

Waste Characterization Report

Notes Utilized Throughout Tables	
Soil Tables	
J - Estimated value	
U - Indicates that the compound was analyzed for but not detected	
P - The RPD between the results for the two columns exceeds the method-specified criteria	
I - The lower value for the two columns has been reported due to obvious interference	
RPD - Relative Percent Difference	
ft bls - Feet below land surface	
NA - Compound was not analyzed for by laboratory	
µg/kg - Micrograms per kilogram	
mg/kg - Milligrams per kilogram	
su - Standard units	
NJDEP - New Jersey Department of Environmental Protection	
PA DEP - Pennsylvania Department of Environmental Protection	
-- No Standards or Limits available	
Bold data indicates that parameter was detected above the NJDEP Residential Soil Remediation Standards	
Shaded data indicates that parameter was detected above the NJDEP Impact to Groundwater Soil Remediation Standards	
Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits	
TCLP Tables	
mg/L - Milligrams per liter	
su - Standard units	
USEPA - United States Environmental Protection Agency	
TCLP - Toxicity Characteristic Leaching Procedure	
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity	
RCRA - Resource Conservation and Recovery Act	
Bold - Parameter was detected above USEPA Regulatory Levels	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1-WC (7-8)	4-WC (0-1)	5-WC (4-5)	8-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4.9 U	4.5 U	4.9 U	5 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.7 U	3.4 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,2-Dichloroethane	900	5	100	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,3-Dichloropropane	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	120 U	110 U	120 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
2-Chlorotoluene	--	--	20000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
2-Hexanone	--	--	--	UG/KG	12 U	11 U	12 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
4-Ethyltoluene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Acetone	70000000	19000	110000	UG/KG	12 U	9.9 J	12 U	12 U
Acrolein	500	500	--	UG/KG	31 U	28 U	31 U	31 U
Acrylonitrile	900	500	37	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Benzene	2000	5	130	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1-WC (7-8)	4-WC (0-1)	5-WC (4-5)	8-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Bromochloromethane	--	--	1600	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Bromodichloromethane	1000	5	3400	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
Bromoform	81000	30	4400	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Bromomethane	25000	40	540	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Carbon Disulfide	7800000	6000	350000	UG/KG	12 U	11 U	12 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
Chloroethane	220000	--	19000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Chloroform	600	400	2500	UG/KG	1.8 U	1.7 U	1.8 U	1.8 U
Chloromethane	4000	--	38	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
Cyclohexane	--	--	--	UG/KG	12 U	11 U	12 U	12 U
Cymene	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	12 U	11 U	12 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Methyl Acetate	78000000	22000	1900000	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	12 U	11 U	12 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	11 U	12 U	12 U
Methylcyclohexane	--	--	--	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Methylene Chloride	46000	10	76	UG/KG	6.1 U	5.7 U	6.1 U	6.2 U
Naphthalene	6000	25000	25000	UG/KG	4.9 U	4.5 U	4.9 U	5 U
N-Butylbenzene	--	--	2600000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1-WC (7-8)	4-WC (0-1)	5-WC (4-5)	8-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Styrene	90000	3000	24000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
T-Butylbenzene	--	--	740000	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	24 U	23 U	24 U	25 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.4 U	2.3 U	2.4 U	2.5 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.61 U	0.22 J	0.61 U	0.62 U
Toluene	6300000	7000	44000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.8 U	1.7 U	1.8 U	1.8 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.1 U	5.7 U	6.1 U	6.2 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.61 U	0.57 U	0.61 U	0.62 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4.9 U	4.5 U	4.9 U	5 U
Vinyl Acetate	--	--	14000	UG/KG	12 U	11 U	12 U	12 U
Vinyl Chloride	700	5	27	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U
Xylenes	12000000	19000	990000	UG/KG	1.2 U	1.1 U	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					9-WC (0-1)	12-WC (0-1)	14-WC (5-6)	16-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4.4 U	4.7 U	4.6 U	5 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.2 U	2.3 U	0.76 J	2.5 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.2 U	2.3 U	8.4	2.5 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.3 U	3.5 U	3.4 U	3.8 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,2-Dichloroethane	900	5	100	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.2 U	2.3 U	4.1	2.5 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,3-Dichloropropane	--	--	--	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.2 U	2.3 U	2 J	2.5 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	110 U	120 U	110 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
2-Chlorotoluene	--	--	20000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
2-Hexanone	--	--	--	UG/KG	11 U	12 U	11 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
4-Ethyltoluene	--	--	--	UG/KG	2.2 U	2.3 U	3.6	2.5 U
Acetone	70000000	19000	110000	UG/KG	11 U	12 U	8.1 J	11 J
Acrolein	500	500	--	UG/KG	28 U	29 U	29 U	31 U
Acrylonitrile	900	500	37	UG/KG	4.4 U	4.7 U	4.6 U	5 U
Benzene	2000	5	130	UG/KG	0.56 U	0.58 U	5.7	0.62 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					9-WC (0-1)	12-WC (0-1)	14-WC (5-6)	16-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Bromochloromethane	--	--	1600	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Bromodichloromethane	1000	5	3400	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
Bromoform	81000	30	4400	UG/KG	4.4 U	4.7 U	4.6 U	5 U
Bromomethane	25000	40	540	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Carbon Disulfide	7800000	6000	350000	UG/KG	11 U	12 U	11 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
Chloroethane	220000	--	19000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Chloroform	600	400	2500	UG/KG	1.7 U	1.8 U	1.7 U	1.9 U
Chloromethane	4000	--	38	UG/KG	4.4 U	4.7 U	4.6 U	5 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U
Cyclohexane	--	--	--	UG/KG	11 U	12 U	1.7 J	12 U
Cymene	--	--	--	UG/KG	1.1 U	1.2 U	0.6 J	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	11 U	12 U	11 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.1 U	1.2 U	1.9	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	4.4 U	4.7 U	4.6 U	5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.1 U	1.2 U	0.63 J	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.2 U	2.3 U	7.6	2.5 U
Methyl Acetate	78000000	22000	1900000	UG/KG	4.4 U	4.7 U	4.6 U	5 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	11 U	12 U	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	11 U	12 U	11 U	12 U
Methylcyclohexane	--	--	--	UG/KG	4.4 U	4.7 U	5	5 U
Methylene Chloride	46000	10	76	UG/KG	5.6 U	5.8 U	5.7 U	6.2 U
Naphthalene	6000	25000	25000	UG/KG	4.4 U	4.7 U	2600	5 U
N-Butylbenzene	--	--	2600000	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.1 U	1.2 U	0.47 J	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.1 U	1.2 U	5	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	9-WC (0-1)	12-WC (0-1)	14-WC (5-6)	16-WC (0-1)
					Sample Date:	06/18/2018	06/18/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Sec-Butylbenzene	--	--	960000	UG/KG	1.1 U	1.2 U	0.24 J	1.2 U	
Styrene	90000	3000	24000	UG/KG	1.1 U	1.2 U	0.84 J	1.2 U	
T-Butylbenzene	--	--	740000	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U	
Tert-Butyl Alcohol	1400000	300	--	UG/KG	22 U	23 U	23 U	25 U	
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.2 U	2.3 U	2.3 U	2.5 U	
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.56 U	0.58 U	0.57 U	0.33 J	
Toluene	6300000	7000	44000	UG/KG	1.1 U	1.2 U	5.6	1.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U	
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.7 U	1.8 U	1.7 U	1.9 U	
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.6 U	5.8 U	5.7 U	6.2 U	
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.56 U	0.58 U	0.57 U	0.62 U	
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4.4 U	4.7 U	4.6 U	5 U	
Vinyl Acetate	--	--	14000	UG/KG	11 U	12 U	11 U	12 U	
Vinyl Chloride	700	5	27	UG/KG	1.1 U	1.2 U	1.1 U	1.2 U	
Xylenes	12000000	19000	990000	UG/KG	1.1 U	1.2 U	13	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					21-WC (7-8)	22-WC (0-1)	23-WC (1-2)	26-WC (0-1)
Sample Date:					06/26/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	5 U	4.9 U	5.2 U	4.6 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.7 U	3.7 U	3.9 U	3.5 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,2-Dichloroethane	900	5	100	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,3-Dichloropropane	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	120 U	120 U	130 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
2-Chlorotoluene	--	--	20000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
2-Hexanone	--	--	--	UG/KG	12 U	12 U	13 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
4-Ethyltoluene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Acetone	70000000	19000	110000	UG/KG	11 J	6.6 J	19	12 U
Acrolein	500	500	--	UG/KG	31 U	31 U	32 U	29 U
Acrylonitrile	900	500	37	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Benzene	2000	5	130	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					21-WC (7-8)	22-WC (0-1)	23-WC (1-2)	26-WC (0-1)
Sample Date:					06/26/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Bromochloromethane	--	--	1600	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Bromodichloromethane	1000	5	3400	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
Bromoform	81000	30	4400	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Bromomethane	25000	40	540	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Carbon Disulfide	7800000	6000	350000	UG/KG	12 U	12 U	13 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
Chloroethane	220000	--	19000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Chloroform	600	400	2500	UG/KG	1.8 U	1.8 U	2 U	1.7 U
Chloromethane	4000	--	38	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
Cyclohexane	--	--	--	UG/KG	12 U	12 U	13 U	12 U
Cymene	--	--	--	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	12 U	12 U	13 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Methyl Acetate	78000000	22000	1900000	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	12 U	12 U	13 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	12 U	13 U	12 U
Methylcyclohexane	--	--	--	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Methylene Chloride	46000	10	76	UG/KG	6.2 U	6.1 U	6.5 U	5.8 U
Naphthalene	6000	25000	25000	UG/KG	1.7 J	1.8 J	2.6 J	4.6 U
N-Butylbenzene	--	--	2600000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					21-WC (7-8)	22-WC (0-1)	23-WC (1-2)	26-WC (0-1)
Sample Date:					06/26/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Styrene	90000	3000	24000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
T-Butylbenzene	--	--	740000	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	25 U	24 U	26 U	23 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.5 U	2.4 U	2.6 U	2.3 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.55 J	0.61 U	0.65 U	0.58 U
Toluene	6300000	7000	44000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.8 U	1.8 U	2 U	1.7 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.2 U	6.1 U	6.5 U	5.8 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.62 U	0.61 U	0.65 U	0.58 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	5 U	4.9 U	5.2 U	4.6 U
Vinyl Acetate	--	--	14000	UG/KG	12 U	12 U	13 U	12 U
Vinyl Chloride	700	5	27	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U
Xylenes	12000000	19000	990000	UG/KG	1.2 U	1.2 U	1.3 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					27-WC (10-11)	30-WC (1-2)	33-WC (0-1)	34-WC (5-6)
Sample Date:					06/25/2018	06/25/2018	06/20/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	29 U	0.73 U	0.61 U	0.69 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	29 U	0.73 U	0.61 U	0.69 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	29 U	0.73 U	0.61 U	0.69 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	230 U	5.8 U	4.9 U	5.5 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,1-Dichloroethane	8000	200	2700	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,1-Dichloroethene	11000	8	190	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,1-Dichloropropene	--	--	--	UG/KG	29 U	0.73 U	0.61 U	0.69 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,2,3-Trichloropropane	--	--	820	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	19 J	2.9 U	2.4 U	2.8 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	81 J	2.9 U	2.4 U	2.8 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	180 U	4.4 U	3.7 U	4.2 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,2-Dichloroethane	900	5	100	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,2-Dichloropropane	2000	5	110	UG/KG	59 U	1.4 U	1.2 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	45 J	2.9 U	2.4 U	2.8 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,3-Dichloropropane	--	--	--	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
1,4-Diethyl Benzene	--	--	--	UG/KG	120	2.9 U	2.4 U	2.8 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	5900 U	140 U	120 U	140 U
2,2-Dichloropropane	--	--	--	UG/KG	120 U	2.9 U	2.4 U	2.8 U
2-Chlorotoluene	--	--	20000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
2-Hexanone	--	--	--	UG/KG	590 U	14 U	12 U	14 U
4-Chlorotoluene	--	--	--	UG/KG	120 U	2.9 U	2.4 U	2.8 U
4-Ethyltoluene	--	--	--	UG/KG	86 J	2.9 U	2.4 U	2.8 U
Acetone	70000000	19000	110000	UG/KG	590 U	14 U	33	14 U
Acrolein	500	500	--	UG/KG	1500 U	36 U	31 U	35 U
Acrylonitrile	900	500	37	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Benzene	2000	5	130	UG/KG	29 U	0.73 U	0.34 J	0.69 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					27-WC (10-11)	30-WC (1-2)	33-WC (0-1)	34-WC (5-6)
Sample Date:					06/25/2018	06/25/2018	06/20/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Bromochloromethane	--	--	1600	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Bromodichloromethane	1000	5	3400	UG/KG	29 U	0.73 U	0.61 U	0.69 U
Bromoform	81000	30	4400	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Bromomethane	25000	40	540	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Carbon Disulfide	7800000	6000	350000	UG/KG	590 U	14 U	12 U	14 U
Carbon Tetrachloride	2000	5	260	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Chlorobenzene	510000	600	6100	UG/KG	29 U	0.73 U	0.61 U	0.69 U
Chloroethane	220000	--	19000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Chloroform	600	400	2500	UG/KG	88 U	2.2 U	1.8 U	2.1 U
Chloromethane	4000	--	38	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	29 U	0.73 U	0.61 U	0.69 U
Cyclohexane	--	--	--	UG/KG	590 U	14 U	12 U	14 U
Cymene	--	--	--	UG/KG	16 J	1.4 U	1.2 U	1.4 U
Dibromochloromethane	3000	5	3200	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Dibromomethane	--	--	7700	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	590 U	14 U	12 U	14 U
Dichloroethylenes	--	--	--	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Ethylbenzene	7800000	13000	46000	UG/KG	24 J	1.4 U	1.2 U	1.4 U
Hexachlorobutadiene	6000	900	1200	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	12 J	1.4 U	1.2 U	1.4 U
m,p-Xylene	--	--	--	UG/KG	38 J	2.9 U	2.4 U	2.8 U
Methyl Acetate	78000000	22000	1900000	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	590 U	14 U	12 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	590 U	14 U	12 U	14 U
Methylcyclohexane	--	--	--	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Methylene Chloride	46000	10	76	UG/KG	290 U	7.3 U	6.1 U	6.9 U
Naphthalene	6000	25000	25000	UG/KG	13000	5.8 U	4.9 U	5.5 U
N-Butylbenzene	--	--	2600000	UG/KG	59 U	1.4 U	1.2 U	1.4 U
N-Propylbenzene	--	--	780000	UG/KG	59 U	1.4 U	1.2 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	59 U	1.4 U	1.2 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					27-WC (10-11)	30-WC (1-2)	33-WC (0-1)	34-WC (5-6)
Sample Date:					06/25/2018	06/25/2018	06/20/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Styrene	90000	3000	24000	UG/KG	59 U	1.4 U	1.2 U	1.4 U
T-Butylbenzene	--	--	740000	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	1200 U	29 U	24 U	28 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	120 U	2.9 U	2.4 U	2.8 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	29 U	0.73 U	0.63	0.69 U
Toluene	6300000	7000	44000	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	29 U	0.73 U	0.61 U	0.69 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	88 U	2.2 U	1.8 U	2.1 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	290 U	7.3 U	6.1 U	6.9 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	29 U	0.73 U	0.61 U	0.69 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	230 U	5.8 U	4.9 U	5.5 U
Vinyl Acetate	--	--	14000	UG/KG	590 U	14 U	12 U	14 U
Vinyl Chloride	700	5	27	UG/KG	59 U	1.4 U	1.2 U	1.4 U
Xylenes	12000000	19000	990000	UG/KG	38 J	1.4 U	1.2 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					35-WC (5-6)	36-WC (6-7)	37-WC (4-5)	38-WC (3-4)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	5.8 U	4.3 U	5.7 U	5 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	4.4 U	3.2 U	4.3 U	3.8 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,2-Dichloroethane	900	5	100	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,3-Dichloropropane	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	140 U	110 U	140 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
2-Chlorotoluene	--	--	20000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
2-Hexanone	--	--	--	UG/KG	14 U	11 U	14 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
4-Ethyltoluene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Acetone	70000000	19000	110000	UG/KG	40	11 U	14 U	50
Acrolein	500	500	--	UG/KG	36 U	27 U	36 U	31 U
Acrylonitrile	900	500	37	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Benzene	2000	5	130	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					35-WC (5-6)	36-WC (6-7)	37-WC (4-5)	38-WC (3-4)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Bromochloromethane	--	--	1600	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Bromodichloromethane	1000	5	3400	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
Bromoform	81000	30	4400	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Bromomethane	25000	40	540	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Carbon Disulfide	7800000	6000	350000	UG/KG	14 U	11 U	14 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
Chloroethane	220000	--	19000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Chloroform	600	400	2500	UG/KG	2.2 U	1.6 U	2.1 U	1.9 U
Chloromethane	4000	--	38	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U
Cyclohexane	--	--	--	UG/KG	14 U	11 U	14 U	12 U
Cymene	--	--	--	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	14 U	11 U	14 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U
Methyl Acetate	78000000	22000	1900000	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	14 U	11 U	14 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	14 U	11 U	14 U	12 U
Methylcyclohexane	--	--	--	UG/KG	5.8 U	4.3 U	5.7 U	5 U
Methylene Chloride	46000	10	76	UG/KG	7.3 U	5.3 U	7.1 U	6.3 U
Naphthalene	6000	25000	25000	UG/KG	5.8 U	5.6	5.7 U	5 U
N-Butylbenzene	--	--	2600000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	35-WC (5-6)	36-WC (6-7)	37-WC (4-5)	38-WC (3-4)
					Sample Date:	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Sec-Butylbenzene	--	--	960000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	
Styrene	90000	3000	24000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	
T-Butylbenzene	--	--	740000	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U	
Tert-Butyl Alcohol	1400000	300	--	UG/KG	29 U	21 U	28 U	25 U	
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.9 U	2.1 U	2.8 U	2.5 U	
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U	
Toluene	6300000	7000	44000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U	
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	2.2 U	1.6 U	2.1 U	1.9 U	
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	7.3 U	5.3 U	7.1 U	6.3 U	
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.73 U	0.53 U	0.71 U	0.63 U	
Trichlorofluoromethane	23000000	34000	87000	UG/KG	5.8 U	4.3 U	5.7 U	5 U	
Vinyl Acetate	--	--	14000	UG/KG	14 U	11 U	14 U	12 U	
Vinyl Chloride	700	5	27	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	
Xylenes	12000000	19000	990000	UG/KG	1.4 U	1.1 U	1.4 U	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					40-WC (5-6)	43-WC (0-1)	44-WC (3-4)	45-WC (0-1)
Sample Date:					06/26/2018	06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	5.5 U	5 U	4.8 U	5.8 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,1-Dichloropropene	--	--	--	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	0.83 J	2.5 U	2.4 U	2.9 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	3.1	0.43 J	2.4 U	2.9 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	4.1 U	3.8 U	3.6 U	4.3 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,2-Dichloroethane	900	5	100	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	1.5 J	0.42 J	2.4 U	2.9 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,3-Dichloropropane	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.7 U	0.38 J	2.4 U	2.9 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	140 U	120 U	120 U	140 U
2,2-Dichloropropane	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
2-Chlorotoluene	--	--	20000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
2-Hexanone	--	--	--	UG/KG	14 U	12 U	12 U	14 U
4-Chlorotoluene	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
4-Ethyltoluene	--	--	--	UG/KG	1.6 J	2.5 U	2.4 U	2.9 U
Acetone	70000000	19000	110000	UG/KG	99	12 U	55	12 J
Acrolein	500	500	--	UG/KG	34 U	31 U	30 U	36 U
Acrylonitrile	900	500	37	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Benzene	2000	5	130	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					40-WC (5-6)	43-WC (0-1)	44-WC (3-4)	45-WC (0-1)
Sample Date:					06/26/2018	06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Bromochloromethane	--	--	1600	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Bromodichloromethane	1000	5	3400	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
Bromoform	81000	30	4400	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Bromomethane	25000	40	540	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Carbon Disulfide	7800000	6000	350000	UG/KG	14 U	12 U	12 U	14 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
Chlorobenzene	510000	600	6100	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
Chloroethane	220000	--	19000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Chloroform	600	400	2500	UG/KG	2 U	1.9 U	1.8 U	2.2 U
Chloromethane	4000	--	38	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U
Cyclohexane	--	--	--	UG/KG	14 U	12 U	12 U	14 U
Cymene	--	--	--	UG/KG	0.2 J	1.2 U	1.2 U	1.4 U
Dibromochloromethane	3000	5	3200	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
Dibromomethane	--	--	7700	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	14 U	12 U	12 U	14 U
Dichloroethylenes	--	--	--	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Ethylbenzene	7800000	13000	46000	UG/KG	0.31 J	1.2 U	1.2 U	1.4 U
Hexachlorobutadiene	6000	900	1200	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
m,p-Xylene	--	--	--	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U
Methyl Acetate	78000000	22000	1900000	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	8.8 J	12 U	12 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	1.9 J	12 U	12 U	14 U
Methylcyclohexane	--	--	--	UG/KG	5.5 U	5 U	4.8 U	5.8 U
Methylene Chloride	46000	10	76	UG/KG	6.8 U	6.3 U	6 U	7.2 U
Naphthalene	6000	25000	25000	UG/KG	310	5 U	4.8 U	5.8 U
N-Butylbenzene	--	--	2600000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
N-Propylbenzene	--	--	780000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	0.52 J	1.2 U	1.2 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	40-WC (5-6)	43-WC (0-1)	44-WC (3-4)	45-WC (0-1)
					Sample Date:	06/26/2018	06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Sec-Butylbenzene	--	--	960000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U	
Styrene	90000	3000	24000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U	
T-Butylbenzene	--	--	740000	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U	
Tert-Butyl Alcohol	1400000	300	--	UG/KG	27 U	25 U	24 U	9.9 J	
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.7 U	2.5 U	2.4 U	2.9 U	
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.49 J	0.63 U	0.6 U	0.72 U	
Toluene	6300000	7000	44000	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U	
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U	
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	2 U	1.9 U	1.8 U	2.2 U	
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.8 U	6.3 U	6 U	7.2 U	
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.68 U	0.63 U	0.6 U	0.72 U	
Trichlorofluoromethane	23000000	34000	87000	UG/KG	5.5 U	5 U	4.8 U	5.8 U	
Vinyl Acetate	--	--	14000	UG/KG	14 U	12 U	12 U	14 U	
Vinyl Chloride	700	5	27	UG/KG	1.4 U	1.2 U	1.2 U	1.4 U	
Xylenes	12000000	19000	990000	UG/KG	0.52 J	1.2 U	1.2 U	1.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-1)	47-WC (4-5)	48-WC (1-2)	49-WC (1-2)
Sample Date:					06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	4.2 U	4 U	3.8 U	3.6 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,2-Dichloroethane	900	5	100	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,3-Dichloropropane	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	140 U	140 U	130 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
2-Chlorotoluene	--	--	20000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
2-Hexanone	--	--	--	UG/KG	14 U	14 U	13 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
4-Ethyltoluene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Acetone	70000000	19000	110000	UG/KG	14 U	14 U	9.9 J	12 U
Acrolein	500	500	--	UG/KG	35 U	34 U	32 U	30 U
Acrylonitrile	900	500	37	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Benzene	2000	5	130	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-1)	47-WC (4-5)	48-WC (1-2)	49-WC (1-2)
Sample Date:					06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Bromochloromethane	--	--	1600	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Bromodichloromethane	1000	5	3400	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
Bromoform	81000	30	4400	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Bromomethane	25000	40	540	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Carbon Disulfide	7800000	6000	350000	UG/KG	14 U	14 U	13 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
Chloroethane	220000	--	19000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Chloroform	600	400	2500	UG/KG	2.1 U	2 U	1.9 U	1.8 U
Chloromethane	4000	--	38	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U
Cyclohexane	--	--	--	UG/KG	14 U	14 U	13 U	12 U
Cymene	--	--	--	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	14 U	14 U	13 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U
Methyl Acetate	78000000	22000	1900000	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	14 U	14 U	13 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	14 U	14 U	13 U	12 U
Methylcyclohexane	--	--	--	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U
Methylene Chloride	46000	10	76	UG/KG	7 U	6.8 U	6.4 U	6 U
Naphthalene	6000	25000	25000	UG/KG	5.6 U	1.4 J	5.1 U	0.84 J
N-Butylbenzene	--	--	2600000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	46-WC (0-1)	47-WC (4-5)	48-WC (1-2)	49-WC (1-2)
					Sample Date:	06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Sec-Butylbenzene	--	--	960000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	
Styrene	90000	3000	24000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	
T-Butylbenzene	--	--	740000	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U	
Tert-Butyl Alcohol	1400000	300	--	UG/KG	28 U	27 U	26 U	24 U	
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.8 U	2.7 U	2.6 U	2.4 U	
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.79	2.5	4.1	0.6 U	
Toluene	6300000	7000	44000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U	
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	2.1 U	2 U	1.9 U	1.8 U	
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	7 U	6.8 U	6.4 U	6 U	
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.7 U	0.68 U	0.64 U	0.6 U	
Trichlorofluoromethane	23000000	34000	87000	UG/KG	5.6 U	5.4 U	5.1 U	4.8 U	
Vinyl Acetate	--	--	14000	UG/KG	14 U	14 U	13 U	12 U	
Vinyl Chloride	700	5	27	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	
Xylenes	12000000	19000	990000	UG/KG	1.4 U	1.4 U	1.3 U	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					51-WC (0-1)	52-WC (0-1)	54-WC (8-9)	55-WC (1-2)
Sample Date:					06/20/2018	06/20/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	1.6 J	1.1 J	3.2 U	2.4 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	1.1 J	2.1 U	3.2 U	2.4 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.2 U	3.1 U	4.8 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,2-Dichloroethane	900	5	100	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.1 U	1 U	1.6 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	5.2	3.4	3.2 U	2.4 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,3-Dichloropropane	--	--	--	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	6.1	6.6	3.2 U	2.4 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	110 U	100 U	160 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
2-Chlorotoluene	--	--	20000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
2-Hexanone	--	--	--	UG/KG	11 U	10 U	16 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
4-Ethyltoluene	--	--	--	UG/KG	1.2 J	0.6 J	3.2 U	2.4 U
Acetone	70000000	19000	110000	UG/KG	11 U	10 U	16	12 U
Acrolein	500	500	--	UG/KG	27 U	26 U	40 U	31 U
Acrylonitrile	900	500	37	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Benzene	2000	5	130	UG/KG	0.22 J	0.52 U	0.8 U	0.61 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					51-WC (0-1)	52-WC (0-1)	54-WC (8-9)	55-WC (1-2)
Sample Date:					06/20/2018	06/20/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Bromochloromethane	--	--	1600	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Bromodichloromethane	1000	5	3400	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
Bromoform	81000	30	4400	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Bromomethane	25000	40	540	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Carbon Disulfide	7800000	6000	350000	UG/KG	11 U	10 U	16 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.1 U	1 U	1.6 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
Chloroethane	220000	--	19000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Chloroform	600	400	2500	UG/KG	1.6 U	1.6 U	2.4 U	1.8 U
Chloromethane	4000	--	38	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.1 U	1 U	0.98 J	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
Cyclohexane	--	--	--	UG/KG	1.4 J	10 U	16 U	12 U
Cymene	--	--	--	UG/KG	1.1 U	0.25 J	1.6 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.1 U	1 U	1.6 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	11 U	10 U	16 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.1 U	1 U	0.98 J	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Ethylbenzene	7800000	13000	46000	UG/KG	0.54 J	0.18 J	1.6 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.1 U	1 U	1.6 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	0.82 J	2.1 U	3.2 U	2.4 U
Methyl Acetate	78000000	22000	1900000	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	11 U	10 U	16 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	11 U	10 U	16 U	12 U
Methylcyclohexane	--	--	--	UG/KG	3.4 J	0.84 J	6.4 U	4.9 U
Methylene Chloride	46000	10	76	UG/KG	5.3 U	5.2 U	8 U	6.1 U
Naphthalene	6000	25000	25000	UG/KG	1.7 J	4.1 U	6.4 U	4.9 U
N-Butylbenzene	--	--	2600000	UG/KG	0.46 J	0.31 J	1.6 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.1 U	0.19 J	1.6 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.1 U	1.4	1.6 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					51-WC (0-1)	52-WC (0-1)	54-WC (8-9)	55-WC (1-2)
Sample Date:					06/20/2018	06/20/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	1.1 U	0.18 J	1.6 U	1.2 U
Styrene	90000	3000	24000	UG/KG	1.1 U	1 U	1.6 U	1.2 U
T-Butylbenzene	--	--	740000	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	21 U	21 U	32 U	24 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.1 U	2.1 U	3.2 U	2.4 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.53 U	3.7	2.4	0.61 U
Toluene	6300000	7000	44000	UG/KG	1.1 U	0.76 J	1.6 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.6 U	1.6 U	2.4 U	1.8 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.1 U	1 U	1.6 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.3 U	5.2 U	8 U	6.1 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.53 U	0.52 U	0.8 U	0.61 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4.3 U	4.1 U	6.4 U	4.9 U
Vinyl Acetate	--	--	14000	UG/KG	11 U	10 U	16 U	12 U
Vinyl Chloride	700	5	27	UG/KG	1.1 U	1 U	1.6 U	1.2 U
Xylenes	12000000	19000	990000	UG/KG	0.82 J	1.4	1.6 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					56-WC (1-2)	57-WC (1-2)	58-WC (1-2)	59-WC (0-1)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,1-Dichloropropene	--	--	--	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.7 U	0.27 J	2.2 U	2.2 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.7 U	0.73 J	2.2 U	2.2 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	4 U	3.5 U	3.2 U	3.4 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,2-Dichloroethane	900	5	100	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,3-Dichloropropane	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	130 U	120 U	110 U	110 U
2,2-Dichloropropane	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
2-Chlorotoluene	--	--	20000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
2-Hexanone	--	--	--	UG/KG	13 U	12 U	11 U	11 U
4-Chlorotoluene	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
4-Ethyltoluene	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Acetone	70000000	19000	110000	UG/KG	39	17	12	11 U
Acrolein	500	500	--	UG/KG	33 U	30 U	27 U	28 U
Acrylonitrile	900	500	37	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Benzene	2000	5	130	UG/KG	0.67 U	0.36 J	0.54 U	0.56 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					56-WC (1-2)	57-WC (1-2)	58-WC (1-2)	59-WC (0-1)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Bromochloromethane	--	--	1600	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Bromodichloromethane	1000	5	3400	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
Bromoform	81000	30	4400	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Bromomethane	25000	40	540	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Carbon Disulfide	7800000	6000	350000	UG/KG	13 U	12 U	11 U	11 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Chlorobenzene	510000	600	6100	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
Chloroethane	220000	--	19000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Chloroform	600	400	2500	UG/KG	2 U	1.8 U	1.6 U	1.7 U
Chloromethane	4000	--	38	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.3 U	1.9	1.1 U	1.1 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
Cyclohexane	--	--	--	UG/KG	13 U	12 U	11 U	11 U
Cymene	--	--	--	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Dibromochloromethane	3000	5	3200	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Dibromomethane	--	--	7700	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	13 U	12 U	11 U	11 U
Dichloroethylenes	--	--	--	UG/KG	1.3 U	1.9	1.1 U	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.3 U	0.24 J	1.1 U	1.1 U
Hexachlorobutadiene	6000	900	1200	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
m,p-Xylene	--	--	--	UG/KG	2.7 U	0.69 J	2.2 U	2.2 U
Methyl Acetate	78000000	22000	1900000	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	13 U	12 U	11 U	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	13 U	12 U	11 U	11 U
Methylcyclohexane	--	--	--	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Methylene Chloride	46000	10	76	UG/KG	6.7 U	5.9 U	5.4 U	5.6 U
Naphthalene	6000	25000	25000	UG/KG	5.3 U	1.6 J	9.1	4.5 U
N-Butylbenzene	--	--	2600000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
N-Propylbenzene	--	--	780000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					56-WC (1-2)	57-WC (1-2)	58-WC (1-2)	59-WC (0-1)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Styrene	90000	3000	24000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
T-Butylbenzene	--	--	740000	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	27 U	24 U	22 U	22 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.7 U	2.4 U	2.2 U	2.2 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	1.5	2.7	4.8	0.56 U
Toluene	6300000	7000	44000	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	2 U	1.8 U	1.6 U	1.7 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.3 U	1.2 U	1.1 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.7 U	5.9 U	5.4 U	5.6 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.67 U	0.59 U	0.54 U	0.56 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	5.3 U	4.7 U	4.3 U	4.5 U
Vinyl Acetate	--	--	14000	UG/KG	13 U	12 U	11 U	11 U
Vinyl Chloride	700	5	27	UG/KG	1.3 U	0.57 J	1.1 U	1.1 U
Xylenes	12000000	19000	990000	UG/KG	1.3 U	0.69 J	1.1 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					61-WC (0-1)	DL-66-WC (0-2)	X34-WC (14-15)
Sample Date:					06/26/2018	07/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.6 U	0.56 U	0.58 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.6 U	0.56 U	0.58 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.6 U	0.56 U	0.58 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4.8 U	4.4 U	4.6 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.6 U	0.56 U	0.58 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.4 U	2.2 U	2.3 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.4 U	2.2 U	2.3 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.4 U	2.2 U	2.3 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.6 U	3.3 U	3.5 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.2 U	1.1 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.4 U	2.2 U	2.3 U
1,2-Dichloroethane	900	5	100	UG/KG	1.2 U	1.1 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.2 U	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.4 U	2.2 U	2.3 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.4 U	2.2 U	2.3 U
1,3-Dichloropropane	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.4 U	2.2 U	2.3 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	120 U	110 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
2-Chlorotoluene	--	--	20000	UG/KG	2.4 U	2.2 U	2.3 U
2-Hexanone	--	--	--	UG/KG	12 U	11 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
4-Ethyltoluene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
Acetone	70000000	19000	110000	UG/KG	57	11 U	26
Acrolein	500	500	--	UG/KG	30 U	28 U	29 U
Acrylonitrile	900	500	37	UG/KG	4.8 U	4.4 U	4.6 U
Benzene	2000	5	130	UG/KG	0.6 U	0.56 U	0.24 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					61-WC (0-1)	DL-66-WC (0-2)	X34-WC (14-15)
Sample Date:					06/26/2018	07/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Bromobenzene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
Bromochloromethane	--	--	1600	UG/KG	2.4 U	2.2 U	2.3 U
Bromodichloromethane	1000	5	3400	UG/KG	0.6 U	0.56 U	0.58 U
Bromoform	81000	30	4400	UG/KG	4.8 U	4.4 U	4.6 U
Bromomethane	25000	40	540	UG/KG	2.4 U	2.2 U	2.3 U
Carbon Disulfide	7800000	6000	350000	UG/KG	12 U	11 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.2 U	1.1 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.6 U	0.56 U	0.58 U
Chloroethane	220000	--	19000	UG/KG	2.4 U	2.2 U	2.7
Chloroform	600	400	2500	UG/KG	0.19 J	1.7 U	1.7 U
Chloromethane	4000	--	38	UG/KG	4.8 U	4.4 U	4.6 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.2 U	1.1 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.6 U	0.56 U	0.58 U
Cyclohexane	--	--	--	UG/KG	12 U	11 U	12 U
Cymene	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.2 U	1.1 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.4 U	2.2 U	2.3 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	12 U	11 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.4 U	2.2 U	2.3 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.2 U	1.1 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	4.8 U	4.4 U	4.6 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1.1 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.4 U	2.2 U	2.3 U
Methyl Acetate	78000000	22000	1900000	UG/KG	4.8 U	4.4 U	4.6 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	6.3 J	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	11 U	12 U
Methylcyclohexane	--	--	--	UG/KG	4.8 U	4.4 U	4.6 U
Methylene Chloride	46000	10	76	UG/KG	6 U	5.6 U	5.8 U
Naphthalene	6000	25000	25000	UG/KG	17	3.6 J	4.6 U
N-Butylbenzene	--	--	2600000	UG/KG	1.2 U	1.1 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.2 U	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	61-WC (0-1)	DL-66-WC (0-2)	X34-WC (14-15)
					Sample Date:	06/26/2018	07/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Sec-Butylbenzene	--	--	960000	UG/KG	1.2 U	1.1 U	1.2 U	
Styrene	90000	3000	24000	UG/KG	1.2 U	1.1 U	1.2 U	
T-Butylbenzene	--	--	740000	UG/KG	2.4 U	2.2 U	2.3 U	
Tert-Butyl Alcohol	1400000	300	--	UG/KG	24 U	22 U	23 U	
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.4 U	2.2 U	8.5	
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.33 J	0.56 U	0.58 U	
Toluene	6300000	7000	44000	UG/KG	1.2 U	0.61 J	1.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.6 U	0.56 U	0.58 U	
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.8 U	1.7 U	1.7 U	
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.2 U	1.1 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6 U	5.6 U	5.8 U	
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.6 U	0.56 U	0.58 U	
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4.8 U	4.4 U	4.6 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	11 U	12 U	
Vinyl Chloride	700	5	27	UG/KG	1.2 U	1.1 U	8.5	
Xylenes	12000000	19000	990000	UG/KG	1.2 U	1.1 U	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X35-WC (11-12)	X36-WC (13-14)	X44-WC (12-13)
Sample Date:					06/25/2018	06/25/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	28 U	120 U	70 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	28 U	120 U	70 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	28 U	120 U	70 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	230 U	1000 U	560 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	57 U	250 U	140 U
1,1-Dichloroethane	8000	200	2700	UG/KG	57 U	250 U	140 U
1,1-Dichloroethene	11000	8	190	UG/KG	57 U	250 U	140 U
1,1-Dichloropropene	--	--	--	UG/KG	28 U	120 U	70 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	110 U	500 U	280 U
1,2,3-Trichloropropane	--	--	820	UG/KG	110 U	400 J	280 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	1600	4700	2600
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	110 U	500 U	280 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	6300	24000	17000
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	170 U	750 U	420 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	57 U	250 U	140 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	110 U	500 U	260 J
1,2-Dichloroethane	900	5	100	UG/KG	57 U	250 U	140 U
1,2-Dichloropropane	2000	5	110	UG/KG	57 U	250 U	140 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2000	7100	4600
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	110 U	500 U	280 U
1,3-Dichloropropane	--	--	--	UG/KG	110 U	500 U	280 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	110 U	500 U	110 J
1,4-Diethyl Benzene	--	--	--	UG/KG	3800	11000	6500
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	5700 U	25000 U	14000 U
2,2-Dichloropropane	--	--	--	UG/KG	110 U	500 U	280 U
2-Chlorotoluene	--	--	20000	UG/KG	110 U	500 U	280 U
2-Hexanone	--	--	--	UG/KG	570 U	2500 U	1400 U
4-Chlorotoluene	--	--	--	UG/KG	110 U	500 U	280 U
4-Ethyltoluene	--	--	--	UG/KG	3400	16000	11000
Acetone	70000000	19000	110000	UG/KG	570 U	2500 U	1400 U
Acrolein	500	500	--	UG/KG	1400 U	6200 U	3500 U
Acrylonitrile	900	500	37	UG/KG	230 U	1000 U	560 U
Benzene	2000	5	130	UG/KG	28 U	320	320

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X35-WC (11-12)	X36-WC (13-14)	X44-WC (12-13)
Sample Date:					06/25/2018	06/25/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Bromobenzene	--	--	--	UG/KG	110 U	500 U	280 U
Bromochloromethane	--	--	1600	UG/KG	110 U	500 U	280 U
Bromodichloromethane	1000	5	3400	UG/KG	28 U	120 U	70 U
Bromoform	81000	30	4400	UG/KG	230 U	1000 U	560 U
Bromomethane	25000	40	540	UG/KG	110 U	500 U	280 U
Carbon Disulfide	7800000	6000	350000	UG/KG	570 U	2500 U	1400 U
Carbon Tetrachloride	2000	5	260	UG/KG	57 U	250 U	140 U
Chlorobenzene	510000	600	6100	UG/KG	28 U	120 U	70 U
Chloroethane	220000	--	19000	UG/KG	110 U	500 U	280 U
Chloroform	600	400	2500	UG/KG	85 U	370 U	210 U
Chloromethane	4000	--	38	UG/KG	230 U	1000 U	560 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	57 U	7400	4000
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	28 U	120 U	70 U
Cyclohexane	--	--	--	UG/KG	150 J	1200 J	600 J
Cymene	--	--	--	UG/KG	100	260	170
Dibromochloromethane	3000	5	3200	UG/KG	57 U	250 U	140 U
Dibromomethane	--	--	7700	UG/KG	110 U	500 U	280 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	570 U	2500 U	1400 U
Dichloroethylenes	--	--	--	UG/KG	57 U	7400	4000
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	110 U	500 U	280 U
Ethylbenzene	7800000	13000	46000	UG/KG	540	5800	6400
Hexachlorobutadiene	6000	900	1200	UG/KG	230 U	1000 U	560 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	150	1000	560
m,p-Xylene	--	--	--	UG/KG	1600	22000	23000
Methyl Acetate	78000000	22000	1900000	UG/KG	230 U	1000 U	560 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	570 U	2500 U	1400 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	570 U	2500 U	1400 U
Methylcyclohexane	--	--	--	UG/KG	240	1700	930
Methylene Chloride	46000	10	76	UG/KG	280 U	1200 U	700 U
Naphthalene	6000	25000	25000	UG/KG	2100	10000	6400
N-Butylbenzene	--	--	2600000	UG/KG	380	1300	940
N-Propylbenzene	--	--	780000	UG/KG	620	3200	2200
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	43 J	9400	7900

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X35-WC (11-12)	X36-WC (13-14)	X44-WC (12-13)
Sample Date:					06/25/2018	06/25/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Sec-Butylbenzene	--	--	960000	UG/KG	130	250 U	330
Styrene	90000	3000	24000	UG/KG	57 U	100 J	110 J
T-Butylbenzene	--	--	740000	UG/KG	110 U	500 U	280 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	1100 U	5000 U	2800 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	110 U	97 J	280 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	28 U	120 U	70 U
Toluene	6300000	7000	44000	UG/KG	60	17000	2000
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	28 U	120 U	70 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	85 U	370 U	210 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	57 U	250 U	140 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	280 U	1200 U	700 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	28 U	120 U	70 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	230 U	1000 U	560 U
Vinyl Acetate	--	--	14000	UG/KG	570 U	2500 U	1400 U
Vinyl Chloride	700	5	27	UG/KG	57 U	250 U	140 U
Xylenes	12000000	19000	990000	UG/KG	1600 J	31000	31000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X45-WC (13-14)	X46-WC (11-12)	X47-WC (12-13)
Sample Date:					06/22/2018	06/22/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	530 U	28 U	140 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	530 U	28 U	140 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	530 U	28 U	140 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4200 U	230 U	1200 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1000 U	56 U	290 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1000 U	56 U	290 U
1,1-Dichloroethene	11000	8	190	UG/KG	1000 U	38 J	290 U
1,1-Dichloropropene	--	--	--	UG/KG	530 U	28 U	140 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2100 U	110 U	580 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2100 U	110 U	580 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2300	3000	12000
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2100 U	110 U	580 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	14000	16000	58000
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3200 U	170 U	860 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1000 U	56 U	290 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2100 U	110 U	580 U
1,2-Dichloroethane	900	5	100	UG/KG	1000 U	56 U	290 U
1,2-Dichloropropane	2000	5	110	UG/KG	1000 U	56 U	290 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	3800	4200	16000
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2100 U	110 U	580 U
1,3-Dichloropropane	--	--	--	UG/KG	2100 U	110 U	580 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2100 U	110 U	580 U
1,4-Diethyl Benzene	--	--	--	UG/KG	5400	6500	25000
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	100000 U	5600 U	29000 U
2,2-Dichloropropane	--	--	--	UG/KG	2100 U	110 U	580 U
2-Chlorotoluene	--	--	20000	UG/KG	2100 U	110 U	580 U
2-Hexanone	--	--	--	UG/KG	10000 U	560 U	2900 U
4-Chlorotoluene	--	--	--	UG/KG	2100 U	110 U	580 U
4-Ethyltoluene	--	--	--	UG/KG	9500	10000	35000
Acetone	70000000	19000	110000	UG/KG	10000 U	560 U	2900 U
Acrolein	500	500	--	UG/KG	26000 U	1400 U	7200 U
Acrylonitrile	900	500	37	UG/KG	4200 U	230 U	1200 U
Benzene	2000	5	130	UG/KG	210 J	280	400

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X45-WC (13-14)	X46-WC (11-12)	X47-WC (12-13)
Sample Date:					06/22/2018	06/22/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Bromobenzene	--	--	--	UG/KG	2100 U	110 U	580 U
Bromochloromethane	--	--	1600	UG/KG	2100 U	110 U	580 U
Bromodichloromethane	1000	5	3400	UG/KG	530 U	28 U	140 U
Bromoform	81000	30	4400	UG/KG	4200 U	230 U	1200 U
Bromomethane	25000	40	540	UG/KG	2100 U	110 U	580 U
Carbon Disulfide	7800000	6000	350000	UG/KG	10000 U	560 U	2900 U
Carbon Tetrachloride	2000	5	260	UG/KG	1000 U	56 U	290 U
Chlorobenzene	510000	600	6100	UG/KG	530 U	28 U	140 U
Chloroethane	220000	--	19000	UG/KG	2100 U	110 U	580 U
Chloroform	600	400	2500	UG/KG	1600 U	85 U	430 U
Chloromethane	4000	--	38	UG/KG	4200 U	230 U	1200 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	2100	12000	7900
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	530 U	28 U	140 U
Cyclohexane	--	--	--	UG/KG	680 J	590	1700 J
Cymene	--	--	--	UG/KG	1000 U	150	590
Dibromochloromethane	3000	5	3200	UG/KG	1000 U	56 U	290 U
Dibromomethane	--	--	7700	UG/KG	2100 U	110 U	580 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	10000 U	560 U	2900 U
Dichloroethylenes	--	--	--	UG/KG	2100	12000 J	7900
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2100 U	110 U	580 U
Ethylbenzene	7800000	13000	46000	UG/KG	7500	3400	9400
Hexachlorobutadiene	6000	900	1200	UG/KG	4200 U	230 U	1200 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	480 J	480	1600
m,p-Xylene	--	--	--	UG/KG	28000	13000	36000
Methyl Acetate	78000000	22000	1900000	UG/KG	4200 U	230 U	1200 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	10000 U	560 U	2900 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	10000 U	1000	2400 J
Methylcyclohexane	--	--	--	UG/KG	1100 J	760	3000
Methylene Chloride	46000	10	76	UG/KG	5300 U	280 U	1400 U
Naphthalene	6000	25000	25000	UG/KG	6400	7600	18000
N-Butylbenzene	--	--	2600000	UG/KG	780 J	860	2800
N-Propylbenzene	--	--	780000	UG/KG	1800	2000	6500
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	8800	5700	17000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X45-WC (13-14)	X46-WC (11-12)	X47-WC (12-13)
Sample Date:					06/22/2018	06/22/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Sec-Butylbenzene	--	--	960000	UG/KG	250 J	56 U	840
Styrene	90000	3000	24000	UG/KG	1000 U	80	170 J
T-Butylbenzene	--	--	740000	UG/KG	2100 U	110 U	580 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	21000 U	1100 U	5800 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2100 U	620	180 J
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	530 U	84	260
Toluene	6300000	7000	44000	UG/KG	210000	10000	19000
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	530 U	28 U	140 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1600 U	18 J	430 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1000 U	56 U	290 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5300 U	280 U	1400 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	530 U	28 U	140 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4200 U	230 U	1200 U
Vinyl Acetate	--	--	14000	UG/KG	10000 U	560 U	2900 U
Vinyl Chloride	700	5	27	UG/KG	680 J	50 J	290 U
Xylenes	12000000	19000	990000	UG/KG	37000	19000	53000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X54-WC (12-13)	X55-WC (12-13)	X56-WC (12-13)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.48 U	0.53 U	600 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.48 U	0.53 U	600 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.48 U	0.53 U	600 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	3.9 U	4.2 U	4800 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	0.97 U	1 U	1200 U
1,1-Dichloroethane	8000	200	2700	UG/KG	0.37 J	1 U	1200 U
1,1-Dichloroethene	11000	8	190	UG/KG	2.3	1 U	1200 U
1,1-Dichloropropene	--	--	--	UG/KG	0.48 U	0.53 U	600 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	1.9 U	2.1 U	2400 U
1,2,3-Trichloropropane	--	--	820	UG/KG	1.9 U	2.1 U	2400 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	86	64	5200
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	1.9 U	2.1 U	2400 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	5000	120 U	32000
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	2.9 U	3.2 U	3600 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	0.97 U	1 U	1200 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	9.1	13	2400 U
1,2-Dichloroethane	900	5	100	UG/KG	0.97 U	1 U	1200 U
1,2-Dichloropropane	2000	5	110	UG/KG	0.97 U	1 U	1200 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	190	150	8600
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	1.3 J	1.3 J	2400 U
1,3-Dichloropropane	--	--	--	UG/KG	1.9 U	2.1 U	2400 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	4.8	5	2400 U
1,4-Diethyl Benzene	--	--	--	UG/KG	230	70	12000
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	97 U	100 U	120000 U
2,2-Dichloropropane	--	--	--	UG/KG	1.9 U	2.1 U	2400 U
2-Chlorotoluene	--	--	20000	UG/KG	1.9 U	2.1 U	2400 U
2-Hexanone	--	--	--	UG/KG	9.7 U	10 U	12000 U
4-Chlorotoluene	--	--	--	UG/KG	1.9 U	2.1 U	2400 U
4-Ethyltoluene	--	--	--	UG/KG	2500	120 U	22000
Acetone	70000000	19000	110000	UG/KG	16	39	12000 U
Acrolein	500	500	--	UG/KG	24 U	26 U	30000 U
Acrylonitrile	900	500	37	UG/KG	3.9 U	4.2 U	4800 U
Benzene	2000	5	130	UG/KG	27	9	910

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X54-WC (12-13)	X55-WC (12-13)	X56-WC (12-13)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Bromobenzene	--	--	--	UG/KG	1.9 U	2.1 U	2400 U
Bromochloromethane	--	--	1600	UG/KG	1.9 U	2.1 U	2400 U
Bromodichloromethane	1000	5	3400	UG/KG	0.48 U	0.53 U	600 U
Bromoform	81000	30	4400	UG/KG	3.9 U	4.2 U	4800 U
Bromomethane	25000	40	540	UG/KG	1.9 U	2.1 U	2400 U
Carbon Disulfide	7800000	6000	350000	UG/KG	9.7 U	10 U	12000 U
Carbon Tetrachloride	2000	5	260	UG/KG	0.97 U	1 U	1200 U
Chlorobenzene	510000	600	6100	UG/KG	0.48 U	0.53 U	600 U
Chloroethane	220000	--	19000	UG/KG	1.9 U	2.1 U	2400 U
Chloroform	600	400	2500	UG/KG	1.4 U	1.6 U	1800 U
Chloromethane	4000	--	38	UG/KG	3.9 U	4.2 U	4800 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1000	16	30000
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.48 U	0.53 U	600 U
Cyclohexane	--	--	--	UG/KG	44	84	2000 J
Cymene	--	--	--	UG/KG	6.8	17	310 J
Dibromochloromethane	3000	5	3200	UG/KG	0.97 U	1 U	1200 U
Dibromomethane	--	--	7700	UG/KG	1.9 U	2.1 U	2400 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	9.7 U	10 U	12000 U
Dichloroethylenes	--	--	--	UG/KG	1000	16	30000
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	1.9 U	2.1 U	2400 U
Ethylbenzene	7800000	13000	46000	UG/KG	2400	180	12000
Hexachlorobutadiene	6000	900	1200	UG/KG	3.9 U	4.2 U	4800 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	28	39	1100 J
m,p-Xylene	--	--	--	UG/KG	5900	450	42000
Methyl Acetate	78000000	22000	1900000	UG/KG	3.9 U	4.2 U	4800 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	9.7 U	10 U	12000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	9.7 U	10 U	2100 J
Methylcyclohexane	--	--	--	UG/KG	76	180	3100 J
Methylene Chloride	46000	10	76	UG/KG	4.8 U	5.3 U	6000 U
Naphthalene	6000	25000	25000	UG/KG	200	25	16000
N-Butylbenzene	--	--	2600000	UG/KG	28	97	1600
N-Propylbenzene	--	--	780000	UG/KG	92	110	4400
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	410	160	15000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X54-WC (12-13)	X55-WC (12-13)	X56-WC (12-13)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Sec-Butylbenzene	--	--	960000	UG/KG	11	33	1200 U
Styrene	90000	3000	24000	UG/KG	7.5	1.2	1200 U
T-Butylbenzene	--	--	740000	UG/KG	1.9 U	2.1 U	2400 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	19 U	21 U	24000 U
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	1.9 U	1.4 J	3000
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.48 U	0.53 U	600 U
Toluene	6300000	7000	44000	UG/KG	120	130	130000
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.48 U	0.53 U	600 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.4 U	1.6 U	1800 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	0.97 U	1 U	1200 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	4.8 U	5.3 U	6000 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.48 U	0.53 U	600 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	3.9 U	4.2 U	4800 U
Vinyl Acetate	--	--	14000	UG/KG	9.7 U	10 U	12000 U
Vinyl Chloride	700	5	27	UG/KG	0.54 J	10	6700
Xylenes	12000000	19000	990000	UG/KG	6300	610	57000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X57-WC (15-16)	X58-WC (10-11)	DL-62-WC (1-2)
Sample Date:					06/21/2018	06/21/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	29 U	0.55 U	0.51 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	29 U	0.55 U	0.51 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	29 U	0.55 U	0.51 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	230 U	4.4 U	4.1 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	57 U	1.1 U	1 U
1,1-Dichloroethane	8000	200	2700	UG/KG	57 U	1.1 U	1 U
1,1-Dichloroethene	11000	8	190	UG/KG	57 U	1.1 U	1 U
1,1-Dichloropropene	--	--	--	UG/KG	29 U	0.55 U	0.51 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	110 U	2.2 U	2 U
1,2,3-Trichloropropane	--	--	820	UG/KG	110 U	2.2 U	2 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	1500	0.24 J	2 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	110 U	2.2 U	2 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	8000	2.2 U	2 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	170 U	3.3 U	3 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	57 U	1.1 U	1 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	110 U	2.2 U	2 U
1,2-Dichloroethane	900	5	100	UG/KG	57 U	1.1 U	1 U
1,2-Dichloropropane	2000	5	110	UG/KG	57 U	1.1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2300	2.2 U	2 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	110 U	2.2 U	2 U
1,3-Dichloropropane	--	--	--	UG/KG	110 U	2.2 U	2 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	110 U	2.2 U	2 U
1,4-Diethyl Benzene	--	--	--	UG/KG	3400	2.2 U	2 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	5700 U	110 U	100 U
2,2-Dichloropropane	--	--	--	UG/KG	110 U	2.2 U	2 U
2-Chlorotoluene	--	--	20000	UG/KG	110 U	2.2 U	2 U
2-Hexanone	--	--	--	UG/KG	570 U	11 U	10 U
4-Chlorotoluene	--	--	--	UG/KG	110 U	2.2 U	2 U
4-Ethyltoluene	--	--	--	UG/KG	5000	2.2 U	2 U
Acetone	70000000	19000	110000	UG/KG	570 U	14	10 U
Acrolein	500	500	--	UG/KG	1400 U	27 U	25 U
Acrylonitrile	900	500	37	UG/KG	230 U	4.4 U	4.1 U
Benzene	2000	5	130	UG/KG	73	0.55 U	0.51 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X57-WC (15-16)	X58-WC (10-11)	DL-62-WC (1-2)
Sample Date:					06/21/2018	06/21/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Bromobenzene	--	--	--	UG/KG	110 U	2.2 U	2 U
Bromochloromethane	--	--	1600	UG/KG	110 U	2.2 U	2 U
Bromodichloromethane	1000	5	3400	UG/KG	29 U	0.55 U	0.51 U
Bromoform	81000	30	4400	UG/KG	230 U	4.4 U	4.1 U
Bromomethane	25000	40	540	UG/KG	110 U	2.2 U	2 U
Carbon Disulfide	7800000	6000	350000	UG/KG	570 U	11 U	10 U
Carbon Tetrachloride	2000	5	260	UG/KG	57 U	1.1 U	1 U
Chlorobenzene	510000	600	6100	UG/KG	29 U	0.55 U	0.51 U
Chloroethane	220000	--	19000	UG/KG	110 U	2.2 U	2 U
Chloroform	600	400	2500	UG/KG	86 U	1.6 U	1.5 U
Chloromethane	4000	--	38	UG/KG	230 U	4.4 U	4.1 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	3700	1.1 U	1 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	29 U	0.55 U	0.51 U
Cyclohexane	--	--	--	UG/KG	190 J	11 U	10 U
Cymene	--	--	--	UG/KG	68	1.1 U	1 U
Dibromochloromethane	3000	5	3200	UG/KG	57 U	1.1 U	1 U
Dibromomethane	--	--	7700	UG/KG	110 U	2.2 U	2 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	570 U	11 U	10 U
Dichloroethylenes	--	--	--	UG/KG	3700	1.1 U	1 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	110 U	2.2 U	2 U
Ethylbenzene	7800000	13000	46000	UG/KG	1500	1.1 U	1 U
Hexachlorobutadiene	6000	900	1200	UG/KG	230 U	4.4 U	4.1 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	240	1.1 U	1 U
m,p-Xylene	--	--	--	UG/KG	5600	2.2 U	2 U
Methyl Acetate	78000000	22000	1900000	UG/KG	230 U	4.4 U	4.1 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	570 U	11 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	570 U	11 U	10 U
Methylcyclohexane	--	--	--	UG/KG	380	4.4 U	4.1 U
Methylene Chloride	46000	10	76	UG/KG	290 U	5.5 U	2.4 J
Naphthalene	6000	25000	25000	UG/KG	2800	8.9	4.1 U
N-Butylbenzene	--	--	2600000	UG/KG	370	1.1 U	1 U
N-Propylbenzene	--	--	780000	UG/KG	960	1.1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	2700	1.1 U	1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X57-WC (15-16)	X58-WC (10-11)	DL-62-WC (1-2)
Sample Date:					06/21/2018	06/21/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Sec-Butylbenzene	--	--	960000	UG/KG	130	1.1 U	1 U
Styrene	90000	3000	24000	UG/KG	25 J	1.1 U	1 U
T-Butylbenzene	--	--	740000	UG/KG	110 U	2.2 U	2 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	1100 U	22 U	6.3 J
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	81 J	2.2 U	2 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	110	5.7	0.51 U
Toluene	6300000	7000	44000	UG/KG	5100	1.1 U	1 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	29 U	0.55 U	0.51 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	86 U	1.6 U	1.5 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	57 U	1.1 U	1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	290 U	5.5 U	5.1 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	29 U	0.55 U	0.51 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	230 U	4.4 U	4.1 U
Vinyl Acetate	--	--	14000	UG/KG	570 U	11 U	10 U
Vinyl Chloride	700	5	27	UG/KG	57 U	1.1 U	1 U
Xylenes	12000000	19000	990000	UG/KG	8300	1.1 U	1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-63-WC (1-2)	DL-64/65-WC (1-2)
Sample Date:					08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.57 U	0.61 U
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG	0.57 U	0.61 U
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG	0.57 U	0.61 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	4.6 U	4.9 U
1,1,2-Trichloroethane	2000	20	150	UG/KG	1.1 U	1.2 U
1,1-Dichloroethane	8000	200	2700	UG/KG	1.1 U	1.2 U
1,1-Dichloroethene	11000	8	190	UG/KG	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	0.57 U	0.61 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	2.3 U	2.4 U
1,2,3-Trichloropropane	--	--	820	UG/KG	2.3 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	2.3 U	2.4 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2.3 U	2.4 U
1,2,4-Trimethylbenzene	--	--	20000	UG/KG	2.3 U	2.4 U
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG	3.4 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG	1.1 U	1.2 U
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG	2.3 U	2.4 U
1,2-Dichloroethane	900	5	100	UG/KG	1.1 U	1.2 U
1,2-Dichloropropane	2000	5	110	UG/KG	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG	2.3 U	2.4 U
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG	2.3 U	2.4 U
1,3-Dichloropropane	--	--	--	UG/KG	2.3 U	2.4 U
1,4-Dichlorobenzene	5000	2000	10000	UG/KG	2.3 U	2.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	2.3 U	2.4 U
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG	110 U	120 U
2,2-Dichloropropane	--	--	--	UG/KG	2.3 U	2.4 U
2-Chlorotoluene	--	--	20000	UG/KG	2.3 U	2.4 U
2-Hexanone	--	--	--	UG/KG	11 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	2.3 U	2.4 U
4-Ethyltoluene	--	--	--	UG/KG	2.3 U	2.4 U
Acetone	70000000	19000	110000	UG/KG	38	36
Acrolein	500	500	--	UG/KG	28 U	31 U
Acrylonitrile	900	500	37	UG/KG	4.6 U	4.9 U
Benzene	2000	5	130	UG/KG	0.57 U	0.61 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-63-WC (1-2)	DL-64/65-WC (1-2)
Sample Date:					08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Bromobenzene	--	--	--	UG/KG	2.3 U	2.4 U
Bromochloromethane	--	--	1600	UG/KG	2.3 U	2.4 U
Bromodichloromethane	1000	5	3400	UG/KG	0.57 U	0.61 U
Bromoform	81000	30	4400	UG/KG	4.6 U	4.9 U
Bromomethane	25000	40	540	UG/KG	2.3 U	2.4 U
Carbon Disulfide	7800000	6000	350000	UG/KG	11 U	12 U
Carbon Tetrachloride	2000	5	260	UG/KG	1.1 U	1.2 U
Chlorobenzene	510000	600	6100	UG/KG	0.57 U	0.61 U
Chloroethane	220000	--	19000	UG/KG	2.3 U	2.4 U
Chloroform	600	400	2500	UG/KG	1.7 U	1.8 U
Chloromethane	4000	--	38	UG/KG	4.6 U	4.9 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG	1.1 U	1.2 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG	0.57 U	0.61 U
Cyclohexane	--	--	--	UG/KG	11 U	12 U
Cymene	--	--	--	UG/KG	1.1 U	1.2 U
Dibromochloromethane	3000	5	3200	UG/KG	1.1 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	2.3 U	2.4 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG	11 U	12 U
Dichloroethylenes	--	--	--	UG/KG	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	2.3 U	2.4 U
Ethylbenzene	7800000	13000	46000	UG/KG	1.1 U	1.2 U
Hexachlorobutadiene	6000	900	1200	UG/KG	4.6 U	4.9 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.1 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	2.3 U	2.4 U
Methyl Acetate	78000000	22000	1900000	UG/KG	4.6 U	4.9 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	11 U	12 U
Methylcyclohexane	--	--	--	UG/KG	4.6 U	4.9 U
Methylene Chloride	46000	10	76	UG/KG	5.7 U	3.7 J
Naphthalene	6000	25000	25000	UG/KG	4.6 U	4.9 U
N-Butylbenzene	--	--	2600000	UG/KG	1.1 U	1.2 U
N-Propylbenzene	--	--	780000	UG/KG	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-63-WC (1-2)	DL-64/65-WC (1-2)
Sample Date:					08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Sec-Butylbenzene	--	--	960000	UG/KG	1.1 U	1.2 U
Styrene	90000	3000	24000	UG/KG	1.1 U	1.2 U
T-Butylbenzene	--	--	740000	UG/KG	2.3 U	2.4 U
Tert-Butyl Alcohol	1400000	300	--	UG/KG	5.8 J	7.6 J
Tert-Butyl Methyl Ether	110000	200	280	UG/KG	2.3 U	2.4 U
Tetrachloroethylene (PCE)	43000	5	430	UG/KG	0.78	0.35 J
Toluene	6300000	7000	44000	UG/KG	1.1 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG	0.57 U	0.61 U
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG	1.7 U	1.8 U
Trans-1,3-Dichloropropene	2000	--	--	UG/KG	1.1 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.7 U	6.1 U
Trichloroethylene (TCE)	3000	10	170	UG/KG	0.57 U	0.61 U
Trichlorofluoromethane	23000000	34000	87000	UG/KG	4.6 U	4.9 U
Vinyl Acetate	--	--	14000	UG/KG	11 U	12 U
Vinyl Chloride	700	5	27	UG/KG	1.1 U	1.2 U
Xylenes	12000000	19000	990000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (1-2)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG
1,1,1-Trichloroethane (TCA)	160000000	300	7200	UG/KG
1,1,2,2-Tetrachloroethane	1000	7	9.3	UG/KG
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG
1,1,2-Trichloroethane	2000	20	150	UG/KG
1,1-Dichloroethane	8000	200	2700	UG/KG
1,1-Dichloroethene	11000	8	190	UG/KG
1,1-Dichloropropene	--	--	--	UG/KG
1,2,3-Trichlorobenzene	--	--	--	UG/KG
1,2,3-Trichloropropane	--	--	820	UG/KG
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG
1,2,4-Trimethylbenzene	--	--	20000	UG/KG
1,2-Dibromo-3-Chloropropane	80	5	9.2	UG/KG
1,2-Dibromoethane (Ethylene Dibromide)	8	5	1.2	UG/KG
1,2-Dichlorobenzene	5300000	17000	59000	UG/KG
1,2-Dichloroethane	900	5	100	UG/KG
1,2-Dichloropropane	2000	5	110	UG/KG
1,3,5-Trimethylbenzene (Mesitylene)	--	--	6200	UG/KG
1,3-Dichlorobenzene	5300000	19000	61000	UG/KG
1,3-Dichloropropane	--	--	--	UG/KG
1,4-Dichlorobenzene	5000	2000	10000	UG/KG
1,4-Diethyl Benzene	--	--	--	UG/KG
1,4-Dioxane (P-Dioxane)	--	--	310	UG/KG
2,2-Dichloropropane	--	--	--	UG/KG
2-Chlorotoluene	--	--	20000	UG/KG
2-Hexanone	--	--	--	UG/KG
4-Chlorotoluene	--	--	--	UG/KG
4-Ethyltoluene	--	--	--	UG/KG
Acetone	70000000	19000	110000	UG/KG
Acrolein	500	500	--	UG/KG
Acrylonitrile	900	500	37	UG/KG
Benzene	2000	5	130	UG/KG

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (1-2)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
Bromobenzene	--	--	--	UG/KG 2.2 U
Bromochloromethane	--	--	1600	UG/KG 2.2 U
Bromodichloromethane	1000	5	3400	UG/KG 0.55 U
Bromoform	81000	30	4400	UG/KG 4.4 U
Bromomethane	25000	40	540	UG/KG 2.2 U
Carbon Disulfide	7800000	6000	350000	UG/KG 11 U
Carbon Tetrachloride	2000	5	260	UG/KG 1.1 U
Chlorobenzene	510000	600	6100	UG/KG 0.55 U
Chloroethane	220000	--	19000	UG/KG 2.2 U
Chloroform	600	400	2500	UG/KG 1.6 U
Chloromethane	4000	--	38	UG/KG 4.4 U
Cis-1,2-Dichloroethylene	230000	300	1600	UG/KG 1.1 U
Cis-1,3-Dichloropropene	2000	--	--	UG/KG 0.55 U
Cyclohexane	--	--	--	UG/KG 11 U
Cymene	--	--	--	UG/KG 1.1 U
Dibromochloromethane	3000	5	3200	UG/KG 1.1 U
Dibromomethane	--	--	7700	UG/KG 2.2 U
Dichlorodifluoromethane	490000	39000	100000	UG/KG 11 U
Dichloroethylenes	--	--	--	UG/KG 1.1 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG 2.2 U
Ethylbenzene	7800000	13000	46000	UG/KG 1.1 U
Hexachlorobutadiene	6000	900	1200	UG/KG 4.4 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG 1.1 U
m,p-Xylene	--	--	--	UG/KG 2.2 U
Methyl Acetate	78000000	22000	1900000	UG/KG 4.4 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	110000	UG/KG 11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG 11 U
Methylcyclohexane	--	--	--	UG/KG 4.4 U
Methylene Chloride	46000	10	76	UG/KG 5.5 U
Naphthalene	6000	25000	25000	UG/KG 4.4 U
N-Butylbenzene	--	--	2600000	UG/KG 1.1 U
N-Propylbenzene	--	--	780000	UG/KG 1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG 1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (1-2)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
Sec-Butylbenzene	--	--	960000	UG/KG
Styrene	90000	3000	24000	UG/KG
T-Butylbenzene	--	--	740000	UG/KG
Tert-Butyl Alcohol	1400000	300	--	UG/KG
Tert-Butyl Methyl Ether	110000	200	280	UG/KG
Tetrachloroethylene (PCE)	43000	5	430	UG/KG
Toluene	6300000	7000	44000	UG/KG
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	460	UG/KG
Trans-1,2-Dichloroethene	300000	600	2300	UG/KG
Trans-1,3-Dichloropropene	2000	--	--	UG/KG
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG
Trichloroethylene (TCE)	3000	10	170	UG/KG
Trichlorofluoromethane	23000000	34000	87000	UG/KG
Vinyl Acetate	--	--	14000	UG/KG
Vinyl Chloride	700	5	27	UG/KG
Xylenes	12000000	19000	990000	UG/KG

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	180 U	180 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	200 U	180 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	180 U	180 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	200 U	180 U	180 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	180 U	170 U	160 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	200 U	180 U	180 U
2,4-Dinitrophenol	120000	300	460	UG/KG	960 U	890 U	880 U
2,4-Dinitrotoluene	700	--	200	UG/KG	200 U	180 U	180 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	200 U	180 U	180 U
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	180 U	180 U
2-Chlorophenol	310000	800	4400	UG/KG	200 U	180 U	180 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	40 J	220 U	220 U
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	200 U	180 U	180 U
2-Nitroaniline	39000	--	100	UG/KG	200 U	180 U	180 U
2-Nitrophenol	--	--	17000	UG/KG	430 U	400 U	400 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	130 J	270 U	260 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	200 U	180 U	180 U
3-Nitroaniline	--	--	91	UG/KG	200 U	180 U	180 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	520 U	480 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	180 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	180 U	180 U
4-Chloroaniline	--	--	52000	UG/KG	200 U	180 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	180 U
4-Nitroaniline	--	--	86	UG/KG	200 U	180 U	180 U
4-Nitrophenol	--	--	4100	UG/KG	280 U	260 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	110 J	49 J	24 J
Acenaphthylene	--	--	6900000	UG/KG	320	150 U	56 J
Acetophenone	2000	3000	540000	UG/KG	200 U	180 U	180 U
Anthracene	17000000	2400000	350000	UG/KG	410	120	86 J
Atrazine	210000	200	130	UG/KG	160 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	200 U	180 U	180 U
Benzaldehyde	6100000	--	--	UG/KG	260 U	240 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	660 U	610 U	610 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	1000	330	340
Benzo(A)Pyrene	500	200	11000	UG/KG	1100	330	360
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	1500	440	460
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	760	200	230
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	480	140	160
Benzoic Acid	--	--	7800000	UG/KG	640 U	600 U	600 U
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	180 U	180 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	200 U	180 U	180 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	450 U	420 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	180 U	170 U	160 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	240 U	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	200 U	180 U	180 U
Caprolactam	31000000	12000	--	UG/KG	200 U	180 U	180 U
Carbazole	24000	--	83000	UG/KG	260	46 J	35 J
Chrysene	450000	80000	230000	UG/KG	1100	330	340
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	190	54 J	62 J
Dibenzofuran	--	--	--	UG/KG	65 J	24 J	180 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	200 U	180 U	180 U
Dimethyl Phthalate	--	--	--	UG/KG	200 U	180 U	180 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	200 U	180 U	180 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	200 U	180 U	180 U
Fluoranthene	2300000	1300000	3200000	UG/KG	2400	730	630
Fluorene	2300000	170000	3800000	UG/KG	130 J	42 J	25 J
Hexachlorobenzene	300	200	960	UG/KG	120 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	200 U	180 U	180 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	570 U	530 U	530 U
Hexachloroethane	12000	200	560	UG/KG	160 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	790	220	240
Isophorone	510000	200	1900	UG/KG	180 U	170 U	160 U
Naphthalene	6000	25000	25000	UG/KG	79 J	180 U	180 U
Nitrobenzene	5000	200	2200	UG/KG	180 U	170 U	160 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)
					Sample Date:	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	400 U	370 U	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	200 U	180 U	180 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	160 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	160 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	1600	500	290	
Phenol	18000000	8000	66000	UG/KG	62 J	180 U	180 U	
Pyrene	1700000	840000	2200000	UG/KG	2100	620	580	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	200 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	200 U	200 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	200 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	200 U	200 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	120 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	180 U	180 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	200 U	200 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	970 U	980 U	890 U
2,4-Dinitrotoluene	700	--	200	UG/KG	200 U	200 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	200 U	200 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	200 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	200 U	200 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	170 J	51 J	34 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	200 U	200 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	200 U	200 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	440 U	440 U	400 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	42 J	110 J	38 J
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	200 U	200 U	190 U
3-Nitroaniline	--	--	91	UG/KG	200 U	200 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	530 U	530 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	200 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	200 U	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	190 U
4-Nitroaniline	--	--	86	UG/KG	200 U	200 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	280 U	280 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	600	160	200
Acenaphthylene	--	--	6900000	UG/KG	390	130 J	190
Acetophenone	2000	3000	540000	UG/KG	200 U	200 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	2100	410	1100
Atrazine	210000	200	130	UG/KG	160 U	160 U	150 U
Azobenzene	--	--	--	UG/KG	200 U	200 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	270 U	270 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	670 U	670 U	610 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	5300	1100	3100
Benzo(A)Pyrene	500	200	11000	UG/KG	4400	1100	3000
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	5700	1300	4000
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	2400	660	2000
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	1900	450	1200
Benzoic Acid	--	--	7800000	UG/KG	660 U	660 U	600 U
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	200 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	200 U	200 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	50 J	460 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	220 U	220 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	180 U	180 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	240 U	240 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	200 U	200 U	190 U
Caprolactam	31000000	12000	--	UG/KG	200 U	200 U	190 U
Carbazole	24000	--	83000	UG/KG	630	160 J	500
Chrysene	450000	80000	230000	UG/KG	5000	1100	2900
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	670	160	490
Dibenzofuran	--	--	--	UG/KG	350	84 J	140 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	200 U	200 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	200 U	200 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	200 U	200 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	200 U	200 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	12000	2400	7000
Fluorene	2300000	170000	3800000	UG/KG	670	170 J	190
Hexachlorobenzene	300	200	960	UG/KG	120 U	120 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	200 U	200 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	580 U	580 U	530 U
Hexachloroethane	12000	200	560	UG/KG	160 U	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	2700	700	2200
Isophorone	510000	200	1900	UG/KG	180 U	180 U	170 U
Naphthalene	6000	25000	25000	UG/KG	300	91 J	76 J
Nitrobenzene	5000	200	2200	UG/KG	180 U	180 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
					Sample Date:	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	400 U	410 U	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	200 U	200 U	190 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	160 U	160 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	160 U	160 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	7400	1700	4000	
Phenol	18000000	8000	66000	UG/KG	200 U	200 U	190 U	
Pyrene	1700000	840000	2200000	UG/KG	11000	2200	6000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	190 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190 U	190 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	900 U	890 U	900 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	190 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	190 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	190 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	540	55 J	650
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	190 U	190 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	190 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	410 U	400 U	410 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	57 J	270 U	72 J
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	190 U	190 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	490 U	480 U	490 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	1100	150	1100
Acenaphthylene	--	--	6900000	UG/KG	820	210	820
Acetophenone	2000	3000	540000	UG/KG	190 U	190 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	2600	550	2600
Atrazine	210000	200	130	UG/KG	150 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	190 U	190 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	250 U	240 U	82 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	620 U	610 U	620 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	6600	1600	6000
Benzo(A)Pyrene	500	200	11000	UG/KG	6800	1600	5000
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	9800	2000	6200
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	4000	1000	2700
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	2400	710	1900
Benzoic Acid	--	--	7800000	UG/KG	610 U	600 U	610 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	190 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	140 J	420 U	150 J
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	190 U	190 U	190 U
Caprolactam	31000000	12000	--	UG/KG	190 U	190 U	190 U
Carbazole	24000	--	83000	UG/KG	1500	200	920
Chrysene	450000	80000	230000	UG/KG	6500	1600	6200
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	1300	230	720
Dibenzofuran	--	--	--	UG/KG	860	100 J	830
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	190 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	190 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	190 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	13000	3800	11000
Fluorene	2300000	170000	3800000	UG/KG	1400	160 J	1700
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	190 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	540 U	530 U	540 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	4800	1100	3000
Isophorone	510000	200	1900	UG/KG	170 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	1200	100 J	2400
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
N-Nitrosodimethylamine	700	700	0.17	UG/KG	380 U	370 U	380 U
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	190 U	190 U
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	150 U
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	150 U
Phenanthrene	--	--	10000000	UG/KG	11000	2500	11000
Phenol	18000000	8000	66000	UG/KG	190 U	190 U	40 J
Pyrene	1700000	840000	2200000	UG/KG	11000	3600	11000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	180 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	180 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	190 U	180 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	160 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190	190 U	180 U
2,4-Dinitrophenol	120000	300	460	UG/KG	920 U	890 U	870 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	190 U	180 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	190 U	180 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	180 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	190 U	180 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	640	230	32 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	130 J	190 U	180 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	190 U	180 U
2-Nitrophenol	--	--	17000	UG/KG	410 U	400 U	390 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	320	270 U	260 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	190 U	180 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	180 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	500 U	480 U	470 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	180 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	180 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	180 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	180 U
4-Nitrophenol	--	--	4100	UG/KG	270 U	260 U	250 U
Acenaphthene	3400000	110000	4700000	UG/KG	590	350	94 J
Acenaphthylene	--	--	6900000	UG/KG	720	400	64 J
Acetophenone	2000	3000	540000	UG/KG	190 U	190 U	180 U
Anthracene	17000000	2400000	350000	UG/KG	1700	1000	260
Atrazine	210000	200	130	UG/KG	150 U	150 U	140 U
Azobenzene	--	--	--	UG/KG	190 U	190 U	180 U
Benzaldehyde	6100000	--	--	UG/KG	52 J	240 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	630 U	610 U	600 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	2600	2500	750
Benzo(A)Pyrene	500	200	11000	UG/KG	1800	2200	720
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	2400	3200	900
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	840	1400	440
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	720	640	300
Benzoic Acid	--	--	7800000	UG/KG	620 U	600 U	590 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	180 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	130 J	180 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	140 J	52 J	410 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	160 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	460	130 J	180 U
Caprolactam	31000000	12000	--	UG/KG	190 U	190 U	180 U
Carbazole	24000	--	83000	UG/KG	1600	590	120 J
Chrysene	450000	80000	230000	UG/KG	2200	2400	740
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	280	300	130
Dibenzofuran	--	--	--	UG/KG	710	340	70 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	190 U	180 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	180 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	190 U	180 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	190 U	180 U
Fluoranthene	2300000	1300000	3200000	UG/KG	6600	5300	1700
Fluorene	2300000	170000	3800000	UG/KG	1100	310	99 J
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	190 U	180 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	550 U	530 U	520 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	140 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	1100	1600	490
Isophorone	510000	200	1900	UG/KG	170 U	170 U	160 U
Naphthalene	6000	25000	25000	UG/KG	1300	300	66 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	160 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
					Sample Date:	06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	380 U	370 U	360 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	190 U	180 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	140 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	140 U	
Phenanthrene	--	--	10000000	UG/KG	6200	4400	1200	
Phenol	18000000	8000	66000	UG/KG	120 J	190 U	180 U	
Pyrene	1700000	840000	2200000	UG/KG	6100	4600	1500	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	190 U	180 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	200 U	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	190 U	180 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	200 U	190 U	180 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	120 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	180 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	200 U	190 U	180 U
2,4-Dinitrophenol	120000	300	460	UG/KG	940 U	930 U	880 U
2,4-Dinitrotoluene	700	--	200	UG/KG	200 U	190 U	180 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	200 U	190 U	180 U
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	190 U	180 U
2-Chlorophenol	310000	800	4400	UG/KG	200 U	190 U	180 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	33 J	450	1100
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	200 U	190 U	180 U
2-Nitroaniline	39000	--	100	UG/KG	200 U	190 U	180 U
2-Nitrophenol	--	--	17000	UG/KG	420 U	420 U	400 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	280 U	280 U	52 J
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	200 U	190 U	180 U
3-Nitroaniline	--	--	91	UG/KG	200 U	190 U	180 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	510 U	500 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	190 U	180 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	190 U	180 U
4-Chloroaniline	--	--	52000	UG/KG	200 U	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	190 U	180 U
4-Nitroaniline	--	--	86	UG/KG	200 U	190 U	180 U
4-Nitrophenol	--	--	4100	UG/KG	270 U	270 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	85 J	1300	2000
Acenaphthylene	--	--	6900000	UG/KG	110 J	180	1400
Acetophenone	2000	3000	540000	UG/KG	200 U	190 U	180 U
Anthracene	17000000	2400000	350000	UG/KG	260	3000	6100
Atrazine	210000	200	130	UG/KG	160 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	200 U	190 U	180 U
Benzaldehyde	6100000	--	--	UG/KG	260 U	250 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	640 U	640 U	610 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	910	4900	14000
Benzo(A)Pyrene	500	200	11000	UG/KG	870	4300	12000
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	1200	5700	18000
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	540	2300	6200
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	350	1700	3600
Benzoic Acid	--	--	7800000	UG/KG	630 U	620 U	600 U
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	190 U	180 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	200 U	190 U	180 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	450 U	130 J	350 J
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	210 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	180 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	110 J	190 U	180 U
Caprolactam	31000000	12000	--	UG/KG	200 U	190 U	180 U
Carbazole	24000	--	83000	UG/KG	150 J	1200	3900
Chrysene	450000	80000	230000	UG/KG	900	4400	15000
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	160	680	2300
Dibenzofuran	--	--	--	UG/KG	54 J	870	2400
Diethyl Phthalate	49000000	88000	160000	UG/KG	200 U	190 U	180 U
Dimethyl Phthalate	--	--	--	UG/KG	200 U	190 U	180 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	200 U	190 U	180 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	200 U	190 U	180 U
Fluoranthene	2300000	1300000	3200000	UG/KG	1800	12000	33000
Fluorene	2300000	170000	3800000	UG/KG	78 J	1400	3100
Hexachlorobenzene	300	200	960	UG/KG	120 U	120 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	200 U	190 U	180 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	560 U	550 U	530 U
Hexachloroethane	12000	200	560	UG/KG	160 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	610	2800	9500
Isophorone	510000	200	1900	UG/KG	180 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	70 J	940	2000
Nitrobenzene	5000	200	2200	UG/KG	180 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)
					Sample Date:	06/20/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	390 U	390 U	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	200 U	190 U	180 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	160 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	160 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	1100	12000	32000	
Phenol	18000000	8000	66000	UG/KG	200 U	190 U	180 U	
Pyrene	1700000	840000	2200000	UG/KG	1600	10000	27000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	180 U	190 U	200 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	180 U	190 U	200 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	120 U	120 U	120 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	180 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	180 U	190 U	200 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	890 U	920 U	940 U	930 U
2,4-Dinitrotoluene	700	--	200	UG/KG	180 U	190 U	200 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	180 U	190 U	200 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	190 U	200 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	180 U	190 U	200 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	79 J	930	26 J	90 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	180 U	190 U	200 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	180 U	190 U	200 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	400 U	420 U	420 U	420 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	270 U	34 J	280 U	280 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	180 U	190 U	200 U	190 U
3-Nitroaniline	--	--	91	UG/KG	180 U	190 U	200 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	480 U	500 U	510 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	190 U	200 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	190 U	200 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	180 U	190 U	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	190 U	200 U	190 U
4-Nitroaniline	--	--	86	UG/KG	180 U	190 U	200 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	270 U	280 U	270 U
Acenaphthene	3400000	110000	4700000	UG/KG	190	92 J	62 J	140 J
Acenaphthylene	--	--	6900000	UG/KG	98 J	110 J	60 J	72 J
Acetophenone	2000	3000	540000	UG/KG	180 U	190 U	200 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	460	360	170	270
Atrazine	210000	200	130	UG/KG	150 U	150 U	160 U	160 U
Azobenzene	--	--	--	UG/KG	180 U	190 U	200 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	240 U	250 U	53 J	260 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Benzidine	700	700	340	UG/KG	610 U	630 U	650 U	640 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	1100	820	490	540
Benzo(A)Pyrene	500	200	11000	UG/KG	920	710	450	460
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	1200	880	580	580
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	620	750	290	290
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	340	350	200	210
Benzoic Acid	--	--	7800000	UG/KG	600 U	620 U	640 U	630 U
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	190 U	200 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	180 U	620	200 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	420 U	440 U	450 U	440 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	210 U	210 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	180 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	220 U	230 U	240 U	230 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	180 U	930	200 U	190 U
Caprolactam	31000000	12000	--	UG/KG	180 U	190 U	200 U	190 U
Carbazole	24000	--	83000	UG/KG	160 J	130 J	71 J	110 J
Chrysene	450000	80000	230000	UG/KG	1100	860	490	520
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	130	120	73 J	73 J
Dibenzofuran	--	--	--	UG/KG	120 J	61 J	31 J	110 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	180 U	190 U	200 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	180 U	190 U	200 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	180 U	83 J	200 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	180 U	190 U	200 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	2400	1600	1000	1200
Fluorene	2300000	170000	3800000	UG/KG	190	150 J	56 J	150 J
Hexachlorobenzene	300	200	960	UG/KG	110 U	120 U	120 U	120 U
Hexachlorobutadiene	6000	900	1200	UG/KG	180 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	530 U	550 U	560 U	550 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	160 U	160 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	590	610	300	300
Isophorone	510000	200	1900	UG/KG	170 U	170 U	180 U	170 U
Naphthalene	6000	25000	25000	UG/KG	87 J	590	37 J	170 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	180 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
					Sample Date:	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
N-Nitrosodimethylamine	700	700	0.17	UG/KG	370 U	380 U	390 U	390 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	180 U	190 U	200 U	190 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	67 J	160 U	160 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	160 U	160 U	
Phenanthrene	--	--	10000000	UG/KG	2300	1200	720	1200	
Phenol	18000000	8000	66000	UG/KG	180 U	190 U	200 U	190 U	
Pyrene	1700000	840000	2200000	UG/KG	2200	1700	960	1000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	180 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	180 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	190 U	180 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190 U	190 U	180 U
2,4-Dinitrophenol	120000	300	460	UG/KG	920 U	890 U	890 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	190 U	180 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	190 U	180 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	180 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	190 U	180 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	44 J	49 J	220 U
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	190 U	190 U	180 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	190 U	180 U
2-Nitrophenol	--	--	17000	UG/KG	420 U	400 U	400 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	280 U	270 U	270 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	190 U	180 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	180 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	500 U	480 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	180 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	180 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	180 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	180 U
4-Nitrophenol	--	--	4100	UG/KG	270 U	260 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	88 J	120 J	55 J
Acenaphthylene	--	--	6900000	UG/KG	140 J	160	34 J
Acetophenone	2000	3000	540000	UG/KG	190 U	190 U	180 U
Anthracene	17000000	2400000	350000	UG/KG	320	310	140
Atrazine	210000	200	130	UG/KG	150 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	190 U	190 U	180 U
Benzaldehyde	6100000	--	--	UG/KG	250 U	250 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	630 U	620 U	610 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	750	1100	460
Benzo(A)Pyrene	500	200	11000	UG/KG	620	960	450
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	900	1400	580
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	480	720	290
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	230	290	200
Benzoic Acid	--	--	7800000	UG/KG	620 U	600 U	600 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	180 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	190 U	180 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	440 U	420 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	200	190 U	180 U
Caprolactam	31000000	12000	--	UG/KG	190 U	190 U	180 U
Carbazole	24000	--	83000	UG/KG	150 J	170 J	65 J
Chrysene	450000	80000	230000	UG/KG	770	1100	470
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	120	130	83 J
Dibenzofuran	--	--	--	UG/KG	81 J	87 J	29 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	190 U	180 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	180 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	190 U	180 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	190 U	180 U
Fluoranthene	2300000	1300000	3200000	UG/KG	1500	2300	990
Fluorene	2300000	170000	3800000	UG/KG	110 J	120 J	54 J
Hexachlorobenzene	300	200	960	UG/KG	120 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	190 U	180 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	550 U	530 U	530 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	480	740	310
Isophorone	510000	200	1900	UG/KG	170 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	90 J	100 J	39 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
					Sample Date:	06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	380 U	370 U	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	190 U	180 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	1200	1500	620	
Phenol	18000000	8000	66000	UG/KG	190 U	190 U	180 U	
Pyrene	1700000	840000	2200000	UG/KG	1300	2200	900	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	200 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	180 U	200 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	200 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	180 U	200 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	120 U	120 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	180 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	180 U	200 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	890 U	960 U	930 U
2,4-Dinitrotoluene	700	--	200	UG/KG	180 U	200 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	180 U	200 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	200 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	180 U	200 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	80 J	240 U	100 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	180 U	200 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	180 U	200 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	400 U	430 U	420 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	270 U	290 U	280 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	180 U	200 U	190 U
3-Nitroaniline	--	--	91	UG/KG	180 U	200 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	480 U	520 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	200 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	200 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	180 U	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	200 U	190 U
4-Nitroaniline	--	--	86	UG/KG	180 U	200 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	280 U	270 U
Acenaphthene	3400000	110000	4700000	UG/KG	210	160 U	240
Acenaphthylene	--	--	6900000	UG/KG	88 J	160 U	240
Acetophenone	2000	3000	540000	UG/KG	180 U	200 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	370	120 U	750
Atrazine	210000	200	130	UG/KG	150 U	160 U	160 U
Azobenzene	--	--	--	UG/KG	180 U	200 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	240 U	130 J	260 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	610 U	660 U	640 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	1000	100 J	1800
Benzo(A)Pyrene	500	200	11000	UG/KG	840	100 J	1600
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	1100	140	2000
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	450	85 J	1000
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	370	42 J	730
Benzoic Acid	--	--	7800000	UG/KG	600 U	650 U	630 U
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	200 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	180 U	200 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	420 U	460 U	440 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	220 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	180 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	220 U	240 U	230 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	160 J	200 U	190 U
Caprolactam	31000000	12000	--	UG/KG	180 U	200 U	190 U
Carbazole	24000	--	83000	UG/KG	160 J	200 U	300
Chrysene	450000	80000	230000	UG/KG	980	110 J	1800
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	140	25 J	270
Dibenzofuran	--	--	--	UG/KG	100 J	200 U	150 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	180 U	200 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	180 U	200 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	180 U	200 U	57 J
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	180 U	200 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	2000	210	3900
Fluorene	2300000	170000	3800000	UG/KG	200	200 U	270
Hexachlorobenzene	300	200	960	UG/KG	110 U	120 U	120 U
Hexachlorobutadiene	6000	900	1200	UG/KG	180 U	200 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	530 U	580 U	550 U
Hexachloroethane	12000	200	560	UG/KG	150 U	160 U	160 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	520	79 J	1000
Isophorone	510000	200	1900	UG/KG	170 U	180 U	170 U
Naphthalene	6000	25000	25000	UG/KG	170 J	200 U	150 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	180 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
N-Nitrosodimethylamine	700	700	0.17	UG/KG	370 U	400 U	390 U
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	180 U	200 U	190 U
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	160 U	160 U
Pentachlorophenol	900	300	5000	UG/KG	150 U	160 U	160 U
Phenanthrene	--	--	10000000	UG/KG	1900	120	3200
Phenol	18000000	8000	66000	UG/KG	180 U	200 U	190 U
Pyrene	1700000	840000	2200000	UG/KG	2000	190	3600

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:					06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	360 U	210 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	360 U	210 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	360 U	210 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	360 U	210 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	220 U	120 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	320 U	190 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190 U	360 U	210 U
2,4-Dinitrophenol	120000	300	460	UG/KG	930 U	1700 U	1000 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	360 U	210 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	360 U	210 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	360 U	210 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	360 U	210 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	200 J	150 J	89 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	190 U	360 U	210 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	360 U	210 U
2-Nitrophenol	--	--	17000	UG/KG	420 U	770 U	450 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	36 J	520 U	300 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	360 U	210 U
3-Nitroaniline	--	--	91	UG/KG	190 U	360 U	210 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	500 U	930 U	540 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	360 U	210 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	360 U	210 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	360 U	210 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	360 U	210 U
4-Nitroaniline	--	--	86	UG/KG	190 U	360 U	210 U
4-Nitrophenol	--	--	4100	UG/KG	270 U	500 U	290 U
Acenaphthene	3400000	110000	4700000	UG/KG	420	440	28 J
Acenaphthylene	--	--	6900000	UG/KG	460	310	52 J
Acetophenone	2000	3000	540000	UG/KG	190 U	360 U	210 U
Anthracene	17000000	2400000	350000	UG/KG	1400	980	83 J
Atrazine	210000	200	130	UG/KG	160 U	290 U	170 U
Azobenzene	--	--	--	UG/KG	190 U	360 U	210 U
Benzaldehyde	6100000	--	--	UG/KG	260 U	470 U	280 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:					06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	640 U	1200 U	690 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	3700	2700	300
Benzo(A)Pyrene	500	200	11000	UG/KG	3300	2200	160 J
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	4300	3100	250
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	2000	1500	130 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	1500	910	73 J
Benzoic Acid	--	--	7800000	UG/KG	630 U	1200 U	680 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	360 U	210 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	360 U	210 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	54 J	820 U	480 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	390 U	230 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	320 U	190 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	430 U	250 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	190 U	360 U	210 U
Caprolactam	31000000	12000	--	UG/KG	190 U	360 U	210 U
Carbazole	24000	--	83000	UG/KG	550	450	39 J
Chrysene	450000	80000	230000	UG/KG	3600	2600	250
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	510	400	33 J
Dibenzofuran	--	--	--	UG/KG	320	220 J	32 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	360 U	210 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	360 U	210 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	86 J	210 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	360 U	210 U
Fluoranthene	2300000	1300000	3200000	UG/KG	7900	5900	610
Fluorene	2300000	170000	3800000	UG/KG	360	350 J	27 J
Hexachlorobenzene	300	200	960	UG/KG	120 U	220 U	120 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	360 U	210 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	560 U	1000 U	600 U
Hexachloroethane	12000	200	560	UG/KG	160 U	290 U	170 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	2200	1700	140 J
Isophorone	510000	200	1900	UG/KG	170 U	320 U	190 U
Naphthalene	6000	25000	25000	UG/KG	420	300 J	89 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	320 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
					Sample Date:	06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	390 U	720 U	420 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	360 U	210 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	160 U	290 U	170 U	
Pentachlorophenol	900	300	5000	UG/KG	160 U	290 U	170 U	
Phenanthrene	--	--	10000000	UG/KG	5800	3700	350	
Phenol	18000000	8000	66000	UG/KG	190 U	360 U	210 U	
Pyrene	1700000	840000	2200000	UG/KG	7200	5100	520	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:					06/25/2018	06/20/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	190 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190 U	190 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	910 U	890 U	910 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	190 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	190 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	190 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	140 J	220 U	230 U
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	190 U	190 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	190 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	410 U	400 U	410 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	270 U	270 U	270 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	190 U	190 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	490 U	480 U	490 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	300	25 J	150 U
Acenaphthylene	--	--	6900000	UG/KG	220	160	150 U
Acetophenone	2000	3000	540000	UG/KG	190 U	190 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	680	200	110 U
Atrazine	210000	200	130	UG/KG	150 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	190 U	190 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	250 U	240 U	250 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:					06/25/2018	06/20/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	620 U	610 U	630 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	2000	950	100 J
Benzo(A)Pyrene	500	200	11000	UG/KG	1800	910	71 J
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	2300	1200	110
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	1300	540	58 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	850	400	30 J
Benzoic Acid	--	--	7800000	UG/KG	610 U	600 U	620 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	190 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	430 U	420 U	430 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	230 U	220 U	230 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	190 U	190 U	190 U
Caprolactam	31000000	12000	--	UG/KG	190 U	190 U	190 U
Carbazole	24000	--	83000	UG/KG	310	82 J	190 U
Chrysene	450000	80000	230000	UG/KG	1800	860	93 J
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	340	160	110 U
Dibenzofuran	--	--	--	UG/KG	160 J	28 J	190 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	190 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	190 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	190 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	3700	1700	180
Fluorene	2300000	170000	3800000	UG/KG	240	38 J	190 U
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	190 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	540 U	530 U	540 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	1400	570	52 J
Isophorone	510000	200	1900	UG/KG	170 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	320	32 J	190 U
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
					Sample Date:	06/25/2018	06/20/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	380 U	370 U	380 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	190 U	190 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	2400	700	73 J	
Phenol	18000000	8000	66000	UG/KG	190 U	190 U	190 U	
Pyrene	1700000	840000	2200000	UG/KG	3200	1500	160	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	180 U	360 U	1800 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	180 U	180 U	360 U	1800 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	180 U	360 U	1800 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	180 U	180 U	360 U	1800 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	220 U	1100 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	160 U	160 U	320 U	1600 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	180 U	180 U	360 U	1800 U
2,4-Dinitrophenol	120000	300	460	UG/KG	880 U	880 U	1700 U	8500 U
2,4-Dinitrotoluene	700	--	200	UG/KG	180 U	180 U	360 U	1800 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	180 U	180 U	360 U	1800 U
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	180 U	360 U	1800 U
2-Chlorophenol	310000	800	4400	UG/KG	180 U	180 U	360 U	1800 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	65 J	75 J	230 J	360 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	180 U	180 U	360 U	1800 U
2-Nitroaniline	39000	--	100	UG/KG	180 U	180 U	360 U	1800 U
2-Nitrophenol	--	--	17000	UG/KG	400 U	390 U	780 U	3800 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	260 U	260 U	520 U	2600 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	180 U	180 U	360 U	1800 U
3-Nitroaniline	--	--	91	UG/KG	180 U	180 U	360 U	1800 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	480 U	470 U	940 U	4600 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	360 U	1800 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	180 U	360 U	1800 U
4-Chloroaniline	--	--	52000	UG/KG	180 U	180 U	360 U	1800 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	360 U	1800 U
4-Nitroaniline	--	--	86	UG/KG	180 U	180 U	360 U	1800 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	510 U	2500 U
Acenaphthene	3400000	110000	4700000	UG/KG	92 J	170	460	1900
Acenaphthylene	--	--	6900000	UG/KG	72 J	170	270 J	1300 J
Acetophenone	2000	3000	540000	UG/KG	180 U	180 U	360 U	1800 U
Anthracene	17000000	2400000	350000	UG/KG	260	550	1200	5400
Atrazine	210000	200	130	UG/KG	150 U	140 U	290 U	1400 U
Azobenzene	--	--	--	UG/KG	180 U	180 U	360 U	1800 U
Benzaldehyde	6100000	--	--	UG/KG	240 U	240 U	480 U	2400 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Benzidine	700	700	340	UG/KG	610 U	600 U	1200 U	5900 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	680	1600	3000	11000
Benzo(A)Pyrene	500	200	11000	UG/KG	480	1200	2400	9700
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	670	1700	3300	12000
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	290	890	1700	5700
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	220	520	1200	4500
Benzoic Acid	--	--	7800000	UG/KG	600 U	590 U	1200 U	5800 U
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	180 U	360 U	1800 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	180 U	180 U	360 U	1800 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	420 U	420 U	820 U	4000 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	390 U	1900 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	160 U	160 U	320 U	1600 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	220 U	220 U	430 U	2100 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	180 U	180 U	360 U	1800 U
Caprolactam	31000000	12000	--	UG/KG	180 U	180 U	360 U	1800 U
Carbazole	24000	--	83000	UG/KG	120 J	240	580	1600 J
Chrysene	450000	80000	230000	UG/KG	580	1400	2900	10000
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	68 J	220	440	1500
Dibenzofuran	--	--	--	UG/KG	70 J	140 J	420	1200 J
Diethyl Phthalate	49000000	88000	160000	UG/KG	180 U	180 U	360 U	1800 U
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	360 U	1800 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	180 U	180 U	360 U	1800 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	180 U	180 U	360 U	1800 U
Fluoranthene	2300000	1300000	3200000	UG/KG	1800	4300	7000	25000
Fluorene	2300000	170000	3800000	UG/KG	100 J	180	450	2400
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	220 U	1100 U
Hexachlorobutadiene	6000	900	1200	UG/KG	180 U	180 U	360 U	1800 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	530 U	520 U	1000 U	5100 U
Hexachloroethane	12000	200	560	UG/KG	150 U	140 U	290 U	1400 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	320	950	1900	6400
Isophorone	510000	200	1900	UG/KG	160 U	160 U	320 U	1600 U
Naphthalene	6000	25000	25000	UG/KG	82 J	140 J	380	830 J
Nitrobenzene	5000	200	2200	UG/KG	160 U	160 U	320 U	1600 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
					Sample Date:	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
N-Nitrosodimethylamine	700	700	0.17	UG/KG	370 U	360 U	720 U	3600 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	180 U	180 U	360 U	1800 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	140 U	290 U	1400 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	140 U	290 U	1400 U	
Phenanthrene	--	--	10000000	UG/KG	1200	2900	6000	21000	
Phenol	18000000	8000	66000	UG/KG	180 U	180 U	360 U	1800 U	
Pyrene	1700000	840000	2200000	UG/KG	1400	3600	6000	20000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:					06/25/2018	06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	180 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	180 U	180 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	180 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	180 U	180 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	160 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	180 U	180 U	77 J
2,4-Dinitrophenol	120000	300	460	UG/KG	880 U	890 U	920 U
2,4-Dinitrotoluene	700	--	200	UG/KG	180 U	180 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	180 U	180 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	180 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	180 U	180 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	960	48 J	1600
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	37 J	180 U	52 J
2-Nitroaniline	39000	--	100	UG/KG	180 U	180 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	400 U	400 U	410 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	120 J	270 U	180 J
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	180 U	180 U	190 U
3-Nitroaniline	--	--	91	UG/KG	180 U	180 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	480 U	480 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	180 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	180 U	180 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	190 U
4-Nitroaniline	--	--	86	UG/KG	180 U	180 U	1100
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	270 U
Acenaphthene	3400000	110000	4700000	UG/KG	2200	120 J	4800
Acenaphthylene	--	--	6900000	UG/KG	2100	44 J	5800
Acetophenone	2000	3000	540000	UG/KG	180 U	180 U	26 J
Anthracene	17000000	2400000	350000	UG/KG	6900	260	16000
Atrazine	210000	200	130	UG/KG	150 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	180 U	180 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	240 U	240 U	69 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:					06/25/2018	06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	600 U	610 U	630 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	16000	900	34000
Benzo(A)Pyrene	500	200	11000	UG/KG	16000	830	29000
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	21000	1100	35000
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	9400	550	17000
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	2200	290	6600
Benzoic Acid	--	--	7800000	UG/KG	590 U	600 U	620 U
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	180 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	180 U	78 J	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	310 J	420 U	650
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	160 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	220 U	220 U	230 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	180 U	180 U	190 U
Caprolactam	31000000	12000	--	UG/KG	180 U	180 U	190 U
Carbazole	24000	--	83000	UG/KG	4400	150 J	5400
Chrysene	450000	80000	230000	UG/KG	15000	790	29000
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	2100	100 J	6800
Dibenzofuran	--	--	--	UG/KG	2400	95 J	4100
Diethyl Phthalate	49000000	88000	160000	UG/KG	180 U	180 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	180 U	180 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	180 U	180 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	38000	1700	80000
Fluorene	2300000	170000	3800000	UG/KG	4300	120 J	6800
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	180 U	180 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	520 U	530 U	550 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	11000	550	19000
Isophorone	510000	200	1900	UG/KG	160 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	1400	100 J	2500
Nitrobenzene	5000	200	2200	UG/KG	160 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)
					Sample Date:	06/25/2018	06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	370 U	370 U	380 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	180 U	180 U	190 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	32000	1200	64000	
Phenol	18000000	8000	66000	UG/KG	56 J	180 U	100 J	
Pyrene	1700000	840000	2200000	UG/KG	28000	1600	72000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:					06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	210 U	200 U	200 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	210 U	200 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	210 U	200 U	200 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	210 U	200 U	200 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	130 U	120 U	120 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	190 U	180 U	180 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	210 U	200 U	200 U
2,4-Dinitrophenol	120000	300	460	UG/KG	1000 U	960 U	980 U
2,4-Dinitrotoluene	700	--	200	UG/KG	210 U	200 U	200 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	210 U	200 U	200 U
2-Chloronaphthalene	--	--	18000000	UG/KG	210 U	200 U	200 U
2-Chlorophenol	310000	800	4400	UG/KG	210 U	200 U	200 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	250 U	570	71 J
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	210 U	200 U	200 U
2-Nitroaniline	39000	--	100	UG/KG	210 U	200 U	200 U
2-Nitrophenol	--	--	17000	UG/KG	460 U	430 U	440 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	300 U	290 U	290 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	210 U	200 U	200 U
3-Nitroaniline	--	--	91	UG/KG	210 U	200 U	200 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	550 U	520 U	530 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	210 U	200 U	200 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	210 U	200 U	200 U
4-Chloroaniline	--	--	52000	UG/KG	210 U	200 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	210 U	200 U	200 U
4-Nitroaniline	--	--	86	UG/KG	210 U	200 U	200 U
4-Nitrophenol	--	--	4100	UG/KG	300 U	280 U	280 U
Acenaphthene	3400000	110000	4700000	UG/KG	170 U	160 U	160 U
Acenaphthylene	--	--	6900000	UG/KG	170 U	160 U	160 U
Acetophenone	2000	3000	540000	UG/KG	210 U	200 U	200 U
Anthracene	17000000	2400000	350000	UG/KG	130 U	83 J	120 U
Atrazine	210000	200	130	UG/KG	170 U	160 U	160 U
Azobenzene	--	--	--	UG/KG	210 U	200 U	200 U
Benzaldehyde	6100000	--	--	UG/KG	280 U	260 U	270 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:					06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	700 U	660 U	670 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	130 U	140	55 J
Benzo(A)Pyrene	500	200	11000	UG/KG	170 U	110 J	160 U
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	130 U	120	57 J
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	170 U	160	37 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	130 U	39 J	120 U
Benzoic Acid	--	--	7800000	UG/KG	690 U	650 U	660 U
Benzyl Alcohol	--	--	1100000	UG/KG	210 U	200 U	200 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	210 U	200 U	53 J
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	480 U	460 U	460 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	230 U	220 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	190 U	180 U	180 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	250 U	240 U	240 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	210 U	500	200 U
Caprolactam	31000000	12000	--	UG/KG	210 U	200 U	200 U
Carbazole	24000	--	83000	UG/KG	210 U	200 U	200 U
Chrysene	450000	80000	230000	UG/KG	130 U	99 J	48 J
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	130 U	120 U	120 U
Dibenzofuran	--	--	--	UG/KG	210 U	200 U	200 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	210 U	200 U	200 U
Dimethyl Phthalate	--	--	--	UG/KG	210 U	200 U	200 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	210 U	200 U	200 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	210 U	200 U	200 U
Fluoranthene	2300000	1300000	3200000	UG/KG	130 U	170	99 J
Fluorene	2300000	170000	3800000	UG/KG	210 U	71 J	200 U
Hexachlorobenzene	300	200	960	UG/KG	130 U	120 U	120 U
Hexachlorobutadiene	6000	900	1200	UG/KG	210 U	200 U	200 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	610 U	570 U	580 U
Hexachloroethane	12000	200	560	UG/KG	170 U	160 U	160 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	170 U	60 J	34 J
Isophorone	510000	200	1900	UG/KG	190 U	180 U	180 U
Naphthalene	6000	25000	25000	UG/KG	210 U	420	41 J
Nitrobenzene	5000	200	2200	UG/KG	190 U	180 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
					Sample Date:	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	420 U	400 U	410 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	210 U	200 U	200 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	170 U	160 U	160 U	
Pentachlorophenol	900	300	5000	UG/KG	170 U	160 U	160 U	
Phenanthrene	--	--	10000000	UG/KG	130 U	220	83 J	
Phenol	18000000	8000	66000	UG/KG	210 U	200 U	200 U	
Pyrene	1700000	840000	2200000	UG/KG	130 U	300	100 J	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
Sample Date:					06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	180 U	890 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	200 U	180 U	890 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	180 U	890 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	200 U	180 U	890 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	120 U	110 U	540 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	180 U	160 U	800 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	200 U	180 U	890 U
2,4-Dinitrophenol	120000	300	460	UG/KG	960 U	860 U	4300 U
2,4-Dinitrotoluene	700	--	200	UG/KG	200 U	180 U	890 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	200 U	180 U	890 U
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	180 U	890 U
2-Chlorophenol	310000	800	4400	UG/KG	200 U	180 U	890 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	1100	740	4200
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	200 U	180 U	890 U
2-Nitroaniline	39000	--	100	UG/KG	200 U	180 U	890 U
2-Nitrophenol	--	--	17000	UG/KG	430 U	390 U	1900 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	290 U	260 U	1300 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	200 U	180 U	890 U
3-Nitroaniline	--	--	91	UG/KG	200 U	180 U	890 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	520 U	470 U	2300 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	890 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	180 U	890 U
4-Chloroaniline	--	--	52000	UG/KG	200 U	180 U	890 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	890 U
4-Nitroaniline	--	--	86	UG/KG	200 U	180 U	890 U
4-Nitrophenol	--	--	4100	UG/KG	280 U	250 U	1200 U
Acenaphthene	3400000	110000	4700000	UG/KG	22 J	140 U	710 U
Acenaphthylene	--	--	6900000	UG/KG	160 U	140 U	710 U
Acetophenone	2000	3000	540000	UG/KG	200 U	180 U	890 U
Anthracene	17000000	2400000	350000	UG/KG	65 J	61 J	270 J
Atrazine	210000	200	130	UG/KG	160 U	140 U	710 U
Azobenzene	--	--	--	UG/KG	200 U	180 U	890 U
Benzaldehyde	6100000	--	--	UG/KG	260 U	240 U	1200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
Sample Date:					06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	660 U	590 U	2900 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	110 J	100 J	370 J
Benzo(A)Pyrene	500	200	11000	UG/KG	89 J	81 J	290 J
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	100 J	100 J	240 J
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	120 J	140	380 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	120 U	29 J	540 U
Benzoic Acid	--	--	7800000	UG/KG	650 U	580 U	2900 U
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	180 U	890 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	200 U	180 U	1400
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	460 U	410 U	2000 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	220 U	190 U	960 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	180 U	160 U	800 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	240 U	220 U	1100 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	960	180 U	1600
Caprolactam	31000000	12000	--	UG/KG	200 U	180 U	890 U
Carbazole	24000	--	83000	UG/KG	200 U	180 U	890 U
Chrysene	450000	80000	230000	UG/KG	85 J	83 J	290 J
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	120 U	110 U	540 U
Dibenzofuran	--	--	--	UG/KG	200 U	180 U	890 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	200 U	180 U	890 U
Dimethyl Phthalate	--	--	--	UG/KG	200 U	180 U	890 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	200 U	180 U	890 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	200 U	180 U	890 U
Fluoranthene	2300000	1300000	3200000	UG/KG	120	110	540
Fluorene	2300000	170000	3800000	UG/KG	63 J	60 J	260 J
Hexachlorobenzene	300	200	960	UG/KG	120 U	110 U	540 U
Hexachlorobutadiene	6000	900	1200	UG/KG	200 U	180 U	890 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	570 U	510 U	2600 U
Hexachloroethane	12000	200	560	UG/KG	160 U	140 U	710 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	55 J	61 J	170 J
Isophorone	510000	200	1900	UG/KG	180 U	160 U	800 U
Naphthalene	6000	25000	25000	UG/KG	820	440	2500
Nitrobenzene	5000	200	2200	UG/KG	180 U	160 U	800 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
					Sample Date:	06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	400 U	360 U	1800 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	200 U	180 U	890 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	160 U	140 U	710 U	
Pentachlorophenol	900	300	5000	UG/KG	160 U	140 U	710 U	
Phenanthrene	--	--	10000000	UG/KG	200	170	800	
Phenol	18000000	8000	66000	UG/KG	200 U	180 U	890 U	
Pyrene	1700000	840000	2200000	UG/KG	230	220	930	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	1900 U	1900 U	400 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	1900 U	1900 U	400 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	1900 U	1900 U	400 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	1900 U	1900 U	400 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	1200 U	1100 U	240 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	1700 U	1700 U	360 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	1900 U	1900 U	400 U
2,4-Dinitrophenol	120000	300	460	UG/KG	9200 U	9000 U	1900 U
2,4-Dinitrotoluene	700	--	200	UG/KG	1900 U	1900 U	400 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	1900 U	1900 U	400 U
2-Chloronaphthalene	--	--	18000000	UG/KG	1900 U	1900 U	400 U
2-Chlorophenol	310000	800	4400	UG/KG	1900 U	1900 U	400 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	1600 J	750 J	520
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	1900 U	1900 U	400 U
2-Nitroaniline	39000	--	100	UG/KG	1900 U	1900 U	400 U
2-Nitrophenol	--	--	17000	UG/KG	4200 U	4100 U	870 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	2800 U	2700 U	580 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	1900 U	1900 U	400 U
3-Nitroaniline	--	--	91	UG/KG	1900 U	1900 U	400 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	5000 U	4900 U	1000 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	1900 U	1900 U	400 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	1900 U	1900 U	400 U
4-Chloroaniline	--	--	52000	UG/KG	1900 U	1900 U	400 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	1900 U	1900 U	400 U
4-Nitroaniline	--	--	86	UG/KG	1900 U	1900 U	400 U
4-Nitrophenol	--	--	4100	UG/KG	2700 U	2600 U	560 U
Acenaphthene	3400000	110000	4700000	UG/KG	1500 U	2300	320 U
Acenaphthylene	--	--	6900000	UG/KG	1500 U	1700	320 U
Acetophenone	2000	3000	540000	UG/KG	1900 U	1900 U	400 U
Anthracene	17000000	2400000	350000	UG/KG	1200 U	8000	240 U
Atrazine	210000	200	130	UG/KG	1500 U	1500 U	320 U
Azobenzene	--	--	--	UG/KG	1900 U	1900 U	400 U
Benzaldehyde	6100000	--	--	UG/KG	2500 U	2500 U	530 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	6300 U	6200 U	1300 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	1200 U	22000	99 J
Benzo(A)Pyrene	500	200	11000	UG/KG	1500 U	20000	320 U
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	1200 U	25000	99 J
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	320 J	12000	130 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	1200 U	8400	240 U
Benzoic Acid	--	--	7800000	UG/KG	6200 U	6100 U	1300 U
Benzyl Alcohol	--	--	1100000	UG/KG	1900 U	1900 U	400 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	1900 U	1900 U	200 J
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	4400 U	4300 U	920 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	2100 U	2000 U	430 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	1700 U	1700 U	360 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	2300 U	2200 U	480 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	1900 U	1900 U	540
Caprolactam	31000000	12000	--	UG/KG	1900 U	1900 U	400 U
Carbazole	24000	--	83000	UG/KG	1900 U	2700	400 U
Chrysene	450000	80000	230000	UG/KG	1200 U	21000	80 J
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	1200 U	2800	240 U
Dibenzofuran	--	--	--	UG/KG	1900 U	1600 J	400 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	1900 U	1900 U	400 U
Dimethyl Phthalate	--	--	--	UG/KG	1900 U	1900 U	400 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	1900 U	1900 U	400 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	1900 U	1900 U	400 U
Fluoranthene	2300000	1300000	3200000	UG/KG	1200 U	49000	130 J
Fluorene	2300000	170000	3800000	UG/KG	1900 U	2200	400 U
Hexachlorobenzene	300	200	960	UG/KG	1200 U	1100 U	240 U
Hexachlorobutadiene	6000	900	1200	UG/KG	1900 U	1900 U	400 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	5500 U	5400 U	1200 U
Hexachloroethane	12000	200	560	UG/KG	1500 U	1500 U	320 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	270 J	13000	87 J
Isophorone	510000	200	1900	UG/KG	1700 U	1700 U	360 U
Naphthalene	6000	25000	25000	UG/KG	950 J	1800 J	350 J
Nitrobenzene	5000	200	2200	UG/KG	1700 U	1700 U	360 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
					Sample Date:	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	3800 U	3800 U	800 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	1900 U	1900 U	400 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	1500 U	1500 U	320 U	
Pentachlorophenol	900	300	5000	UG/KG	1500 U	1500 U	320 U	
Phenanthrene	--	--	10000000	UG/KG	300 J	34000	120 J	
Phenol	18000000	8000	66000	UG/KG	1900 U	1900 U	400 U	
Pyrene	1700000	840000	2200000	UG/KG	350 J	42000	170 J	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	2000 U	1000 U	2000 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	2000 U	1000 U	2000 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	2000 U	1000 U	2000 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	2000 U	1000 U	2000 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	1200 U	600 U	1200 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	1800 U	910 U	1800 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	2000 U	1000 U	2000 U
2,4-Dinitrophenol	120000	300	460	UG/KG	9500 U	4800 U	9400 U
2,4-Dinitrotoluene	700	--	200	UG/KG	2000 U	1000 U	2000 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	2000 U	1000 U	2000 U
2-Chloronaphthalene	--	--	18000000	UG/KG	2000 U	1000 U	2000 U
2-Chlorophenol	310000	800	4400	UG/KG	2000 U	1000 U	2000 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	290 J	1400	4200
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	2000 U	1000 U	2000 U
2-Nitroaniline	39000	--	100	UG/KG	2000 U	1000 U	2000 U
2-Nitrophenol	--	--	17000	UG/KG	4300 U	2200 U	4200 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	2800 U	1400 U	2800 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	2000 U	1000 U	2000 U
3-Nitroaniline	--	--	91	UG/KG	2000 U	1000 U	2000 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	5200 U	2600 U	5100 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	2000 U	1000 U	2000 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	2000 U	1000 U	2000 U
4-Chloroaniline	--	--	52000	UG/KG	2000 U	1000 U	2000 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	2000 U	1000 U	2000 U
4-Nitroaniline	--	--	86	UG/KG	2000 U	1000 U	2000 U
4-Nitrophenol	--	--	4100	UG/KG	2800 U	1400 U	2700 U
Acenaphthene	3400000	110000	4700000	UG/KG	1600 U	810 U	1600 U
Acenaphthylene	--	--	6900000	UG/KG	1600 U	810 U	1600 U
Acetophenone	2000	3000	540000	UG/KG	2000 U	1000 U	2000 U
Anthracene	17000000	2400000	350000	UG/KG	1200 U	600 U	1200 U
Atrazine	210000	200	130	UG/KG	1600 U	810 U	1600 U
Azobenzene	--	--	--	UG/KG	2000 U	1000 U	2000 U
Benzaldehyde	6100000	--	--	UG/KG	2600 U	1300 U	2600 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	6500 U	3300 U	6400 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	310 J	170 J	380 J
Benzo(A)Pyrene	500	200	11000	UG/KG	1600 U	810 U	1600 U
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	370 J	600 U	1200 U
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	370 J	290 J	670 J
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	1200 U	600 U	1200 U
Benzoic Acid	--	--	7800000	UG/KG	6400 U	3300 U	6300 U
Benzyl Alcohol	--	--	1100000	UG/KG	2000 U	1000 U	2000 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	2000 U	460 J	2400
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	4500 U	2300 U	4400 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	2100 U	1100 U	2100 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	1800 U	910 U	1800 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	2400 U	1200 U	2300 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	2000 U	510 J	1700 J
Caprolactam	31000000	12000	--	UG/KG	2000 U	1000 U	2000 U
Carbazole	24000	--	83000	UG/KG	2000 U	1000 U	2000 U
Chrysene	450000	80000	230000	UG/KG	260 J	120 J	260 J
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	1200 U	600 U	1200 U
Dibenzofuran	--	--	--	UG/KG	2000 U	1000 U	2000 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	2000 U	1000 U	2000 U
Dimethyl Phthalate	--	--	--	UG/KG	2000 U	1000 U	2000 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	2000 U	1000 U	2000 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	2000 U	1000 U	2000 U
Fluoranthene	2300000	1300000	3200000	UG/KG	520 J	220 J	470 J
Fluorene	2300000	170000	3800000	UG/KG	2000 U	1000 U	2000 U
Hexachlorobenzene	300	200	960	UG/KG	1200 U	600 U	1200 U
Hexachlorobutadiene	6000	900	1200	UG/KG	2000 U	1000 U	2000 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	5700 U	2900 U	5600 U
Hexachloroethane	12000	200	560	UG/KG	1600 U	810 U	1600 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	360 J	250 J	470 J
Isophorone	510000	200	1900	UG/KG	1800 U	910 U	1800 U
Naphthalene	6000	25000	25000	UG/KG	2000 U	840 J	2600
Nitrobenzene	5000	200	2200	UG/KG	1800 U	910 U	1800 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
					Sample Date:	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	4000 U	2000 U	3900 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	2000 U	1000 U	2000 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	1600 U	810 U	240 J	
Pentachlorophenol	900	300	5000	UG/KG	1600 U	810 U	1600 U	
Phenanthrene	--	--	10000000	UG/KG	390 J	340 J	760 J	
Phenol	18000000	8000	66000	UG/KG	2000 U	1000 U	2000 U	
Pyrene	1700000	840000	2200000	UG/KG	490 J	320 J	940 J	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	190 U
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG	190 U	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	190 U
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG	190 U	190 U	190 U
2,4,6-Trichlorophenol	19000	200	8900	UG/KG	110 U	110 U	110 U
2,4-Dichlorophenol	180000	200	1000	UG/KG	170 U	170 U	170 U
2,4-Dimethylphenol	1200000	1000	87000	UG/KG	190 U	190 U	190 U
2,4-Dinitrophenol	120000	300	460	UG/KG	900 U	910 U	890 U
2,4-Dinitrotoluene	700	--	200	UG/KG	190 U	190 U	190 U
2,6-Dinitrotoluene	700	--	3000	UG/KG	190 U	190 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	190 U
2-Chlorophenol	310000	800	4400	UG/KG	190 U	190 U	190 U
2-Methylnaphthalene	230000	8000	8000000	UG/KG	66 J	230 U	220 U
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG	190 U	190 U	190 U
2-Nitroaniline	39000	--	100	UG/KG	190 U	190 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	410 U	410 U	400 U
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG	270 U	270 U	270 U
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG	190 U	190 U	190 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	190 U
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG	490 U	490 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	260 U
Acenaphthene	3400000	110000	4700000	UG/KG	220	40 J	23 J
Acenaphthylene	--	--	6900000	UG/KG	380	180	64 J
Acetophenone	2000	3000	540000	UG/KG	190 U	190 U	190 U
Anthracene	17000000	2400000	350000	UG/KG	840	170	84 J
Atrazine	210000	200	130	UG/KG	150 U	150 U	150 U
Azobenzene	--	--	--	UG/KG	190 U	190 U	190 U
Benzaldehyde	6100000	--	--	UG/KG	250 U	250 U	240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Benzidine	700	700	340	UG/KG	620 U	620 U	610 U
Benzo(A)Anthracene	5000	800	110000	UG/KG	2300	740	410
Benzo(A)Pyrene	500	200	11000	UG/KG	2100	680	390
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG	2800	940	520
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG	1400	440	270
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG	980	290	160
Benzoic Acid	--	--	7800000	UG/KG	610 U	610 U	600 U
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	190 U
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG	190 U	190 U	190 U
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG	430 U	430 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG	170 U	170 U	170 U
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG	220 U	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG	190 U	190 U	190 U
Caprolactam	31000000	12000	--	UG/KG	190 U	190 U	190 U
Carbazole	24000	--	83000	UG/KG	300	74 J	37 J
Chrysene	450000	80000	230000	UG/KG	2200	690	390
Dibenz(A,H)Anthracene	500	800	11000	UG/KG	330	96 J	52 J
Dibenzofuran	--	--	--	UG/KG	160 J	28 J	190 U
Diethyl Phthalate	49000000	88000	160000	UG/KG	190 U	190 U	190 U
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	190 U
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG	190 U	190 U	190 U
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG	190 U	190 U	190 U
Fluoranthene	2300000	1300000	3200000	UG/KG	4300	1300	760
Fluorene	2300000	170000	3800000	UG/KG	250	36 J	22 J
Hexachlorobenzene	300	200	960	UG/KG	110 U	110 U	110 U
Hexachlorobutadiene	6000	900	1200	UG/KG	190 U	190 U	190 U
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG	540 U	540 U	530 U
Hexachloroethane	12000	200	560	UG/KG	150 U	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG	1500	480	270
Isophorone	510000	200	1900	UG/KG	170 U	170 U	170 U
Naphthalene	6000	25000	25000	UG/KG	110 J	35 J	26 J
Nitrobenzene	5000	200	2200	UG/KG	170 U	170 U	170 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)
					Sample Date:	08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
N-Nitrosodimethylamine	700	700	0.17	UG/KG	380 U	380 U	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	190 U	190 U	190 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	150 U	150 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	150 U	150 U	
Phenanthrene	--	--	10000000	UG/KG	2900	660	390	
Phenol	18000000	8000	66000	UG/KG	190 U	190 U	190 U	
Pyrene	1700000	840000	2200000	UG/KG	3600	1100	750	

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG
1,2,4-Trichlorobenzene	73000	700	27000	UG/KG
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG
2,4,5-Trichlorophenol	6100000	68000	6100000	UG/KG
2,4,6-Trichlorophenol	19000	200	8900	UG/KG
2,4-Dichlorophenol	180000	200	1000	UG/KG
2,4-Dimethylphenol	1200000	1000	87000	UG/KG
2,4-Dinitrophenol	120000	300	460	UG/KG
2,4-Dinitrotoluene	700	--	200	UG/KG
2,6-Dinitrotoluene	700	--	3000	UG/KG
2-Chloronaphthalene	--	--	18000000	UG/KG
2-Chlorophenol	310000	800	4400	UG/KG
2-Methylnaphthalene	230000	8000	8000000	UG/KG
2-Methylphenol (O-Cresol)	310000	--	180000	UG/KG
2-Nitroaniline	39000	--	100	UG/KG
2-Nitrophenol	--	--	17000	UG/KG
3- And 4- Methylphenol (Total)	31000	--	12000	UG/KG
3,3'-Dichlorobenzidine	1000	200	32000	UG/KG
3-Nitroaniline	--	--	91	UG/KG
4,6-Dinitro-2-Methylphenol	6000	300	--	UG/KG
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG
4-Chloro-3-Methylphenol	--	--	110000	UG/KG
4-Chloroaniline	--	--	52000	UG/KG
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG
4-Nitroaniline	--	--	86	UG/KG
4-Nitrophenol	--	--	4100	UG/KG
Acenaphthene	3400000	110000	4700000	UG/KG
Acenaphthylene	--	--	6900000	UG/KG
Acetophenone	2000	3000	540000	UG/KG
Anthracene	17000000	2400000	350000	UG/KG
Atrazine	210000	200	130	UG/KG
Azobenzene	--	--	--	UG/KG
Benzaldehyde	6100000	--	--	UG/KG

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
Benzidine	700	700	340	UG/KG
Benzo(A)Anthracene	5000	800	110000	UG/KG
Benzo(A)Pyrene	500	200	11000	UG/KG
Benzo(B)Fluoranthene	5000	2000	110000	UG/KG
Benzo(G,H,I)Perylene	380000000	--	180000	UG/KG
Benzo(K)Fluoranthene	45000	25000	610000	UG/KG
Benzoic Acid	--	--	7800000	UG/KG
Benzyl Alcohol	--	--	1100000	UG/KG
Benzyl Butyl Phthalate	1200000	230000	10000000	UG/KG
Biphenyl (Diphenyl)	61000	140000	2200000	UG/KG
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	17	UG/KG
Bis(2-Chloroisopropyl) Ether	23000	5000	8000	UG/KG
Bis(2-Ethylhexyl) Phthalate	35000	1200000	130000	UG/KG
Caprolactam	31000000	12000	--	UG/KG
Carbazole	24000	--	83000	UG/KG
Chrysene	450000	80000	230000	UG/KG
Dibenz(A,H)Anthracene	500	800	11000	UG/KG
Dibenzofuran	--	--	--	UG/KG
Diethyl Phthalate	49000000	88000	160000	UG/KG
Dimethyl Phthalate	--	--	--	UG/KG
Di-N-Butyl Phthalate	6100000	760000	4100000	UG/KG
Di-N-Octylphthalate	2400000	3300000	10000000	UG/KG
Fluoranthene	2300000	1300000	3200000	UG/KG
Fluorene	2300000	170000	3800000	UG/KG
Hexachlorobenzene	300	200	960	UG/KG
Hexachlorobutadiene	6000	900	1200	UG/KG
Hexachlorocyclopentadiene	45000	320000	91000	UG/KG
Hexachloroethane	12000	200	560	UG/KG
Indeno(1,2,3-C,D)Pyrene	5000	7000	110000	UG/KG
Isophorone	510000	200	1900	UG/KG
Naphthalene	6000	25000	25000	UG/KG
Nitrobenzene	5000	200	2200	UG/KG

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	DL-66/67-WC (0-5)
					Sample Date:	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodimethylamine	700	700	0.17	UG/KG	370 U	
N-Nitrosodi-N-Propylamine	200	200	5.1	UG/KG	180 U	
N-Nitrosodiphenylamine	99000	400	83000	UG/KG	150 U	
Pentachlorophenol	900	300	5000	UG/KG	150 U	
Phenanthrene	--	--	10000000	UG/KG	15000	
Phenol	18000000	8000	66000	UG/KG	180 U	
Pyrene	1700000	840000	2200000	UG/KG	12000	

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	5900	8530	7200	5370
Antimony	31	6	27	MG/KG	5.26	1.93 J	1.42 J	8.45
Arsenic	19	19	53	MG/KG	5.36	4.6	11.4	23.4
Barium	16000	2100	8200	MG/KG	188	88.7	91.2	336
Beryllium	16	0.7	320	MG/KG	0.31 J	0.393 J	0.354 J	0.33 J
Cadmium	78	2	38	MG/KG	0.958	0.682 J	0.865 U	0.283 J
Calcium	--	--	--	MG/KG	26000	10600	10600	14000
Chromium III	120000	--	190000	MG/KG	15	17	11	15
Chromium, Hexavalent	240	--	190	MG/KG	0.976 U	0.912 U	0.905 U	0.979 U
Chromium, Total	240	--	190	MG/KG	15.1	16.6	11.3	15.2
Cobalt	1600	90	22	MG/KG	5.72	6.88	5.27	6.04
Copper	3100	11000	36000	MG/KG	88.3	48.8	35.8	88
Cyanide	47	20	200	MG/KG	1.1 U	1 U	1.1 U	1.2 U
Iron	--	--	190000	MG/KG	19000	17600	12200	26200
Lead	400	90	450	MG/KG	400	149	114	695
Magnesium	--	--	--	MG/KG	5200	4580	2040	1470
Manganese	11000	65	190000	MG/KG	272	275	220	247
Mercury	23	0.1	10	MG/KG	0.32	0.12	0.179	0.343
Nickel	1600	48	650	MG/KG	18.6	29.3	13.8	21.4
Potassium	--	--	--	MG/KG	708	664	575	715
Selenium	390	11	26	MG/KG	1.88 U	1.75 U	1.73 U	2.06
Silver	390	1	84	MG/KG	0.329 J	0.874 U	0.865 U	0.414 J
Sodium	--	--	--	MG/KG	277	144 J	225	902
Thallium	5	3	14	MG/KG	1.88 U	1.75 U	1.73 U	1.88 U
Vanadium	78	--	72000	MG/KG	19.2	23.8	20.7	23.8
Zinc	23000	930	12000	MG/KG	378	143	96.2	420

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:					06/18/2018	06/18/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	7480	7610	6460	6120
Antimony	31	6	27	MG/KG	2.42 J	5.82	4.38 U	1.34 J
Arsenic	19	19	53	MG/KG	7.02	8.11	7.5	3.72
Barium	16000	2100	8200	MG/KG	169	231	126	163
Beryllium	16	0.7	320	MG/KG	0.392 J	0.454	0.263 J	0.322 J
Cadmium	78	2	38	MG/KG	0.243 J	0.498 J	0.877 U	0.626 J
Calcium	--	--	--	MG/KG	18900	11600	22700	9020
Chromium III	120000	--	190000	MG/KG	20	21	13	14
Chromium, Hexavalent	240	--	190	MG/KG	0.988 U	0.917 U	0.923 U	0.908 U
Chromium, Total	240	--	190	MG/KG	19.8	20.6	13.4	13.8
Cobalt	1600	90	22	MG/KG	6.28	6.42	6.16	4.76
Copper	3100	11000	36000	MG/KG	61.5	362	41	31.8
Cyanide	47	20	200	MG/KG	1.2 U	1 U	1 U	1 U
Iron	--	--	190000	MG/KG	15400	26400	13200	12500
Lead	400	90	450	MG/KG	401	1100	1140	242
Magnesium	--	--	--	MG/KG	2410	2450	3320	2380
Manganese	11000	65	190000	MG/KG	253	257	257	370
Mercury	23	0.1	10	MG/KG	1.46	0.283	0.311	0.182
Nickel	1600	48	650	MG/KG	25.8	28.2	15.5	17.8
Potassium	--	--	--	MG/KG	848	783	702	465
Selenium	390	11	26	MG/KG	1.87 U	1.75 U	1.75 U	1.79 U
Silver	390	1	84	MG/KG	0.934 U	0.349 J	0.395 J	0.894 U
Sodium	--	--	--	MG/KG	139 J	340	129 J	119 J
Thallium	5	3	14	MG/KG	1.87 U	1.75 U	1.75 U	1.79 U
Vanadium	78	--	72000	MG/KG	47.1	21	22	21.6
Zinc	23000	930	12000	MG/KG	273	301	200	178

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:					06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	10500	6800	10200	5920
Antimony	31	6	27	MG/KG	5.02	4.67 U	1.12 J	4.28 U
Arsenic	19	19	53	MG/KG	6.34	5.66	7.27	5.65
Barium	16000	2100	8200	MG/KG	332	153	99.7	89.5
Beryllium	16	0.7	320	MG/KG	0.342 J	0.364 J	0.382 J	0.265 J
Cadmium	78	2	38	MG/KG	1.18	0.935 U	0.611 J	0.855 U
Calcium	--	--	--	MG/KG	17600	10900	6750	15700
Chromium III	120000	--	190000	MG/KG	26	13	15	15
Chromium, Hexavalent	240	--	190	MG/KG	0.926 U	0.944 U	0.894 U	0.875 U
Chromium, Total	240	--	190	MG/KG	25.9	13.2	14.7	15
Cobalt	1600	90	22	MG/KG	5.25	4.74	5.23	5.65
Copper	3100	11000	36000	MG/KG	136	28.8	25.4	33.3
Cyanide	47	20	200	MG/KG	1 U	1.2 U	1 U	1.1 U
Iron	--	--	190000	MG/KG	21200	15800	15000	12100
Lead	400	90	450	MG/KG	762	325	179	116
Magnesium	--	--	--	MG/KG	2760	1900	2590	2940
Manganese	11000	65	190000	MG/KG	203	198	222	244
Mercury	23	0.1	10	MG/KG	0.136	0.259	0.398	0.496
Nickel	1600	48	650	MG/KG	25.2	13.3	14.4	18.7
Potassium	--	--	--	MG/KG	1280	558	671	774
Selenium	390	11	26	MG/KG	0.623 J	0.636 J	0.636 J	1.71 U
Silver	390	1	84	MG/KG	0.878 U	0.935 U	0.848 U	0.855 U
Sodium	--	--	--	MG/KG	965	365	121 J	146 J
Thallium	5	3	14	MG/KG	1.76 U	1.87 U	1.7 U	1.71 U
Vanadium	78	--	72000	MG/KG	24.9	24	21.2	21.2
Zinc	23000	930	12000	MG/KG	297	138	99.8	87.5

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)
Sample Date:					06/20/2018	06/18/2018	06/20/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	4690	9120	6480	5470
Antimony	31	6	27	MG/KG	4.64 U	1.42 J	4.26 U	7.68
Arsenic	19	19	53	MG/KG	6.3	7.7	8.6	5.28
Barium	16000	2100	8200	MG/KG	265	198	152	130
Beryllium	16	0.7	320	MG/KG	0.288 J	0.391 J	0.4 J	0.25 J
Cadmium	78	2	38	MG/KG	0.111 J	0.856 J	0.852 U	1.07
Calcium	--	--	--	MG/KG	20700	28000	19000	48500
Chromium III	120000	--	190000	MG/KG	15	18	15	16
Chromium, Hexavalent	240	--	190	MG/KG	0.95 U	0.952 U	0.91 U	0.908 U
Chromium, Total	240	--	190	MG/KG	14.7	18	15.3	15.7
Cobalt	1600	90	22	MG/KG	6.21	5.79	5.61	5.3
Copper	3100	11000	36000	MG/KG	47.1	44.2	62.4	50.5
Cyanide	47	20	200	MG/KG	1.1 U	1.1 U	1.1 U	1.1 U
Iron	--	--	190000	MG/KG	14400	13900	15200	14300
Lead	400	90	450	MG/KG	290	475	230	395
Magnesium	--	--	--	MG/KG	2400	2780	3720	19500
Manganese	11000	65	190000	MG/KG	206	343	228	288
Mercury	23	0.1	10	MG/KG	0.256	0.819	0.508	0.271
Nickel	1600	48	650	MG/KG	21.1	22	16.8	18.6
Potassium	--	--	--	MG/KG	926	819	690	929
Selenium	390	11	26	MG/KG	1.86 U	0.279 J	1.7 U	0.537 J
Silver	390	1	84	MG/KG	0.928 U	0.344 J	0.852 U	0.599 J
Sodium	--	--	--	MG/KG	190	330	160 J	283
Thallium	5	3	14	MG/KG	1.86 U	1.86 U	1.7 U	1.79 U
Vanadium	78	--	72000	MG/KG	21.3	27.6	22.9	19
Zinc	23000	930	12000	MG/KG	386	318	273	403

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Aluminum	78000	6000	190000	MG/KG	5210	8190	8850	9440	6620
Antimony	31	6	27	MG/KG	0.349 J	0.521 J	4.54 U	1.34 J	1.72 J
Arsenic	19	19	53	MG/KG	4.7	6.94	5.98	10.1	9.8
Barium	16000	2100	8200	MG/KG	172	186	106	85.6	138
Beryllium	16	0.7	320	MG/KG	0.276 J	0.36 J	0.399 J	0.382 J	0.362 J
Cadmium	78	2	38	MG/KG	0.919 U	0.322 J	0.907 U	0.721 J	0.895
Calcium	--	--	--	MG/KG	25400	23800	9890	10500	11400
Chromium III	120000	--	190000	MG/KG	16	19	20	16	23
Chromium, Hexavalent	240	--	190	MG/KG	0.944 U	0.959 U	0.941 U	0.927 U	0.907 U
Chromium, Total	240	--	190	MG/KG	15.8	19.3	19.9	16.2	22.6
Cobalt	1600	90	22	MG/KG	4.98	5.96	7.06	5.23	5.9
Copper	3100	11000	36000	MG/KG	48.8	47.5	46.3	25.7	63.7
Cyanide	47	20	200	MG/KG	0.31 J	1.1 U	1.1 U	0.28 J	1 U
Iron	--	--	190000	MG/KG	14500	14700	18900	13400	24400
Lead	400	90	450	MG/KG	950	422	135	101	137
Magnesium	--	--	--	MG/KG	1970	3350	3240	2970	3120
Manganese	11000	65	190000	MG/KG	286	354	323	292	298
Mercury	23	0.1	10	MG/KG	0.26	0.282	0.468	0.349	0.571
Nickel	1600	48	650	MG/KG	14.5	21.4	20.1	15.2	39.8
Potassium	--	--	--	MG/KG	699	882	761	686	630
Selenium	390	11	26	MG/KG	0.423 J	0.853 J	0.354 J	0.678 J	0.878 J
Silver	390	1	84	MG/KG	0.919 U	0.948 U	0.508 J	0.869 U	0.861 U
Sodium	--	--	--	MG/KG	397	343	248	182	203
Thallium	5	3	14	MG/KG	1.84 U	1.9 U	1.81 U	1.74 U	1.72 U
Vanadium	78	--	72000	MG/KG	16.8	24.9	27.3	32.8	17.7
Zinc	23000	930	12000	MG/KG	178	204	141	103	270

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	7540	7420	10400	5920
Antimony	31	6	27	MG/KG	4.27 U	0.558 J	0.388 J	1.7 J
Arsenic	19	19	53	MG/KG	12.3	9.18	5.55	6
Barium	16000	2100	8200	MG/KG	90	103	74.4	185
Beryllium	16	0.7	320	MG/KG	0.333 J	0.441 J	0.502	0.326 J
Cadmium	78	2	38	MG/KG	0.854 U	0.9 U	0.682 J	1.17
Calcium	--	--	--	MG/KG	15300	21100	3620	29200
Chromium III	120000	--	190000	MG/KG	18	12	14 J	16
Chromium, Hexavalent	240	--	190	MG/KG	0.896 U	0.905 U	0.293 J	0.943 U
Chromium, Total	240	--	190	MG/KG	18.4	12.1	13.9	15.6
Cobalt	1600	90	22	MG/KG	3.83	6.57	5.55	5.3
Copper	3100	11000	36000	MG/KG	32.1	167	16	54.5
Cyanide	47	20	200	MG/KG	1.1 U	1 U	1.2 U	1.2 U
Iron	--	--	190000	MG/KG	11600	13400	13800	12200
Lead	400	90	450	MG/KG	146	168	57.2	291
Magnesium	--	--	--	MG/KG	2040	4940	2230	7270
Manganese	11000	65	190000	MG/KG	196	296	482	443
Mercury	23	0.1	10	MG/KG	0.51	0.234	0.218	0.366
Nickel	1600	48	650	MG/KG	16.2	21.4	17.9	23.2
Potassium	--	--	--	MG/KG	473	776	494	818
Selenium	390	11	26	MG/KG	1.71 U	1.8 U	1.9 U	1.81 U
Silver	390	1	84	MG/KG	0.854 U	0.9 U	0.948 U	0.907 U
Sodium	--	--	--	MG/KG	85.9 J	298	83 J	377
Thallium	5	3	14	MG/KG	1.71 U	1.8 U	1.9 U	1.81 U
Vanadium	78	--	72000	MG/KG	18.6	26.5	20.6	18.6
Zinc	23000	930	12000	MG/KG	137	155	68.2	252

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-9)	47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)
Sample Date:					06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	6010	6150	6880	6960
Antimony	31	6	27	MG/KG	1.49 J	0.52 J	0.899 J	0.504 J
Arsenic	19	19	53	MG/KG	9.22	4.48	5.06	4.82
Barium	16000	2100	8200	MG/KG	349	128	97.1	139
Beryllium	16	0.7	320	MG/KG	0.342 J	0.29 J	0.303 J	0.313 J
Cadmium	78	2	38	MG/KG	1.55	0.852 U	1.01 U	0.868 U
Calcium	--	--	--	MG/KG	34000	11100	3090	12300
Chromium III	120000	--	190000	MG/KG	21	14	16	16
Chromium, Hexavalent	240	--	190	MG/KG	0.955 U	0.879 U	1.03 U	0.912 U
Chromium, Total	240	--	190	MG/KG	21.3	14.5	15.8	16
Cobalt	1600	90	22	MG/KG	5.73	5.73	7.06	5.38
Copper	3100	11000	36000	MG/KG	55.3	33.8	39.1	40.8
Cyanide	47	20	200	MG/KG	0.31 J	1 U	1.2 U	1.1 U
Iron	--	--	190000	MG/KG	19900	11300	15400	13900
Lead	400	90	450	MG/KG	1150	157	129	218
Magnesium	--	--	--	MG/KG	3360	2360	2080	2850
Manganese	11000	65	190000	MG/KG	763	258	270	294
Mercury	23	0.1	10	MG/KG	0.935	0.297	0.375	0.328
Nickel	1600	48	650	MG/KG	26.6	27	17.4	19.7
Potassium	--	--	--	MG/KG	724	578	825	910
Selenium	390	11	26	MG/KG	0.453 J	0.366 J	2.02 U	0.46 J
Silver	390	1	84	MG/KG	0.296 J	0.852 U	1.01 U	0.868 U
Sodium	--	--	--	MG/KG	374	328	83.3 J	206
Thallium	5	3	14	MG/KG	1.85 U	1.7 U	2.02 U	1.74 U
Vanadium	78	--	72000	MG/KG	35.1	18.3	22.8	24.6
Zinc	23000	930	12000	MG/KG	305	160	164	173

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)
Sample Date:					06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Aluminum	78000	6000	190000	MG/KG	6310	8220	6440	5880	5370
Antimony	31	6	27	MG/KG	4.41 U	4.48 U	0.65 J	0.723 J	0.702 J
Arsenic	19	19	53	MG/KG	5.91	4.93	7.53	6.14	4.8
Barium	16000	2100	8200	MG/KG	259	59.6	113	259	111
Beryllium	16	0.7	320	MG/KG	0.265 J	0.331 J	0.299 J	0.261 J	0.231 J
Cadmium	78	2	38	MG/KG	0.883 U	0.896 U	0.264 J	0.871 U	0.154 J
Calcium	--	--	--	MG/KG	22300	8750	9220	18800	19300
Chromium III	120000	--	190000	MG/KG	14	12	18	17	14
Chromium, Hexavalent	240	--	190	MG/KG	0.906 U	0.94 U	0.898 U	0.899 U	0.888 U
Chromium, Total	240	--	190	MG/KG	13.5	12.2	18.3	16.9	13.9
Cobalt	1600	90	22	MG/KG	6	6.57	5.48	6.52	4.6
Copper	3100	11000	36000	MG/KG	45.2	33.6	48.5	85.8	34.7
Cyanide	47	20	200	MG/KG	1.1 U	1.2 U	1.1 U	1 U	1.1 U
Iron	--	--	190000	MG/KG	15100	13500	12900	16200	10600
Lead	400	90	450	MG/KG	224	62.8	227	281	166
Magnesium	--	--	--	MG/KG	6160	3180	2200	2200	3740
Manganese	11000	65	190000	MG/KG	207	252	228	280	439
Mercury	23	0.1	10	MG/KG	0.342	0.183	0.386	0.395	0.23
Nickel	1600	48	650	MG/KG	15	15.8	18.8	36.5	17.6
Potassium	--	--	--	MG/KG	656	560	685	750	566
Selenium	390	11	26	MG/KG	0.344 J	1.79 U	0.36 J	0.418 J	1.71 U
Silver	390	1	84	MG/KG	0.883 U	0.896 U	0.879 U	0.871 U	0.856 U
Sodium	--	--	--	MG/KG	104 J	95.4 J	131 J	170 J	223
Thallium	5	3	14	MG/KG	1.76 U	1.79 U	1.76 U	1.74 U	1.71 U
Vanadium	78	--	72000	MG/KG	26	26.8	23	23	17.7
Zinc	23000	930	12000	MG/KG	355	78.2	278	346	149

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:					06/21/2018	06/25/2018	06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	5180	7020	5090	4620
Antimony	31	6	27	MG/KG	4.16 U	4.26 U	2.51 J	4.49 J
Arsenic	19	19	53	MG/KG	4.63	5.24	5.66	7.6
Barium	16000	2100	8200	MG/KG	114	127	341	434
Beryllium	16	0.7	320	MG/KG	0.25 J	0.324 J	0.209 J	0.281 J
Cadmium	78	2	38	MG/KG	0.15 J	0.852 U	0.601 J	1.13
Calcium	--	--	--	MG/KG	6570	6680	39200	12900
Chromium III	120000	--	190000	MG/KG	14	15	9.9	13
Chromium, Hexavalent	240	--	190	MG/KG	0.87 U	0.883 U	0.893 U	0.931 U
Chromium, Total	240	--	190	MG/KG	13.5	15.3	9.93	13.1
Cobalt	1600	90	22	MG/KG	5.29	5.54	4.35	5.43
Copper	3100	11000	36000	MG/KG	33.7	24.7	20.8	103
Cyanide	47	20	200	MG/KG	1 U	1.1 U	0.74 J	1.1 U
Iron	--	--	190000	MG/KG	15500	12400	9920	13100
Lead	400	90	450	MG/KG	206	153	596	507
Magnesium	--	--	--	MG/KG	1980	2600	2140	1840
Manganese	11000	65	190000	MG/KG	278	242	235	210
Mercury	23	0.1	10	MG/KG	0.215	0.289	0.27	0.246
Nickel	1600	48	650	MG/KG	21	21.8	13.3	12.8
Potassium	--	--	--	MG/KG	613	624	646	477
Selenium	390	11	26	MG/KG	0.233 J	0.554 J	0.496 J	1.38 J
Silver	390	1	84	MG/KG	0.832 U	0.852 U	0.87 U	0.906 U
Sodium	--	--	--	MG/KG	267	127 J	272	195
Thallium	5	3	14	MG/KG	1.66 U	1.7 U	1.74 U	1.81 U
Vanadium	78	--	72000	MG/KG	21.4	21.2	15.1	23.6
Zinc	23000	930	12000	MG/KG	209	136	330	312

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	11300	7360	5570	8460
Antimony	31	6	27	MG/KG	4.98 U	4.74 U	4.8 U	0.397 J
Arsenic	19	19	53	MG/KG	3.94	4.04	1.63	3.43
Barium	16000	2100	8200	MG/KG	36.7	28.7	20.9	35.4
Beryllium	16	0.7	320	MG/KG	0.398 J	0.322 J	0.211 J	0.322 J
Cadmium	78	2	38	MG/KG	0.995 U	0.947 U	0.96 U	0.511 J
Calcium	--	--	--	MG/KG	966	1190	684	11800
Chromium III	120000	--	190000	MG/KG	20 J	16	14	15 J
Chromium, Hexavalent	240	--	190	MG/KG	0.471 J	0.982 U	0.99 U	0.339 J
Chromium, Total	240	--	190	MG/KG	20.3	16.5	13.6	15.8
Cobalt	1600	90	22	MG/KG	4.58	5.78	4.46	4.87
Copper	3100	11000	36000	MG/KG	8.39	13.3	9.02	14.4
Cyanide	47	20	200	MG/KG	1.2 U	1.2 U	1.2 U	1.1 U
Iron	--	--	190000	MG/KG	15600	13400	10600	11100
Lead	400	90	450	MG/KG	7.85	16.5	6.56	28.1
Magnesium	--	--	--	MG/KG	1900	2630	1970	4390
Manganese	11000	65	190000	MG/KG	223	126	173	231
Mercury	23	0.1	10	MG/KG	0.034 J	0.031 J	0.079 U	0.051 J
Nickel	1600	48	650	MG/KG	18	32.3	26.8	25.2
Potassium	--	--	--	MG/KG	509	469	450	494
Selenium	390	11	26	MG/KG	0.368 J	0.256 J	1.92 U	1.89 U
Silver	390	1	84	MG/KG	0.995 U	0.947 U	0.96 U	0.946 U
Sodium	--	--	--	MG/KG	49 J	81.8 J	82.6 J	56.9 J
Thallium	5	3	14	MG/KG	1.99 U	1.89 U	1.92 U	1.89 U
Vanadium	78	--	72000	MG/KG	28.3	21.9	16.4	19.6
Zinc	23000	930	12000	MG/KG	22.3	30.2	22.9	51.2

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)
Sample Date:					06/22/2018	06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	4050	4830	5520	5380
Antimony	31	6	27	MG/KG	4.36 U	0.398 J	4.41 U	0.678 J
Arsenic	19	19	53	MG/KG	2.19	1.23	2.36	7.14
Barium	16000	2100	8200	MG/KG	17.7	28.9	16.2	135
Beryllium	16	0.7	320	MG/KG	0.2 J	0.22 J	0.221 J	0.246 J
Cadmium	78	2	38	MG/KG	0.453 J	0.406 J	0.883 U	0.88 U
Calcium	--	--	--	MG/KG	753	915	706	4800
Chromium III	120000	--	190000	MG/KG	13	14	13	18
Chromium, Hexavalent	240	--	190	MG/KG	0.885 U	0.863 U	0.94 U	0.915 U
Chromium, Total	240	--	190	MG/KG	12.8	14.1	12.9	17.8
Cobalt	1600	90	22	MG/KG	5.12	5.38	4.54	5.38
Copper	3100	11000	36000	MG/KG	10.2	10.6	8.71	237
Cyanide	47	20	200	MG/KG	1 U	1 U	1.1 U	0.27 J
Iron	--	--	190000	MG/KG	9550	9410	9320	32300
Lead	400	90	450	MG/KG	14.2	15.9	10.2	220
Magnesium	--	--	--	MG/KG	1720	2360	1560	2020
Manganese	11000	65	190000	MG/KG	237	216	87.6	274
Mercury	23	0.1	10	MG/KG	0.026 J	0.019 J	0.03 J	0.109
Nickel	1600	48	650	MG/KG	26.3	29.8	18.9	23.1
Potassium	--	--	--	MG/KG	572	820	334	404
Selenium	390	11	26	MG/KG	1.74 U	1.69 U	1.76 U	1.76 U
Silver	390	1	84	MG/KG	0.871 U	0.847 U	0.883 U	0.88 U
Sodium	--	--	--	MG/KG	60.7 J	60.8 J	54.9 J	253
Thallium	5	3	14	MG/KG	1.74 U	1.69 U	1.76 U	1.76 U
Vanadium	78	--	72000	MG/KG	17.6	16.4	19.2	19.4
Zinc	23000	930	12000	MG/KG	37.2	35.7	40.3	253

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X54-WC (9-19)	X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aluminum	78000	6000	190000	MG/KG	5540	6950	6120	8960
Antimony	31	6	27	MG/KG	0.793 J	4.59 U	4.88 U	4.66 U
Arsenic	19	19	53	MG/KG	4.25	4.1	2.2	3.06
Barium	16000	2100	8200	MG/KG	34.6	49.9	20.9	46.2
Beryllium	16	0.7	320	MG/KG	0.277 J	0.285 J	0.273 J	0.298 J
Cadmium	78	2	38	MG/KG	0.955 U	0.918 U	0.976 U	0.931 U
Calcium	--	--	--	MG/KG	1410	3900	665	2540
Chromium III	120000	--	190000	MG/KG	13	18	18	17
Chromium, Hexavalent	240	--	190	MG/KG	0.966 U	0.979 U	0.978 U	0.944 U
Chromium, Total	240	--	190	MG/KG	12.7	18.3	17.7	17.2
Cobalt	1600	90	22	MG/KG	5.22	6.44	5.35	5.16
Copper	3100	11000	36000	MG/KG	17.6	21.3	11.1	11.3
Cyanide	47	20	200	MG/KG	1.1 U	1.1 U	1.1 U	1.1 U
Iron	--	--	190000	MG/KG	11800	19100	11800	11400
Lead	400	90	450	MG/KG	87	65	8.95	31.8
Magnesium	--	--	--	MG/KG	2130	2680	3110	2250
Manganese	11000	65	190000	MG/KG	167	230	227	126
Mercury	23	0.1	10	MG/KG	0.047 J	0.08	0.02 J	0.127
Nickel	1600	48	650	MG/KG	22	27.2	27.6	20
Potassium	--	--	--	MG/KG	435	723	412	475
Selenium	390	11	26	MG/KG	1.91 U	1.84 U	1.95 U	1.86 U
Silver	390	1	84	MG/KG	0.955 U	0.918 U	0.976 U	0.931 U
Sodium	--	--	--	MG/KG	55.2 J	95.6 J	55.3 J	68.4 J
Thallium	5	3	14	MG/KG	1.91 U	1.84 U	1.95 U	1.86 U
Vanadium	78	--	72000	MG/KG	19.9	27.1	21.3	22.2
Zinc	23000	930	12000	MG/KG	50.8	78.3	25.6	39.1

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	78000	6000	190000	MG/KG	NA	NA	NA
Antimony	31	6	27	MG/KG	NA	NA	NA
Arsenic	19	19	53	MG/KG	NA	NA	NA
Barium	16000	2100	8200	MG/KG	NA	NA	NA
Beryllium	16	0.7	320	MG/KG	NA	NA	NA
Cadmium	78	2	38	MG/KG	NA	NA	NA
Calcium	--	--	--	MG/KG	NA	NA	NA
Chromium III	120000	--	190000	MG/KG	NA	NA	NA
Chromium, Hexavalent	240	--	190	MG/KG	NA	NA	NA
Chromium, Total	240	--	190	MG/KG	NA	NA	NA
Cobalt	1600	90	22	MG/KG	NA	NA	NA
Copper	3100	11000	36000	MG/KG	NA	NA	NA
Cyanide	47	20	200	MG/KG	NA	NA	NA
Iron	--	--	190000	MG/KG	NA	NA	NA
Lead	400	90	450	MG/KG	530	18.9	914
Magnesium	--	--	--	MG/KG	NA	NA	NA
Manganese	11000	65	190000	MG/KG	NA	NA	NA
Mercury	23	0.1	10	MG/KG	NA	NA	NA
Nickel	1600	48	650	MG/KG	NA	NA	NA
Potassium	--	--	--	MG/KG	NA	NA	NA
Selenium	390	11	26	MG/KG	NA	NA	NA
Silver	390	1	84	MG/KG	NA	NA	NA
Sodium	--	--	--	MG/KG	NA	NA	NA
Thallium	5	3	14	MG/KG	NA	NA	NA
Vanadium	78	--	72000	MG/KG	NA	NA	NA
Zinc	23000	930	12000	MG/KG	NA	NA	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	78000	6000	190000	MG/KG	NA	NA	NA
Antimony	31	6	27	MG/KG	NA	NA	NA
Arsenic	19	19	53	MG/KG	NA	NA	NA
Barium	16000	2100	8200	MG/KG	NA	NA	NA
Beryllium	16	0.7	320	MG/KG	NA	NA	NA
Cadmium	78	2	38	MG/KG	NA	NA	NA
Calcium	--	--	--	MG/KG	NA	NA	NA
Chromium III	120000	--	190000	MG/KG	NA	NA	NA
Chromium, Hexavalent	240	--	190	MG/KG	NA	NA	NA
Chromium, Total	240	--	190	MG/KG	NA	NA	NA
Cobalt	1600	90	22	MG/KG	NA	NA	NA
Copper	3100	11000	36000	MG/KG	NA	NA	NA
Cyanide	47	20	200	MG/KG	NA	NA	NA
Iron	--	--	190000	MG/KG	NA	NA	NA
Lead	400	90	450	MG/KG	25.3	1790	85.5
Magnesium	--	--	--	MG/KG	NA	NA	NA
Manganese	11000	65	190000	MG/KG	NA	NA	NA
Mercury	23	0.1	10	MG/KG	NA	NA	NA
Nickel	1600	48	650	MG/KG	NA	NA	NA
Potassium	--	--	--	MG/KG	NA	NA	NA
Selenium	390	11	26	MG/KG	NA	NA	NA
Silver	390	1	84	MG/KG	NA	NA	NA
Sodium	--	--	--	MG/KG	NA	NA	NA
Thallium	5	3	14	MG/KG	NA	NA	NA
Vanadium	78	--	72000	MG/KG	NA	NA	NA
Zinc	23000	930	12000	MG/KG	NA	NA	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	78000	6000	190000	MG/KG	NA	NA	5520
Antimony	31	6	27	MG/KG	NA	NA	4.38 U
Arsenic	19	19	53	MG/KG	NA	NA	7.72
Barium	16000	2100	8200	MG/KG	NA	NA	786
Beryllium	16	0.7	320	MG/KG	NA	NA	0.28 J
Cadmium	78	2	38	MG/KG	NA	NA	0.876 U
Calcium	--	--	--	MG/KG	NA	NA	3460
Chromium III	120000	--	190000	MG/KG	NA	NA	21
Chromium, Hexavalent	240	--	190	MG/KG	NA	NA	0.915 U
Chromium, Total	240	--	190	MG/KG	NA	NA	20.7
Cobalt	1600	90	22	MG/KG	NA	NA	5.6
Copper	3100	11000	36000	MG/KG	NA	NA	139
Cyanide	47	20	200	MG/KG	NA	NA	1.1 U
Iron	--	--	190000	MG/KG	NA	NA	53000
Lead	400	90	450	MG/KG	1410	59.7	1270
Magnesium	--	--	--	MG/KG	NA	NA	1420
Manganese	11000	65	190000	MG/KG	NA	NA	264
Mercury	23	0.1	10	MG/KG	NA	NA	0.772
Nickel	1600	48	650	MG/KG	NA	NA	20.2
Potassium	--	--	--	MG/KG	NA	NA	443
Selenium	390	11	26	MG/KG	NA	NA	0.263 J
Silver	390	1	84	MG/KG	NA	NA	0.289 J
Sodium	--	--	--	MG/KG	NA	NA	61.9 J
Thallium	5	3	14	MG/KG	NA	NA	1.75 U
Vanadium	78	--	72000	MG/KG	NA	NA	19.9
Zinc	23000	930	12000	MG/KG	NA	NA	614

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	78000	6000	190000	MG/KG	8220	7840	7150
Antimony	31	6	27	MG/KG	1.24 J	1.04 J	1.29 J
Arsenic	19	19	53	MG/KG	4.86	5.51	3.08
Barium	16000	2100	8200	MG/KG	74.2	147	58.6
Beryllium	16	0.7	320	MG/KG	0.356 J	0.358 J	0.344 J
Cadmium	78	2	38	MG/KG	0.89 U	0.874 U	0.861 U
Calcium	--	--	--	MG/KG	3960	4080	3520
Chromium III	120000	--	190000	MG/KG	16	16	18 J
Chromium, Hexavalent	240	--	190	MG/KG	0.908 U	0.909 U	0.213 J
Chromium, Total	240	--	190	MG/KG	15.9	15.7	18.5
Cobalt	1600	90	22	MG/KG	5.32	4.53	5.79
Copper	3100	11000	36000	MG/KG	29.7	29	20
Cyanide	47	20	200	MG/KG	1.1 U	1 U	0.28 J
Iron	--	--	190000	MG/KG	15100	13200	19000
Lead	400	90	450	MG/KG	85.9	153	108
Magnesium	--	--	--	MG/KG	3630	1970	1640
Manganese	11000	65	190000	MG/KG	236	213	336
Mercury	23	0.1	10	MG/KG	0.087	0.146	0.17
Nickel	1600	48	650	MG/KG	16.1	16.8	17
Potassium	--	--	--	MG/KG	1400	515	755
Selenium	390	11	26	MG/KG	0.276 J	1.75 U	1.72 U
Silver	390	1	84	MG/KG	0.89 U	0.874 U	0.861 U
Sodium	--	--	--	MG/KG	124 J	79.9 J	134 J
Thallium	5	3	14	MG/KG	1.78 U	1.75 U	1.72 U
Vanadium	78	--	72000	MG/KG	21.9	22.1	25.2
Zinc	23000	930	12000	MG/KG	77.7	127	83.8

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	60	8.85 J	4.32 J	40.2 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	39.6 U	37.9 U	36.7 U	40.2 U
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	60	8.85 J	4.32 J	40.2 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)
Sample Date:					06/18/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	15.6 J	37 J	11.4 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	40.2 U	37.7 U	36.8 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	7.08 J	44.3	4.61 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	22.7 J	81.3 J	16 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)
Sample Date:					06/18/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.9 U	357	39.3 U	36.3 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	5.74 J	37 U	7.54 J	16.4 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.9 U	37 U	39.3 U	36.3 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.9 U	37 U	39.3 U	36.3 U
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	5.74 J	357	7.54 J	16.4 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					22/31-WC (0-11)	23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:					06/20/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	3.69 J	23.2 J	14.8 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.2 U	38.1 U	39.6 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.2 U	9.69 J	4.74 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	3.69 J	32.9 J	19.5 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)
Sample Date:					06/20/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	16.7 J	8.51 J	37.7 U	7.59 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.5 U	35.9 U	37.7 U	39.6 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	5.68 J	6.48 J	37.7 U	4.46 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	22.4 J	15 J	37.7 U	12.1 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:					06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	37.1 U	38.3 U	37 U	10.6 J
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	9.9 J	38.3 U	37 U	12.8 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.1 U	38.3 U	37 U	37 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.1 U	38.3 U	37 U	3.9 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	9.9 J	38.3 U	37 U	27.3 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	77.4	39.8 U	18.9 J	38.5 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	31.9 J	5.74 J	18.6 J	22.9 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	36.4 U	39.8 U	38.2 U	38.5 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	10.3 J	39.8 U	12.6 J	6.86 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	120 J	5.74 J	50.1 J	29.8 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:					06/21/2018	06/21/2018	06/25/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	16.2 J	13 J	49.2	10.1 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	34.4 U	41.3 U	36.2 U	36.6 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	14.2 J	41.3 U	36.2 U	3.52 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	30.4 J	13 J	49.2	13.6 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	37.6 U	21.1 J	37 U	15 J	17.4 J
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.6 U	36 U	37 U	37 U	35.3 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.6 U	10.4 J	37 U	37 U	23.3 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	37.6 U	31.5 J	37 U	15 J	40.7 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)	X34-WC (9-18)
Sample Date:					06/25/2018	06/26/2018	07/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	23.1 J	11.4 J	5 J	42.8 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.9 U	36 U	37.9 U	42.8 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.9 U	6.51 J	37.9 U	42.8 U
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	23.1 J	17.9 J	5 J	42.8 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)	X45-WC (9-19)
Sample Date:					06/25/2018	06/25/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	39.9 U	40.6 U	38.8 U	36.2 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:					06/22/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.9 U	380 U	36.1 U	384 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.9 U	380 U	36.1 U	384 U
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	35.9 U	380 U	36.1 U	384 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)	DL-62-WC (0-5)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	403 U	392 U	378 U	38 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	403 U	392 U	378 U	38 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	403 U	392 U	378 U	38 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	403 U	392 U	378 U	38 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	403 U	392 U	378 U	38 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	403 U	392 U	378 U	38 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	403 U	392 U	378 U	38 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	403 U	392 U	378 U	38 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	403 U	392 U	378 U	8.26 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	403 U	392 U	378 U	8.26 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	36.4 U	36.7 U	36 U
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	36.4 U	36.7 U	36 U
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	36.4 U	36.7 U	36 U
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	36.4 U	36.7 U	36 U
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	36.4 U	36.7 U	36 U
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	36.4 U	36.7 U	36 U
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	36.4 U	36.7 U	36 U
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	36.4 U	36.7 U	36 U
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	36.4 U	3.96 J	10.9 J
Polychlorinated Biphenyl (PCBs)	200	200	--	UG/KG	36.4 U	3.96 J	10.9 J

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 1/2-WC (0-12)					3/4-WC (0-10)	5/6-WC (0-12)
Sample Date: 06/18/2018					06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	40	200	440	UG/KG	37.6 U	1.76 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	15.7 U	0.734 U
Alpha Endosulfan	--	4000	260000	UG/KG	37.6 U	1.76 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	37.6 U	1.76 U
Beta Endosulfan	--	4000	260000	UG/KG	37.6 U	1.76 U
Chlordane	200	50	49000	UG/KG	306 U	14.3 U
cis-Chlordane	--	--	--	UG/KG	47 U	2.72
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	37.6 U	1.76 U
Dieldrin	40	3	440	UG/KG	23.5 U	1.1 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	15.7 U	0.734 U
Endrin	23000	1000	5500	UG/KG	15.7 U	0.734 U
Endrin Aldehyde	--	--	--	UG/KG	47 U	2.2 U
Endrin Ketone	--	--	--	UG/KG	37.6 U	1.76 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	15.7 U	0.734 U
Heptachlor	100	500	680	UG/KG	18.8 U	0.881 U
Heptachlor Epoxide	70	10	1100	UG/KG	70.5 U	3.3 U
Methoxychlor	390000	160000	630000	UG/KG	70.5 U	3.3 U
P,P'-DDD	3000	4000	30000	UG/KG	37.6 U	1.84
P,P'-DDE	2000	18000	170000	UG/KG	37.6 U	2.72
P,P'-DDT	2000	11000	230000	UG/KG	70.5 U	4.79 P
Pentachlorophenol	900	300	1200	UG/KG	160 U	150 U
Toxaphene	600	300	--	UG/KG	705 U	33 U
trans-Chlordane	--	--	--	UG/KG	47 U	6.19 PI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 7/8-WC (0-12)					9/10-WC (0-12)	11/12-WC (0-12)
Sample Date: 06/18/2018					06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	40	200	440	UG/KG	1.9 U	19.3 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.792 U	8.04 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.9 U	19.3 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.9 U	19.3 U
Beta Endosulfan	--	4000	260000	UG/KG	1.61 JPI	19.3 U
Chlordane	200	50	49000	UG/KG	15.4 U	157 U
cis-Chlordane	--	--	--	UG/KG	2.38 U	24.1 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.9 U	19.3 U
Dieldrin	40	3	440	UG/KG	1.19 U	12.1 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.792 U	8.04 U
Endrin	23000	1000	5500	UG/KG	0.792 U	8.04 U
Endrin Aldehyde	--	--	--	UG/KG	2.38 U	24.1 U
Endrin Ketone	--	--	--	UG/KG	1.9 U	19.3 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.792 U	8.04 U
Heptachlor	100	500	680	UG/KG	0.95 U	9.65 U
Heptachlor Epoxide	70	10	1100	UG/KG	1.6 J	36.2 U
Methoxychlor	390000	160000	630000	UG/KG	3.56 U	36.2 U
P,P'-DDD	3000	4000	30000	UG/KG	1.9 U	19.3 U
P,P'-DDE	2000	18000	170000	UG/KG	1.9 U	19.3 U
P,P'-DDT	2000	11000	230000	UG/KG	3.56 U	16.9 J
Pentachlorophenol	900	300	1200	UG/KG	160 U	160 U
Toxaphene	600	300	--	UG/KG	35.6 U	362 U
trans-Chlordane	--	--	--	UG/KG	2.38 U	24.1 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.79 U	1.79 U	1.82 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.747 U	0.746 U	0.757 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.79 U	1.79 U	1.82 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.79 U	1.79 U	1.82 U
Beta Endosulfan	--	4000	260000	UG/KG	1.83 PI	4.74 P	1.82 U
Chlordane	200	50	49000	UG/KG	14.6 U	14.6 U	14.8 U
cis-Chlordane	--	--	--	UG/KG	2.24 U	2.24 U	2.27 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.79 U	1.79 U	1.82 U
Dieldrin	40	3	440	UG/KG	1.12 U	1.12 U	1.14 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.747 U	0.746 U	0.757 U
Endrin	23000	1000	5500	UG/KG	0.747 U	0.746 U	0.757 U
Endrin Aldehyde	--	--	--	UG/KG	2.24 U	2.24 U	2.27 U
Endrin Ketone	--	--	--	UG/KG	1.79 U	1.79 U	1.82 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.747 U	0.746 U	0.757 U
Heptachlor	100	500	680	UG/KG	0.896 U	0.896 U	0.909 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.36 U	1.95 J	3.41 U
Methoxychlor	390000	160000	630000	UG/KG	3.36 U	3.36 U	3.41 U
P,P'-DDD	3000	4000	30000	UG/KG	2.95	7.96 P	10.1
P,P'-DDE	2000	18000	170000	UG/KG	4.98 P	1.77 JPI	61.6
P,P'-DDT	2000	11000	230000	UG/KG	13.6 P	9.52	142
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U	150 U
Toxaphene	600	300	--	UG/KG	33.6 U	33.6 U	34.1 U
trans-Chlordane	--	--	--	UG/KG	2.24 U	7.11 PI	2.27 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.81 U	1.75 U	1.68 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.754 U	0.728 U	0.702 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.81 U	1.75 U	1.68 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.81 U	1.75 U	1.68 U
Beta Endosulfan	--	4000	260000	UG/KG	1.81 U	1.75 U	1.68 U
Chlordane	200	50	49000	UG/KG	14.7 U	14.2 U	13.7 U
cis-Chlordane	--	--	--	UG/KG	2.08 J	36.2	2.1 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.81 U	1.75 U	1.68 U
Dieldrin	40	3	440	UG/KG	1.13 U	1.09 U	1.05 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.754 U	0.728 U	0.702 U
Endrin	23000	1000	5500	UG/KG	0.754 U	0.728 U	0.702 U
Endrin Aldehyde	--	--	--	UG/KG	2.26 U	2.18 U	2.1 U
Endrin Ketone	--	--	--	UG/KG	1.81 U	1.75 U	1.68 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.754 U	0.728 U	0.702 U
Heptachlor	100	500	680	UG/KG	0.905 U	0.874 U	0.842 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.39 U	5.32	3.16 U
Methoxychlor	390000	160000	630000	UG/KG	3.39 U	3.28 U	3.16 U
P,P'-DDD	3000	4000	30000	UG/KG	5.17 P	24.4	1.68 U
P,P'-DDE	2000	18000	170000	UG/KG	13.7	103	1.68 U
P,P'-DDT	2000	11000	230000	UG/KG	35.9	254	1.7 JPI
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U	140 U
Toxaphene	600	300	--	UG/KG	33.9 U	32.8 U	31.6 U
trans-Chlordane	--	--	--	UG/KG	2.26 U	30.8 PI	2.1 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 23/24-WC (0-11)					23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)
Sample Date: 06/20/2018					06/20/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.83 U	1.79 U	1.78 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.763 U	0.747 U	0.742 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.83 U	1.79 U	1.78 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.83 U	1.79 U	1.78 U
Beta Endosulfan	--	4000	260000	UG/KG	1.83 U	1.52 JPI	1.78 U
Chlordane	200	50	49000	UG/KG	14.9 U	14.6 U	14.5 U
cis-Chlordane	--	--	--	UG/KG	2.49 PI	3.82	2.23 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.83 U	1.79 U	1.78 U
Dieldrin	40	3	440	UG/KG	1.14 U	1.12 U	1.11 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.763 U	0.747 U	0.742 U
Endrin	23000	1000	5500	UG/KG	0.763 U	0.747 U	12.7 PI
Endrin Aldehyde	--	--	--	UG/KG	2.29 U	2.24 U	2.23 U
Endrin Ketone	--	--	--	UG/KG	1.83 U	1.79 U	1.78 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.763 U	0.747 U	0.742 U
Heptachlor	100	500	680	UG/KG	0.916 U	0.896 U	0.89 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.43 U	3.36 U	3.34 U
Methoxychlor	390000	160000	630000	UG/KG	3.43 U	3.36 U	3.34 U
P,P'-DDD	3000	4000	30000	UG/KG	1.83 U	1.79 U	1.78 U
P,P'-DDE	2000	18000	170000	UG/KG	3.27	2.32 P	6.28
P,P'-DDT	2000	11000	230000	UG/KG	5.75	10.6	3.34 U
Pentachlorophenol	900	300	1200	UG/KG	160 U	150 U	150 U
Toxaphene	600	300	--	UG/KG	34.3 U	33.6 U	33.4 U
trans-Chlordane	--	--	--	UG/KG	2.29 U	0.661 JPI	2.23 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 34-WC (0-9) 35-WC (0-9) 36-WC (0-9) 37-WC (0-9)					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aldrin	40	200	440	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.743 U	0.776 U	0.777 U	0.751 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Beta Endosulfan	--	4000	260000	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Chlordane	200	50	49000	UG/KG	14.5 U	15.1 U	15.2 U	34.3
cis-Chlordane	--	--	--	UG/KG	2.23 U	1.7 J	1.6 J	3.97
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Dieldrin	40	3	440	UG/KG	1.11 U	1.49	1.06 J	1.46 P
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.743 U	0.776 U	0.777 U	0.751 U
Endrin	23000	1000	5500	UG/KG	0.743 U	0.776 U	0.777 U	0.751 U
Endrin Aldehyde	--	--	--	UG/KG	2.23 U	2.33 U	2.33 U	2.25 U
Endrin Ketone	--	--	--	UG/KG	1.78 U	1.86 U	1.86 U	1.8 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.743 U	0.776 U	0.777 U	0.751 U
Heptachlor	100	500	680	UG/KG	0.891 U	0.931 U	0.932 U	0.902 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.34 U	3.49 U	3.5 U	3.38 U
Methoxychlor	390000	160000	630000	UG/KG	3.34 U	3.49 U	3.5 U	3.38 U
P,P'-DDD	3000	4000	30000	UG/KG	5.69	12.1 P	1.87	6.22
P,P'-DDE	2000	18000	170000	UG/KG	1.78 U	11	4.51	15.4
P,P'-DDT	2000	11000	230000	UG/KG	34.2	55.6	15.7	54.6
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U	160 U	160 U
Toxaphene	600	300	--	UG/KG	33.4 U	34.9 U	35 U	33.8 U
trans-Chlordane	--	--	--	UG/KG	2.23 U	1.19 JPI	2.33 U	2.65

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 38/39-WC (0-8)					40-WC (0-12)	41/51-WC (0-10)
Sample Date: 06/25/2018					06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	40	200	440	UG/KG	1.78 U	1.75 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.74 U	0.728 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.78 U	1.75 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.78 U	1.75 U
Beta Endosulfan	--	4000	260000	UG/KG	1.78 U	1.75 U
Chlordane	200	50	49000	UG/KG	14.4 U	14.2 U
cis-Chlordane	--	--	--	UG/KG	2.31	7.16 P
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.78 U	1.75 U
Dieldrin	40	3	440	UG/KG	1.11 U	1.09 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.74 U	0.728 U
Endrin	23000	1000	5500	UG/KG	0.74 U	0.728 U
Endrin Aldehyde	--	--	--	UG/KG	2.22 U	2.18 U
Endrin Ketone	--	--	--	UG/KG	1.78 U	1.75 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.74 U	0.728 U
Heptachlor	100	500	680	UG/KG	0.888 U	0.874 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.33 U	3.28 U
Methoxychlor	390000	160000	630000	UG/KG	3.33 U	3.28 U
P,P'-DDD	3000	4000	30000	UG/KG	6.65	8.62
P,P'-DDE	2000	18000	170000	UG/KG	86.4	55.4
P,P'-DDT	2000	11000	230000	UG/KG	111	66.2
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U
Toxaphene	600	300	--	UG/KG	33.3 U	32.8 U
trans-Chlordane	--	--	--	UG/KG	2.46 P	2.18 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.79 U	1.91 U	1.84 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.744 U	0.796 U	0.766 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.79 U	1.91 U	1.84 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.79 U	1.91 U	1.84 U
Beta Endosulfan	--	4000	260000	UG/KG	1.79 U	1.91 U	0.843 JPI
Chlordane	200	50	49000	UG/KG	14.5 U	15.5 U	14.9 U
cis-Chlordane	--	--	--	UG/KG	2.23 U	2.39 U	1.49 JPI
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.79 U	1.91 U	1.84 U
Dieldrin	40	3	440	UG/KG	1.12 U	0.737 J	1.61 P
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.744 U	0.796 U	0.766 U
Endrin	23000	1000	5500	UG/KG	0.744 U	0.796 U	0.766 U
Endrin Aldehyde	--	--	--	UG/KG	2.23 U	2.39 U	2.3 U
Endrin Ketone	--	--	--	UG/KG	1.79 U	1.91 U	1.84 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.744 U	0.796 U	0.766 U
Heptachlor	100	500	680	UG/KG	0.893 U	0.955 U	0.919 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.35 U	3.58 U	1.63 J
Methoxychlor	390000	160000	630000	UG/KG	3.35 U	3.58 U	3.45 U
P,P'-DDD	3000	4000	30000	UG/KG	2.94	1.91 U	5.07
P,P'-DDE	2000	18000	170000	UG/KG	1.79 U	0.985 J	12.7
P,P'-DDT	2000	11000	230000	UG/KG	3.35 U	1.95 J	44.9
Pentachlorophenol	900	300	1200	UG/KG	150 U	160 U	160 U
Toxaphene	600	300	--	UG/KG	33.5 U	35.8 U	34.5 U
trans-Chlordane	--	--	--	UG/KG	2.23 U	2.39 U	2.17 JPI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 46-WC (0-9) 47-WC (0-9) 48-WC (0-9)					46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date: 06/22/2018 06/21/2018 06/21/2018					06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.86 U	1.74 U	1.94 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.773 U	0.726 U	0.807 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.86 U	1.74 U	1.94 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.86 U	1.74 U	1.94 U
Beta Endosulfan	--	4000	260000	UG/KG	0.933 JPI	1.74 U	1.94 U
Chlordane	200	50	49000	UG/KG	15.1 U	14.2 U	15.7 U
cis-Chlordane	--	--	--	UG/KG	2.24 J	22.9 P	2.42 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.86 U	1.74 U	1.94 U
Dieldrin	40	3	440	UG/KG	1.76 PI	1.09 U	1.21 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.773 U	0.726 U	0.807 U
Endrin	23000	1000	5500	UG/KG	0.773 U	0.726 U	0.807 U
Endrin Aldehyde	--	--	--	UG/KG	2.32 U	2.18 U	2.42 U
Endrin Ketone	--	--	--	UG/KG	1.86 U	1.74 U	1.94 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.773 U	0.726 U	0.807 U
Heptachlor	100	500	680	UG/KG	0.928 U	0.871 U	0.969 U
Heptachlor Epoxide	70	10	1100	UG/KG	1.62 J	3.27 U	3.63 U
Methoxychlor	390000	160000	630000	UG/KG	3.48 U	3.27 U	3.63 U
P,P'-DDD	3000	4000	30000	UG/KG	2.06	14.1	1.5 J
P,P'-DDE	2000	18000	170000	UG/KG	5.65	34.9	3.5
P,P'-DDT	2000	11000	230000	UG/KG	22.6	90.5	9.08
Pentachlorophenol	900	300	1200	UG/KG	160 U	290 U	170 U
Toxaphene	600	300	--	UG/KG	34.8 U	32.7 U	36.3 U
trans-Chlordane	--	--		UG/KG	1.22 JPI	2.18 U	2.42 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:					06/25/2018	06/20/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.76 U	1.81 U	1.82 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.732 U	0.753 U	0.759 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.76 U	1.81 U	1.82 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.76 U	1.81 U	1.82 U
Beta Endosulfan	--	4000	260000	UG/KG	1.76 U	1.81 U	1.82 U
Chlordane	200	50	49000	UG/KG	14.3 U	14.7 U	14.8 U
cis-Chlordane	--	--	--	UG/KG	1.98 J	5.16	2.28 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.76 U	1.81 U	1.82 U
Dieldrin	40	3	440	UG/KG	1.1 U	1.13 U	1.14 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.732 U	0.753 U	0.759 U
Endrin	23000	1000	5500	UG/KG	0.732 U	0.753 U	0.759 U
Endrin Aldehyde	--	--	--	UG/KG	2.2 U	2.26 U	2.28 U
Endrin Ketone	--	--	--	UG/KG	1.76 U	1.81 U	1.82 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.732 U	0.753 U	0.759 U
Heptachlor	100	500	680	UG/KG	0.879 U	0.904 U	0.911 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.3 U	2.1 J	3.42 U
Methoxychlor	390000	160000	630000	UG/KG	3.3 U	3.39 U	3.42 U
P,P'-DDD	3000	4000	30000	UG/KG	5.38	1.93	1.82 U
P,P'-DDE	2000	18000	170000	UG/KG	31.8	1.54 J	1.82 U
P,P'-DDT	2000	11000	230000	UG/KG	92.1	3.26 J	3.42 U
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U	150 U
Toxaphene	600	300	--	UG/KG	33 U	33.9 U	34.2 U
trans-Chlordane	--	--	--	UG/KG	2.2 U	5.74 PI	2.28 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 55-WC (0-9) 56-WC (0-9) 57-WC (0-9) 58-WC (0-9)					55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date: 06/21/2018 06/21/2018 06/21/2018 06/21/2018					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Aldrin	40	200	440	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.717 U	0.717 U	0.736 U	0.705 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Beta Endosulfan	--	4000	260000	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Chlordane	200	50	49000	UG/KG	14 U	14 U	14.3 U	13.8 U
cis-Chlordane	--	--	--	UG/KG	2.15 U	30.7 P	6.64 P	8.57
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Dieldrin	40	3	440	UG/KG	1.08 U	1.08 U	1.1 U	1.06 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.717 U	0.717 U	0.736 U	0.705 U
Endrin	23000	1000	5500	UG/KG	0.717 U	0.717 U	0.736 U	0.705 U
Endrin Aldehyde	--	--	--	UG/KG	2.15 U	2.15 U	2.21 U	2.12 U
Endrin Ketone	--	--	--	UG/KG	1.72 U	1.72 U	1.76 U	1.69 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.717 U	0.717 U	0.736 U	0.705 U
Heptachlor	100	500	680	UG/KG	0.86 U	0.861 U	0.883 U	0.846 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.23 U	3.23 U	3.31 U	3.17 U
Methoxychlor	390000	160000	630000	UG/KG	3.23 U	3.23 U	3.31 U	3.17 U
P,P'-DDD	3000	4000	30000	UG/KG	5.12	306	21	18.5
P,P'-DDE	2000	18000	170000	UG/KG	7.35	370	27.2	123
P,P'-DDT	2000	11000	230000	UG/KG	30	567	75.8	198
Pentachlorophenol	900	300	1200	UG/KG	150 U	140 U	290 U	1400 U
Toxaphene	600	300	--	UG/KG	32.3 U	32.3 U	33.1 U	31.7 U
trans-Chlordane	--	--	--	UG/KG	2.15 U	27.6 P	2.21 U	2.12 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 59/60-WC (0-9)					61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date: 06/25/2018					06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	40	200	440	UG/KG	1.72 U	1.7 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.718 U	0.707 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.72 U	1.7 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.72 U	1.7 U
Beta Endosulfan	--	4000	260000	UG/KG	1.72 U	1.7 U
Chlordane	200	50	49000	UG/KG	14 U	13.8 U
cis-Chlordane	--	--	--	UG/KG	2.16 U	1.35 JPI
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.72 U	1.7 U
Dieldrin	40	3	440	UG/KG	1.08 U	1.06 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.718 U	0.707 U
Endrin	23000	1000	5500	UG/KG	0.718 U	4.12
Endrin Aldehyde	--	--	--	UG/KG	2.16 U	2.12 U
Endrin Ketone	--	--	--	UG/KG	1.72 U	1.7 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.718 U	0.707 U
Heptachlor	100	500	680	UG/KG	0.862 U	0.849 U
Heptachlor Epoxide	70	10	1100	UG/KG	1.22 J	1.26 JPI
Methoxychlor	390000	160000	630000	UG/KG	3.23 U	3.18 U
P,P'-DDD	3000	4000	30000	UG/KG	3.46	7.48 P
P,P'-DDE	2000	18000	170000	UG/KG	17	28.1
P,P'-DDT	2000	11000	230000	UG/KG	33.8	96.2
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U
Toxaphene	600	300	--	UG/KG	32.3 U	31.8 U
trans-Chlordane	--	--	--	UG/KG	2.16 U	8.06 PI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X34-WC (9-18) X35-WC (9-18) X36/X37-WC (9-14)					Sample Date: 06/25/2018 06/25/2018 06/25/2018		
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	2 U	1.89 U	1.87 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.832 U	0.788 U	0.779 U
Alpha Endosulfan	--	4000	260000	UG/KG	2 U	1.89 U	1.87 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	2 U	1.89 U	1.87 U
Beta Endosulfan	--	4000	260000	UG/KG	2 U	1.89 U	1.87 U
Chlordane	200	50	49000	UG/KG	16.2 U	15.4 U	15.2 U
cis-Chlordane	--	--	--	UG/KG	2.49 U	2.36 U	2.34 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	2 U	1.89 U	1.87 U
Dieldrin	40	3	440	UG/KG	1.25 U	1.18 U	1.17 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.832 U	0.788 U	0.779 U
Endrin	23000	1000	5500	UG/KG	0.832 U	0.788 U	0.779 U
Endrin Aldehyde	--	--	--	UG/KG	2.49 U	2.36 U	2.34 U
Endrin Ketone	--	--	--	UG/KG	2 U	1.89 U	1.87 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.832 U	0.788 U	0.779 U
Heptachlor	100	500	680	UG/KG	0.998 U	0.946 U	0.935 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.74 U	3.55 U	3.5 U
Methoxychlor	390000	160000	630000	UG/KG	3.74 U	3.55 U	3.5 U
P,P'-DDD	3000	4000	30000	UG/KG	2 U	3.33	0.998 J
P,P'-DDE	2000	18000	170000	UG/KG	2 U	1.45 J	2.53
P,P'-DDT	2000	11000	230000	UG/KG	3.74 U	4.87	6.61
Pentachlorophenol	900	300	1200	UG/KG	170 U	160 U	160 U
Toxaphene	600	300	--	UG/KG	37.4 U	35.5 U	35 U
trans-Chlordane	--	--		UG/KG	2.49 U	2.36 U	2.34 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X44-WC (9-18) X45-WC (9-19) X46-WC (9-19)					Sample Date: 06/22/2018 06/22/2018 06/22/2018		
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.88 U	84.6 U	1.7 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.784 U	35.3 U	0.709 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.88 U	84.6 U	1.7 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.88 U	84.6 U	1.7 U
Beta Endosulfan	--	4000	260000	UG/KG	1.88 U	84.6 U	1.7 U
Chlordane	200	50	49000	UG/KG	15.3 U	688 U	13.8 U
cis-Chlordane	--	--	--	UG/KG	0.751 J	106 U	2.13 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.88 U	84.6 U	1.7 U
Dieldrin	40	3	440	UG/KG	1.18 U	52.9 U	1.06 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.784 U	35.3 U	0.709 U
Endrin	23000	1000	5500	UG/KG	0.784 U	35.3 U	0.709 U
Endrin Aldehyde	--	--	--	UG/KG	2.35 U	106 U	2.13 U
Endrin Ketone	--	--	--	UG/KG	1.88 U	84.6 U	1.7 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.784 U	35.3 U	0.709 U
Heptachlor	100	500	680	UG/KG	0.94 U	42.3 U	0.85 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.53 U	159 U	3.19 U
Methoxychlor	390000	160000	630000	UG/KG	3.53 U	159 U	3.19 U
P,P'-DDD	3000	4000	30000	UG/KG	1.22 J	84.6 U	1.7 U
P,P'-DDE	2000	18000	170000	UG/KG	1.88 U	84.6 U	1.7 U
P,P'-DDT	2000	11000	230000	UG/KG	3.53 U	159 U	3.19 U
Pentachlorophenol	900	300	1200	UG/KG	160 U	140 U	710 U
Toxaphene	600	300	--	UG/KG	35.3 U	1590 U	31.9 U
trans-Chlordane	--	--	--	UG/KG	2.35 U	106 U	2.13 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X47-WC (9-19)					X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date: 06/21/2018					06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	40	200	440	UG/KG	1.84 U	1.78 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.765 U	0.74 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.84 U	1.78 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.84 U	1.78 U
Beta Endosulfan	--	4000	260000	UG/KG	1.84 U	1.78 U
Chlordane	200	50	49000	UG/KG	14.9 U	14.4 U
cis-Chlordane	--	--	--	UG/KG	2.3 U	2.22 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.84 U	1.78 U
Dieldrin	40	3	440	UG/KG	1.15 U	1.11 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.765 U	0.74 U
Endrin	23000	1000	5500	UG/KG	0.765 U	0.74 U
Endrin Aldehyde	--	--	--	UG/KG	2.3 U	2.22 U
Endrin Ketone	--	--	--	UG/KG	1.84 U	1.78 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.765 U	0.74 U
Heptachlor	100	500	680	UG/KG	0.918 U	0.888 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.44 U	3.33 U
Methoxychlor	390000	160000	630000	UG/KG	3.44 U	3.33 U
P,P'-DDD	3000	4000	30000	UG/KG	3.08	25.7
P,P'-DDE	2000	18000	170000	UG/KG	3.01	62.1
P,P'-DDT	2000	11000	230000	UG/KG	8.79	967
Pentachlorophenol	900	300	1200	UG/KG	1500 U	1500 U
Toxaphene	600	300	--	UG/KG	34.4 U	33.3 U
trans-Chlordane	--	--	--	UG/KG	2.3 U	2.22 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X55-WC (9-19)					X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date: 06/21/2018					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.88 U	1.85 U	1.78 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.782 U	0.77 U	0.743 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.88 U	1.85 U	1.78 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.88 U	1.85 U	1.78 U
Beta Endosulfan	--	4000	260000	UG/KG	1.88 U	1.85 U	1.78 U
Chlordane	200	50	49000	UG/KG	15.2 U	15 U	14.5 U
cis-Chlordane	--	--	--	UG/KG	2.34 U	2.31 U	2.23 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.88 U	1.85 U	1.78 U
Dieldrin	40	3	440	UG/KG	1.17 U	1.16 U	1.11 U
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.782 U	0.77 U	0.743 U
Endrin	23000	1000	5500	UG/KG	0.782 U	0.77 U	0.743 U
Endrin Aldehyde	--	--	--	UG/KG	2.34 U	2.31 U	2.23 U
Endrin Ketone	--	--	--	UG/KG	1.88 U	1.85 U	1.78 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.782 U	0.77 U	0.743 U
Heptachlor	100	500	680	UG/KG	0.938 U	0.924 U	0.892 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.52 U	3.47 U	3.34 U
Methoxychlor	390000	160000	630000	UG/KG	3.52 U	3.47 U	3.34 U
P,P'-DDD	3000	4000	30000	UG/KG	6.93	20.8	1.78 U
P,P'-DDE	2000	18000	170000	UG/KG	5.59	5.82	1.78 U
P,P'-DDT	2000	11000	230000	UG/KG	16.7	6.2	3.34 U
Pentachlorophenol	900	300	1200	UG/KG	1600 U	810 U	1600 U
Toxaphene	600	300	--	UG/KG	35.2 U	34.7 U	33.4 U
trans-Chlordane	--	--		UG/KG	2.34 U	2.31 U	2.23 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: Sample Date:					DL-62-WC (0-5) 08/31/2018	DL-63-WC (0-5) 08/31/2018	DL-64/65-WC (0-5) 08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	40	200	440	UG/KG	1.81 U	1.81 U	1.73 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG	0.755 U	0.753 U	0.719 U
Alpha Endosulfan	--	4000	260000	UG/KG	1.81 U	1.81 U	1.73 U
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG	1.81 U	1.81 U	1.73 U
Beta Endosulfan	--	4000	260000	UG/KG	1.81 U	1.81 U	1.73 U
Chlordane	200	50	49000	UG/KG	14.7 U	14.7 U	14 U
cis-Chlordane	--	--	--	UG/KG	2.26 U	2.26 U	2.16 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG	1.81 U	1.81 U	1.73 U
Dieldrin	40	3	440	UG/KG	1.13 U	0.593 J	0.757 J
Endosulfan Sulfate	470000	2000	70000	UG/KG	0.755 U	0.753 U	0.719 U
Endrin	23000	1000	5500	UG/KG	0.755 U	0.753 U	0.719 U
Endrin Aldehyde	--	--	--	UG/KG	2.26 U	2.26 U	2.16 U
Endrin Ketone	--	--	--	UG/KG	1.81 U	1.81 U	1.73 U
Gamma Bhc (Lindane)	400	2	72	UG/KG	0.755 U	0.753 U	0.719 U
Heptachlor	100	500	680	UG/KG	0.906 U	0.903 U	0.863 U
Heptachlor Epoxide	70	10	1100	UG/KG	3.4 U	3.39 U	3.24 U
Methoxychlor	390000	160000	630000	UG/KG	3.4 U	3.39 U	3.24 U
P,P'-DDD	3000	4000	30000	UG/KG	1.81 U	1.81 U	1.73 U
P,P'-DDE	2000	18000	170000	UG/KG	1.81 U	2.03 P	2.11
P,P'-DDT	2000	11000	230000	UG/KG	3.4 U	9.14	7.25
Pentachlorophenol	900	300	1200	UG/KG	150 U	150 U	150 U
Toxaphene	600	300	--	UG/KG	34 U	33.9 U	32.4 U
trans-Chlordane	--	--	--	UG/KG	2.26 U	2.26 U	2.16 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
Aldrin	40	200	440	UG/KG
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	190	UG/KG
Alpha Endosulfan	--	4000	260000	UG/KG
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	820	UG/KG
Beta Endosulfan	--	4000	260000	UG/KG
Chlordane	200	50	49000	UG/KG
cis-Chlordane	--	--	--	UG/KG
Delta BHC (Delta Hexachlorocyclohexane)	--	--	30000	UG/KG
Dieldrin	40	3	440	UG/KG
Endosulfan Sulfate	470000	2000	70000	UG/KG
Endrin	23000	1000	5500	UG/KG
Endrin Aldehyde	--	--	--	UG/KG
Endrin Ketone	--	--	--	UG/KG
Gamma Bhc (Lindane)	400	2	72	UG/KG
Heptachlor	100	500	680	UG/KG
Heptachlor Epoxide	70	10	1100	UG/KG
Methoxychlor	390000	160000	630000	UG/KG
P,P'-DDD	3000	4000	30000	UG/KG
P,P'-DDE	2000	18000	170000	UG/KG
P,P'-DDT	2000	11000	230000	UG/KG
Pentachlorophenol	900	300	1200	UG/KG
Toxaphene	600	300	--	UG/KG
trans-Chlordane	--	--	--	UG/KG

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)
					Sample Date:	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Oil & Grease, Total Rec	--	--	--	MG/KG	256	388	826	
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	148	51.6	132	
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	346	62.3	182	

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:					06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	514	617	528
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	262	192	405
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	236	395	321

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:					06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	MG/KG	980	227 U
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	277	128
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	453	126

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)
Sample Date:					06/25/2018	06/25/2018	06/26/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	544	543	469
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	450	301	246
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	248	160	297

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					22/31-WC (0-11)	23/24-WC (0-11)
Sample Date:					06/20/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	MG/KG	722	772
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	123	138
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	127	161

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)
Sample Date:					06/18/2018	06/20/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	238 U	2140	5110
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	178	904	539
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	115	1240	525

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:					06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	578	552	3080
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	7880	519	81
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	5010	226	119

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:					06/25/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	2030	272	840
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	1430	90	98.2
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	1310	112	167

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:					06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	1210	330	1130
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	237	73.4	276
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	134	151	332

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:					06/22/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	1460	725	1110
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	297	322	215
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	230	316	284

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:					06/25/2018	06/20/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	376	1810	1800
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	255	90.7	87.2
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	169	233	70.8

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
					Sample Date:	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Oil & Grease, Total Rec	--	--	--	MG/KG	527	764	755	1290	
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	219	537	506	274	
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	422	596	593	771	

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:					06/25/2018	06/26/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	375	234	1780
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	463	105	3430
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	248	138	1330

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:					06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	262 U	9940	1200
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	29.8 U	6990	695
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	12.8 J	5910	393

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
Sample Date:					06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	17200	8000	23100
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	11000	7510	33000
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	4690	7030	35700

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	15800	18300	4700
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	9440	1870	10300
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	8730	4410	6280

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:					06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	MG/KG	8050	13900	20100
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	12000	8280	20900
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	7990	9150	30900

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-62-WC (0-5)	DL-63-WC (0-5)
Sample Date:					08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	MG/KG	240	374
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	96	39.7
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	212	457

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:					08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	MG/KG	227 U	437
Total Extractable Petroleum Hydrocarbons	5100	--	--	MG/KG	56	220
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	MG/KG	77.8	417

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					1-WC (7-8)	1/2-WC (0-12)	3/4-WC (0-10)	4-WC (0-1)	5-WC (4-5)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hydrogen Cation	--	--	--	SU	NA	8	7.8	NA	NA
Ignitability	--	--	--	NONE	NA	0 U	0 U	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	10 U	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	10 U	NA	NA
Total Solids	--	--	--	PERCENT	86.8	82	87.7	91.9	86.7
Total Volatile Solids	--	--	--	PERCENT	NA	7.5	5.7	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					5/6-WC (0-12)	7/8-WC (0-12)	8-WC (0-1)	9-WC (0-1)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	8.4	8.5	NA	NA
Ignitability	--	--	--	NONE	0 U	0 U	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	NA	NA
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	NA	NA
Total Solids	--	--	--	PERCENT	88.4	81.7	85.9	90
Total Volatile Solids	--	--	--	PERCENT	4.9	9.8	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					9/10-WC (0-12)	11/12-WC (0-12)	12-WC (0-1)	13/14-WC (0-10)
Sample Date:					06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	9	10	NA	8.5
Ignitability	--	--	--	NONE	0 U	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	81	87.2	89	86.7
Total Volatile Solids	--	--	--	PERCENT	8.6	6.1	NA	3.9

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					14-WC (5-6)	15/16-WC (0-10)	16-WC (0-1)	17/27-WC (0-11)
Sample Date:					06/20/2018	06/18/2018	06/18/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	7.6	NA	10.4
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	90.6	88.1	90.9	86.4
Total Volatile Solids	--	--	--	PERCENT	NA	3.3	NA	3.3

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					20/30-WC (0-8)	21-WC (0-8)	21-WC (7-8)	22/31-WC (0-11)
Sample Date:					06/25/2018	06/26/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	9.6	9.6	NA	10.4
Ignitability	--	--	--	NONE	0 U	0 U	NA	0 U
Paint Filter	--	--	--	NONE	0	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	84.7	89.5	84.2	91.4
Total Volatile Solids	--	--	--	PERCENT	5.4	3.5	NA	2.7

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					22-WC (0-1)	23/24-WC (0-11)	23-WC (1-2)	25/26-WC (0-10)
Sample Date:					06/20/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	8.6	NA	8.3
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	92.8	84.2	91.4	84
Total Volatile Solids	--	--	--	PERCENT	NA	4.5	NA	3.8

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					26-WC (0-1)	27-WC (10-11)	30-WC (1-2)	32/33-WC (0-11)
Sample Date:					06/18/2018	06/25/2018	06/25/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	NA	NA	9.3
Ignitability	--	--	--	NONE	NA	NA	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	NA	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	NA	NA	10 U
Total Solids	--	--	--	PERCENT	90.2	87.8	92	87.9
Total Volatile Solids	--	--	--	PERCENT	NA	NA	NA	3.8

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	33-WC (0-1)	34-WC (0-9)	34-WC (5-6)	35-WC (0-9)	35-WC (5-6)
					Sample Date:	06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Hydrogen Cation	--	--	--	SU	NA	9.9	NA	10.2	NA	NA
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Total Solids	--	--	--	PERCENT	92.4	88.1	92.2	84.7	85.4	NA
Total Volatile Solids	--	--	--	PERCENT	NA	7.2	NA	12	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	36-WC (0-9)	36-WC (6-7)	37-WC (0-9)	37-WC (4-5)	38/39-WC (0-8)
					Sample Date:	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Hydrogen Cation	--	--	--	SU	10.5	NA	8.9	NA	9.1	
Ignitability	--	--	--	NONE	0 U	NA	0 U	NA	0 U	
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA	
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U	NA	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U	NA	10 U	
Total Solids	--	--	--	PERCENT	83.4	88.3	85	88	86.3	
Total Volatile Solids	--	--	--	PERCENT	5	NA	15	NA	3.3	

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	38-WC (3-4)	40-WC (0-12)	40-WC (5-6)	41/51-WC (0-10)
					Sample Date:	06/25/2018	06/26/2018	06/26/2018	06/20/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hydrogen Cation	--	--	--	SU	NA	10.2	NA	7.7	
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	
Total Solids	--	--	--	PERCENT	93.9	88.2	88.2	89.3	
Total Volatile Solids	--	--	--	PERCENT	NA	3	NA	3.1	

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					42/43-WC (0-10)	43-WC (0-1)	44-WC (0-9)	44-WC (3-4)
Sample Date:					06/20/2018	06/20/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	7.7	NA	8	NA
Ignitability	--	--	--	NONE	0 U	NA	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U	NA
Total Solids	--	--	--	PERCENT	88.4	90.2	81.8	91
Total Volatile Solids	--	--	--	PERCENT	3.3	NA	13	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					45-WC (0-1)	45-WC (0-9)	46-WC (0-1)	46-WC (0-9)	47-WC (0-9)
Sample Date:					06/22/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hydrogen Cation	--	--	--	SU	NA	10.3	NA	8.6	8.8
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	10 U
Total Solids	--	--	--	PERCENT	91.2	84.8	91.9	83.8	91
Total Volatile Solids	--	--	--	PERCENT	NA	3.6	NA	11	4.3

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					47-WC (4-5)	48-WC (0-9)	48-WC (1-2)	49/50-WC (0-9)	49-WC (1-2)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hydrogen Cation	--	--	--	SU	NA	8.5	NA	10.1	NA
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	NA
Total Solids	--	--	--	PERCENT	90.2	77.6	93.2	87.7	89.6
Total Volatile Solids	--	--	--	PERCENT	NA	3.9	NA	2.8	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	51-WC (0-1)	52/53-WC (0-8)	52-WC (0-1)	54-WC (0-9)	54-WC (8-9)
					Sample Date:	06/20/2018	06/20/2018	06/20/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Hydrogen Cation	--	--	--	SU	NA	7.7	NA	8	NA	NA
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Total Solids	--	--	--	PERCENT	90.1	88.3	94.5	85.1	69.6	NA
Total Volatile Solids	--	--	--	PERCENT	NA	4.7	NA	3	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					55-WC (0-9)	55-WC (1-2)	56-WC (0-9)	56-WC (1-2)	57-WC (0-9)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hydrogen Cation	--	--	--	SU	7.9	NA	10.6	NA	10.9
Ignitability	--	--	--	NONE	0 U	NA	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	89.1	92.8	89	91.2	90.1
Total Volatile Solids	--	--	--	PERCENT	6.9	NA	4	NA	4.2

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

					Sample Designation:	57-WC (1-2)	58-WC (0-9)	58-WC (1-2)	59/60-WC (0-9)	59-WC (0-1)
					Sample Date:	06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Hydrogen Cation	--	--	--	SU	NA	9.6	NA	8.6	NA	NA
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U	NA	NA
Total Solids	--	--	--	PERCENT	90	91.9	82.7	90.6	89.3	89.3
Total Volatile Solids	--	--	--	PERCENT	NA	6.6	NA	4	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					61-WC (0-1)	61-WC (0-7)	DL-63/66/62-WC (0-5)	DL-66-WC (0-2)
Sample Date:					06/26/2018	06/26/2018	07/25/2018	07/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	10.5	9.3	NA
Ignitability	--	--	--	NONE	NA	0 U	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	10 U	NA
Total Solids	--	--	--	PERCENT	89.8	89.6	85.9	88.3
Total Volatile Solids	--	--	--	PERCENT	NA	2.4	15	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X34-WC (14-15)	X34-WC (9-18)	X35-WC (11-12)	X35-WC (9-18)
Sample Date:					06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	7.4	NA	7.6
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	83.2	76.4	89.3	81.5
Total Volatile Solids	--	--	--	PERCENT	NA	1.2	NA	2.1

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X36/X37-WC (9-14)	X36-WC (13-14)	X44-WC (12-13)	X44-WC (9-18)
Sample Date:					06/25/2018	06/25/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	9.6	NA	NA	9.8
Ignitability	--	--	--	NONE	0 U	NA	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	NA	10 U
Total Solids	--	--	--	PERCENT	80.8	86.4	91	82.6
Total Volatile Solids	--	--	--	PERCENT	1	NA	NA	3.6

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X45-WC (13-14)	X45-WC (9-19)	X46-WC (11-12)	X46-WC (9-19)
Sample Date:					06/22/2018	06/22/2018	06/22/2018	06/22/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	7.7	NA	7.5
Ignitability	--	--	--	NONE	NA	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	93.6	90.4	88.8	92.7
Total Volatile Solids	--	--	--	PERCENT	NA	2.8	NA	4.8

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X47-WC (12-13)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (12-13)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	NA	8.1	7.6	NA
Ignitability	--	--	--	NONE	NA	0 U	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	10 U	NA
Total Solids	--	--	--	PERCENT	92.7	85.1	87.4	85.8
Total Volatile Solids	--	--	--	PERCENT	NA	2.4	3.2	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X54-WC (9-19)	X55-WC (12-13)	X55-WC (9-19)	X56-WC (12-13)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	7.7	NA	8.3	NA
Ignitability	--	--	--	NONE	0 U	NA	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U	NA
Total Solids	--	--	--	PERCENT	82.8	89.4	81.7	89.7
Total Volatile Solids	--	--	--	PERCENT	5.1	NA	2.6	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					X56-WC (9-19)	X57-WC (15-16)	X57-WC (9-19)	X58-WC (10-11)
Sample Date:					06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Hydrogen Cation	--	--	--	SU	7.9	NA	7.8	NA
Ignitability	--	--	--	NONE	0 U	NA	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U	NA
Total Solids	--	--	--	PERCENT	81.8	88.8	84.7	87.7
Total Volatile Solids	--	--	--	PERCENT	2.9	NA	5.7	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	SU	NA	NA	NA
Ignitability	--	--	--	NONE	NA	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	NA	NA
Total Solids	--	--	--	PERCENT	85.4	82.3	83.6
Total Volatile Solids	--	--	--	PERCENT	NA	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	SU	NA	NA	NA
Ignitability	--	--	--	NONE	NA	NA	NA
Paint Filter	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	NA	NA
Sulfide Reactive	--	--	--	MG/KG	NA	NA	NA
Total Solids	--	--	--	PERCENT	82.9	76.3	83.7
Total Volatile Solids	--	--	--	PERCENT	NA	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	SU	NA	NA	7.8
Ignitability	--	--	--	NONE	NA	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	NA	NA	10 U
Total Solids	--	--	--	PERCENT	91.5	78.9	87.4
Total Volatile Solids	--	--	--	PERCENT	NA	NA	4.6

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-62-WC (1-2)	DL-63-WC (0-5)	DL-63-WC (1-2)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	SU	NA	9.3	NA
Ignitability	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	PERCENT	90.5	88.1	89.6
Total Volatile Solids	--	--	--	PERCENT	NA	7.7	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:					DL-64/65-WC (0-5)	DL-64/65-WC (1-2)	DL-66/67-WC (0-5)
Sample Date:					08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	SU	9.4	NA	11
Ignitability	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	PERCENT	88	89.2	89.2
Total Volatile Solids	--	--	--	PERCENT	3.7	NA	7.7

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (1-2)				
Sample Date: 08/31/2018				
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units
Hydrogen Cation	--	--	--	SU
Ignitability	--	--	--	NONE
Paint Filter	--	--	--	NONE
Reactive Cyanide	--	--	--	MG/KG
Sulfide Reactive	--	--	--	MG/KG
Total Solids	--	--	--	PERCENT
Total Volatile Solids	--	--	--	PERCENT

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1-WC (7-8)	4-WC (0-1)	8-WC (0-1)	9-WC (0-1)	12-WC (0-1)	14-WC (5-6)	16-WC (0-1)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			21-WC (7-8)	22-WC (0-1)	23-WC (1-2)	26-WC (0-1)	27-WC (10-11)	30-WC (1-2)	33-WC (0-1)
Sample Date:			06/26/2018	06/20/2018	06/20/2018	06/18/2018	06/25/2018	06/25/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.0027 J	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			34-WC (5-6)	35-WC (5-6)	36-WC (6-7)	37-WC (4-5)	38-WC (3-4)	40-WC (5-6)	43-WC (0-1)
Sample Date:			06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			44-WC (3-4)	45-WC (0-1)	46-WC (0-1)	47-WC (4-5)	48-WC (1-2)	49-WC (1-2)	51-WC (0-1)
Sample Date:			06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			52-WC (0-1)	54-WC (8-9)	55-WC (1-2)	56-WC (1-2)	57-WC (1-2)	58-WC (1-2)	59-WC (0-1)
Sample Date:			06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			5-WC (4-5)	61-WC (0-1)	DL-66-WC (0-2)	X34-WC (14-15)	X35-WC (11-12)	X36-WC (13-14)
Sample Date:			06/18/2018	06/26/2018	07/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X44-WC (12-13)	X45-WC (13-14)	X46-WC (9-19)	X47-WC (12-13)	X54-WC (12-13)
Sample Date:			06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.0083	0.0028 J	0.005 U	0.0076	0.0031 J
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.0031 J	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X55-WC (12-13)	X56-WC (12-13)	X57-WC (15-16)	X58-WC (10-11)	DL-62-WC (1-2)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.02	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.002 J	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.026	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63-WC (1-2)	DL-64/65-WC (1-2)	DL-66/67-WC (1-2)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:			06/20/2018	06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)
Sample Date:			06/20/2018	06/18/2018	06/20/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)
Sample Date:			06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:			06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018	06/20/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date:			07/25/2018	06/25/2018	06/25/2018	06/25/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)
Sample Date:			06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

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Sample Designation:			X56-WC (9-19)	X57-WC (9-19)	DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:			06/21/2018	06/21/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York**DRAFT**

Sample Designation:		DL-66/67-WC (0-5)	
Sample Date:		08/31/2018	
Parameter	USEPA Regulatory Levels (mg/L)	Units	
2,4,5-Trichlorophenol	400	MG/L	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U
Hexachloroethane	3	MG/L	0.01 U
Nitrobenzene	2	MG/L	0.01 U
Pentachlorophenol	100	MG/L	0.05 U
Pyridine	5	MG/L	0.018 U

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	0.028 J	1 U	1 U
Barium	100	MG/L	0.785	0.475 J	1.1	0.714	0.548	1.14	0.163 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.011 J	0.015 J	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.031 J	0.2 U	0.044 J	0.072 J	0.036 J	0.2 U
Lead	5	MG/L	0.751	0.197 J	0.122 J	2.62	1.91	0.528	4.47
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.094 J	0.05 J	0.5 U	0.029 J	0.052 J	0.146 J	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	3.58	0.6	0.435 J	2.31	5.88	1.83	0.891

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

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Sample Designation:			15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)	23/24-WC (0-11)
Sample Date:			06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.509	0.606	0.344 J	0.164 J	0.469 J	0.396 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.011 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	2.66	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.164 J	1.11	0.257 J	1.89	0.092 J	0.195 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.045 J	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.311 J	3.96	1.16	0.945	0.08 J	2.82

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)
Sample Date:			06/18/2018	06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.209 J	0.371 J	0.297 J	0.517	0.457 J	0.314 J	0.309 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.03 J	0.022 J	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.407 J	0.185 J	0.402 J	0.405 J	2.55	0.191 J	0.183 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.491 J	0.494 J	1.74	0.57	0.603	0.427 J	1.03

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

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Sample Designation:			40-WC (0-12)	41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)
Sample Date:			06/26/2018	06/20/2018	06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.484 J	0.516	0.356 J	0.479 J	0.25 J	0.319 J	0.386 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	1.49	0.2 U	0.2 U	0.2 U	0.022 J
Lead	5	MG/L	0.283 J	0.083 J	0.522	0.5 U	0.044 J	0.5 U	0.152 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.041 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	1.91	0.042 J	0.679	0.556	0.407 J	0.296 J	0.297 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			48-WC (0-9)	49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date:			06/21/2018	06/25/2018	06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.354 J	0.584	0.291 J	0.631	0.31 J	0.221 J	0.305 J	0.299 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.058 J	0.1 U	0.017 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.025 J	0.2 U	0.2 U
Copper	--	MG/L	0.028 J	0.2 U	0.2 U	0.2 U	0.037 J	0.063 J	0.2 U	0.022 J
Lead	5	MG/L	0.116 J	0.264 J	0.159 J	0.5 U	0.106 J	0.152 J	0.5 U	0.16 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 J	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.261 J	0.414 J	1.22	0.046 J	1.49	0.601	0.624	0.947

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:			06/25/2018	06/26/2018	07/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.293 J	0.349 J	0.369 J	0.22 J	0.367 J	0.297 J
Cadmium	1	MG/L	0.1 U	0.011 J	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.025 J	0.084 J	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	2.52	6.94	0.827	0.5 U	0.037 J	0.5 U
Mercury	0.2	MG/L	0.001 U	0.001 U	0.0004 J	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.322 J	3.58	1.94	0.5 U	0.05 J	0.044 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:			06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	0.019 J	0.02 J	1 U	1 U	1 U
Barium	100	MG/L	0.551	0.295 J	0.439 J	0.359 J	0.742	0.493 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	0.381	0.2 U	0.387	0.2 U
Lead	5	MG/L	0.047 J	0.057 J	0.16 J	0.061 J	0.167 J	0.628
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.032 J	0.042 J	0.04 J	0.028 J	0.03 J	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.255 J	0.266 J	0.186 J	0.147 J	3.41	0.237 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	NA	NA	NA
Barium	100	MG/L	0.467 J	0.482 J	0.47 J	NA	NA	NA
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	NA	NA	NA
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	NA	NA	NA
Copper	--	MG/L	0.2 U	0.743	0.2 U	NA	NA	NA
Lead	5	MG/L	0.149 J	0.131 J	0.057 J	0.036 J	0.5 U	0.299 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	NA	NA	NA
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	NA	NA	NA
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	NA	NA	NA
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	NA	NA	NA
Zinc	--	MG/L	0.214 J	0.272 J	0.108 J	NA	NA	NA

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	NA	NA	NA	NA	NA	1 U
Barium	100	MG/L	NA	NA	NA	NA	NA	1.11
Cadmium	1	MG/L	NA	NA	NA	NA	NA	0.1 U
Chromium, Total	5	MG/L	NA	NA	NA	NA	NA	0.2 U
Copper	--	MG/L	NA	NA	NA	NA	NA	0.028 J
Lead	5	MG/L	0.5 U	0.229 J	0.5 U	1.14	0.5 U	0.437 J
Mercury	0.2	MG/L	NA	NA	NA	NA	NA	0.001 U
Nickel	--	MG/L	NA	NA	NA	NA	NA	0.5 U
Selenium	1	MG/L	NA	NA	NA	NA	NA	0.5 U
Silver	5	MG/L	NA	NA	NA	NA	NA	0.1 U
Zinc	--	MG/L	NA	NA	NA	NA	NA	0.874

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
Arsenic	5	MG/L	1 U	1 U	1 U
Barium	100	MG/L	0.394 J	0.196 J	0.23 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	0.023 J
Lead	5	MG/L	0.047 J	0.939	0.08 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.081 J	0.205 J	0.708

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)
Sample Date:			06/20/2018	06/18/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			22/31-WC (0-11)	23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)
Sample Date:			06/20/2018	06/20/2018	06/18/2018	06/20/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:			06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:			06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)
Sample Date:			06/25/2018	06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)	X34-WC (9-18)
Sample Date:			06/21/2018	06/25/2018	06/26/2018	07/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
Sample Date:			06/25/2018	06/25/2018	06/22/2018	06/22/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)	X56-WC (9-19)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X57-WC (9-19)	DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			06/21/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.66 U	5.58 U	5.92 U	5.79 U	5.32 U	5.56 U	5.91 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)	23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:			06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.36 U	5.47 U	5.34 U	5.82 U	6.09 U	5.81 U	6.03 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)
Sample Date:			06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.93 U	5.55 U	5.88 U	5.68 U	5.22 U	6.02 U	5.52 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)
Sample Date:			06/20/2018	06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
pH	--	SU	6.36 U	6.13 U	5.17 U	6.46 U	5.46 U	5.65 U	5.04 U	5.66 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)
Sample Date:			06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
pH	--	SU	6.33 U	6.35 U	5.27 U	6.08 U	6.51 U	5.4 U	5.18 U	5.17 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)	X45-WC (9-19)
Sample Date:			07/25/2018	06/25/2018	06/25/2018	06/25/2018	06/22/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
pH	--	SU	9.58 U	4.92 U	5.03 U	5.01 U	5.11 U	4.93 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:			06/22/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	4.95 U	5.07 U	5.05 U	5.04 U	5.08 U	5.01 U	5.1 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units				
pH	--	SU	5.44 U	5.26 U	6.57 U	6.45 U

Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
U -	Indicates that the compound was analyzed for but not detected
P -	The RPD between the results for the two columns exceeds the method-specified criteria
I -	The lower value for the two columns has been reported due to obvious interference
RPD -	Relative Percent Difference
ft bls -	Feet below land surface
NA -	Compound was not analyzed for by laboratory
µg/kg -	Micrograms per kilogram
mg/kg -	Milligrams per kilogram
su -	Standard units
NYSDEC -	New York State Department of Environmental Conservation
PA DEP -	Pennsylvania Department of Environmental Protection
SCO -	Soil Cleanup Objectives
--	No Objectives or Limits available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Residential SCO	
Red data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Italicized data indicates that parameter was detected above the NYSDEC Part 375 Commercial SCO	
Underlined data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits	
TCLP Tables	
mg/L -	Milligrams per liter
USEPA -	United States Environmental Protection Agency
TCLP -	Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection	
Agency Limits for RCRA Characteristic Waste for Toxicity	
RCRA -	Resource Conservation and Recovery Act
Bold -	Parameter was detected above USEPA Regulatory Levels

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 1-WC (7-8) 4-WC (0-1) 5-WC (4-5)							Sample Date: 06/18/2018 06/18/2018 06/18/2018		
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.57 U	0.61 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.61 U	0.57 U	0.61 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.61 U	0.57 U	0.61 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.9 U	4.5 U	4.9 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.57 U	0.61 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.4 U	2.3 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.4 U	2.3 U	2.4 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.4 U	2.3 U	2.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.7 U	3.4 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.1 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.4 U	2.3 U	2.4 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.1 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.4 U	2.3 U	2.4 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.4 U	2.3 U	2.4 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.4 U	2.3 U	2.4 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	110 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.4 U	2.3 U	2.4 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	11 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	9.9 J	12 U
Acrolein	--	--	--	--	--	UG/KG	31 U	28 U	31 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.9 U	4.5 U	4.9 U
Benzene	60	2900	4800	44000	130	UG/KG	0.61 U	0.57 U	0.61 U
Bromobenzene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							1-WC (7-8)	4-WC (0-1)	5-WC (4-5)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.57 U	0.61 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.4 U	2.3 U	2.4 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.61 U	0.57 U	0.61 U
Bromoform	--	--	--	--	4400	UG/KG	4.9 U	4.5 U	4.9 U
Bromomethane	--	--	--	--	540	UG/KG	2.4 U	2.3 U	2.4 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	11 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.1 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.61 U	0.57 U	0.61 U
Chloroethane	--	--	--	--	19000	UG/KG	2.4 U	2.3 U	2.4 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	1.7 U	1.8 U
Chloromethane	--	--	--	--	38	UG/KG	4.9 U	4.5 U	4.9 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.1 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.57 U	0.61 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	11 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.1 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.4 U	2.3 U	2.4 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	11 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.4 U	2.3 U	2.4 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.1 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.9 U	4.5 U	4.9 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.1 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.4 U	2.3 U	2.4 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.9 U	4.5 U	4.9 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	11 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.9 U	4.5 U	4.9 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.1 U	5.7 U	6.1 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.9 U	4.5 U	4.9 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.1 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							1-WC (7-8)	4-WC (0-1)	5-WC (4-5)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.57 U	0.61 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.1 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.4 U	2.3 U	2.4 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24 U	23 U	24 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.4 U	2.3 U	2.4 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.61 U	0.22 J	0.61 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.1 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.61 U	0.57 U	0.61 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	1.7 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.1 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.1 U	5.7 U	6.1 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.61 U	0.57 U	0.61 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.9 U	4.5 U	4.9 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	11 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.1 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 8-WC (0-1) 9-WC (0-1)							Sample Date: 06/18/2018 06/18/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.56 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.62 U	0.56 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.62 U	0.56 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5 U	4.4 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.62 U	0.56 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.5 U	2.2 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.5 U	2.2 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.5 U	2.2 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.7 U	3.3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.5 U	2.2 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.5 U	2.2 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.5 U	2.2 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.2 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.5 U	2.2 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	110 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.2 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.5 U	2.2 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	11 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	11 U
Acrolein	--	--	--	--	--	UG/KG	31 U	28 U
Acrylonitrile	--	--	--	--	37	UG/KG	5 U	4.4 U
Benzene	60	2900	4800	44000	130	UG/KG	0.62 U	0.56 U
Bromobenzene	--	--	--	--	--	UG/KG	2.5 U	2.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 8-WC (0-1) 9-WC (0-1)							Sample Date: 06/18/2018 06/18/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.56 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.5 U	2.2 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.62 U	0.56 U
Bromoform	--	--	--	--	4400	UG/KG	5 U	4.4 U
Bromomethane	--	--	--	--	540	UG/KG	2.5 U	2.2 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	11 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.62 U	0.56 U
Chloroethane	--	--	--	--	19000	UG/KG	2.5 U	2.2 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	1.7 U
Chloromethane	--	--	--	--	38	UG/KG	5 U	4.4 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.62 U	0.56 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	11 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.5 U	2.2 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	11 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.5 U	2.2 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.1 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5 U	4.4 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.1 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.5 U	2.2 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5 U	4.4 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	11 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5 U	4.4 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.2 U	5.6 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5 U	4.4 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.1 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 8-WC (0-1) 9-WC (0-1)							Sample Date: 06/18/2018 06/18/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.56 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.1 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.5 U	2.2 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	25 U	22 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.5 U	2.2 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.62 U	0.56 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.62 U	0.56 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	1.7 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.2 U	5.6 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.62 U	0.56 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5 U	4.4 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 12-WC (0-1) 14-WC (5-6)							12-WC (0-1)	14-WC (5-6)
Sample Date: 06/18/2018 06/20/2018							06/18/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	0.57 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.58 U	0.57 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.58 U	0.57 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.7 U	4.6 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.58 U	0.57 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.3 U	2.3 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.3 U	2.3 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.3 U	0.76 J
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.3 U	2.3 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.3 U	8.4
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.5 U	3.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.3 U	2.3 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.3 U	4.1
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.3 U	2.3 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	2.3 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.3 U	2.3 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.3 U	2 J
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	110 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	2.3 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.3 U	2.3 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	11 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.3 U	2.3 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.3 U	3.6
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	8.1 J
Acrolein	--	--	--	--	--	UG/KG	29 U	29 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.7 U	4.6 U
Benzene	60	2900	4800	44000	130	UG/KG	0.58 U	5.7
Bromobenzene	--	--	--	--	--	UG/KG	2.3 U	2.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 12-WC (0-1) 14-WC (5-6)							12-WC (0-1)	14-WC (5-6)
Sample Date: 06/18/2018 06/20/2018							06/18/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	0.57 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.3 U	2.3 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.58 U	0.57 U
Bromoform	--	--	--	--	4400	UG/KG	4.7 U	4.6 U
Bromomethane	--	--	--	--	540	UG/KG	2.3 U	2.3 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	11 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.58 U	0.57 U
Chloroethane	--	--	--	--	19000	UG/KG	2.3 U	2.3 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	1.7 U
Chloromethane	--	--	--	--	38	UG/KG	4.7 U	4.6 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.58 U	0.57 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	1.7 J
Cymene	--	--	--	--	--	UG/KG	1.2 U	0.6 J
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.3 U	2.3 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	11 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.3 U	2.3 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.9
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.7 U	4.6 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	0.63 J
m,p-Xylene	--	--	--	--	--	UG/KG	2.3 U	7.6
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.7 U	4.6 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	11 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.7 U	5
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.8 U	5.7 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.7 U	2600
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.1 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	0.47 J
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	5
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	0.24 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 12-WC (0-1) 14-WC (5-6)							12-WC (0-1)	14-WC (5-6)
Sample Date: 06/18/2018 06/20/2018							06/18/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	0.57 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	0.84 J
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.3 U	2.3 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	23 U	23 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.3 U	2.3 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.58 U	0.57 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	5.6
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.58 U	0.57 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	1.7 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.8 U	5.7 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.58 U	0.57 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.7 U	4.6 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	13

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 16-WC (0-1) 21-WC (7-8)							16-WC (0-1)	21-WC (7-8)
Sample Date: 06/18/2018 06/26/2018							06/18/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.62 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.62 U	0.62 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.62 U	0.62 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5 U	5 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.62 U	0.62 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.5 U	2.5 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.8 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.5 U	2.5 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.5 U	2.5 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.5 U	2.5 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.5 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.5 U	2.5 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.5 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.5 U	2.5 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
Acetone	50	100000	100000	500000	110000	UG/KG	11 J	11 J
Acrolein	--	--	--	--	--	UG/KG	31 U	31 U
Acrylonitrile	--	--	--	--	37	UG/KG	5 U	5 U
Benzene	60	2900	4800	44000	130	UG/KG	0.62 U	0.62 U
Bromobenzene	--	--	--	--	--	UG/KG	2.5 U	2.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 16-WC (0-1) 21-WC (7-8)							16-WC (0-1)	21-WC (7-8)
Sample Date: 06/18/2018 06/26/2018							06/18/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.62 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.5 U	2.5 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.62 U	0.62 U
Bromoform	--	--	--	--	4400	UG/KG	5 U	5 U
Bromomethane	--	--	--	--	540	UG/KG	2.5 U	2.5 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.62 U	0.62 U
Chloroethane	--	--	--	--	19000	UG/KG	2.5 U	2.5 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.9 U	1.8 U
Chloromethane	--	--	--	--	38	UG/KG	5 U	5 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.62 U	0.62 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.5 U	2.5 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.5 U	2.5 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5 U	5 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.5 U	2.5 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5 U	5 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.2 U	6.2 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5 U	1.7 J
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 16-WC (0-1) 21-WC (7-8)							16-WC (0-1)	21-WC (7-8)
Sample Date: 06/18/2018 06/26/2018							06/18/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.62 U	0.62 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.5 U	2.5 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	25 U	25 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.5 U	2.5 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.33 J	0.55 J
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.62 U	0.62 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.9 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.2 U	6.2 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.62 U	0.62 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5 U	5 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 22-WC (0-1) 23-WC (1-2)							Sample Date: 06/20/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.65 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.61 U	0.65 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.61 U	0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.9 U	5.2 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.3 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.3 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.3 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.65 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.4 U	2.6 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.4 U	2.6 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.4 U	2.6 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.7 U	3.9 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.3 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.4 U	2.6 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.3 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.3 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.4 U	2.6 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.4 U	2.6 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.6 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.4 U	2.6 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	130 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.6 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.4 U	2.6 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	13 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
Acetone	50	100000	100000	500000	110000	UG/KG	6.6 J	19
Acrolein	--	--	--	--	--	UG/KG	31 U	32 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.9 U	5.2 U
Benzene	60	2900	4800	44000	130	UG/KG	0.61 U	0.65 U
Bromobenzene	--	--	--	--	--	UG/KG	2.4 U	2.6 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 22-WC (0-1) 23-WC (1-2)							Sample Date: 06/20/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.65 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.4 U	2.6 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.61 U	0.65 U
Bromoform	--	--	--	--	4400	UG/KG	4.9 U	5.2 U
Bromomethane	--	--	--	--	540	UG/KG	2.4 U	2.6 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	13 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.3 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.61 U	0.65 U
Chloroethane	--	--	--	--	19000	UG/KG	2.4 U	2.6 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	2 U
Chloromethane	--	--	--	--	38	UG/KG	4.9 U	5.2 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.3 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.65 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	13 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.3 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.4 U	2.6 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	13 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.4 U	2.6 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.3 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.9 U	5.2 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.3 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.4 U	2.6 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.9 U	5.2 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	13 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	13 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.9 U	5.2 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.1 U	6.5 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	1.8 J	2.6 J
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.3 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.3 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 22-WC (0-1) 23-WC (1-2)							22-WC (0-1)	23-WC (1-2)
Sample Date: 06/20/2018 06/20/2018							06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.65 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.3 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.4 U	2.6 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24 U	26 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.4 U	2.6 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.61 U	0.65 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.3 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.61 U	0.65 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	2 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.1 U	6.5 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.61 U	0.65 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.9 U	5.2 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	13 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.3 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 26-WC (0-1) 27-WC (10-11)							Sample Date: 06/18/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	29 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.58 U	29 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.58 U	29 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.6 U	230 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	59 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	59 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	59 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.58 U	29 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.3 U	120 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.3 U	120 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.3 U	19 J
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.3 U	120 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.3 U	81 J
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.5 U	180 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	59 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.3 U	120 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	59 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	59 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.3 U	45 J
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.3 U	120 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	120 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.3 U	120 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.3 U	120
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	5900 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	120 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.3 U	120 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	590 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.3 U	120 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.3 U	86 J
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	590 U
Acrolein	--	--	--	--	--	UG/KG	29 U	1500 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.6 U	230 U
Benzene	60	2900	4800	44000	130	UG/KG	0.58 U	29 U
Bromobenzene	--	--	--	--	--	UG/KG	2.3 U	120 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 26-WC (0-1) 27-WC (10-11)							Sample Date: 06/18/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	29 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.3 U	120 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.58 U	29 U
Bromoform	--	--	--	--	4400	UG/KG	4.6 U	230 U
Bromomethane	--	--	--	--	540	UG/KG	2.3 U	120 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	590 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	59 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.58 U	29 U
Chloroethane	--	--	--	--	19000	UG/KG	2.3 U	120 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.7 U	88 U
Chloromethane	--	--	--	--	38	UG/KG	4.6 U	230 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	59 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.58 U	29 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	590 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	16 J
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	59 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.3 U	120 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	590 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	59 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.3 U	120 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	24 J
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.6 U	230 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	12 J
m,p-Xylene	--	--	--	--	--	UG/KG	2.3 U	38 J
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.6 U	230 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	590 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	590 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.6 U	230 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.8 U	290 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.6 U	13000
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	59 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	59 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	59 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	59 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 26-WC (0-1) 27-WC (10-11)							Sample Date: 06/18/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.58 U	29 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	59 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.3 U	120 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	23 U	1200 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.3 U	120 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.58 U	29 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	59 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.58 U	29 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.7 U	88 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	59 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.8 U	290 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.58 U	29 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.6 U	230 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	590 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	59 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	38 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	30-WC (1-2)	33-WC (0-1)
						Sample Date:	06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.73 U	0.61 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.73 U	0.61 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.73 U	0.61 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5.8 U	4.9 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.4 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.4 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.4 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.73 U	0.61 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.9 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.9 U	2.4 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.9 U	2.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	4.4 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.4 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.9 U	2.4 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.4 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.4 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.9 U	2.4 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.9 U	2.4 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.9 U	2.4 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.9 U	2.4 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	140 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.9 U	2.4 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.9 U	2.4 U
2-Hexanone	--	--	--	--	--	UG/KG	14 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
Acetone	50	100000	100000	500000	110000	UG/KG	14 U	33
Acrolein	--	--	--	--	--	UG/KG	36 U	31 U
Acrylonitrile	--	--	--	--	37	UG/KG	5.8 U	4.9 U
Benzene	60	2900	4800	44000	130	UG/KG	0.73 U	0.34 J
Bromobenzene	--	--	--	--	--	UG/KG	2.9 U	2.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 30-WC (1-2) 33-WC (0-1)							Sample Date: 06/25/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.73 U	0.61 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.9 U	2.4 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.73 U	0.61 U
Bromoform	--	--	--	--	4400	UG/KG	5.8 U	4.9 U
Bromomethane	--	--	--	--	540	UG/KG	2.9 U	2.4 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	14 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.4 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.73 U	0.61 U
Chloroethane	--	--	--	--	19000	UG/KG	2.9 U	2.4 U
Chloroform	370	10000	49000	350000	2500	UG/KG	2.2 U	1.8 U
Chloromethane	--	--	--	--	38	UG/KG	5.8 U	4.9 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.4 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.73 U	0.61 U
Cyclohexane	--	--	--	--	--	UG/KG	14 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.4 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.4 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.9 U	2.4 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	14 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.4 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.9 U	2.4 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.4 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5.8 U	4.9 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.4 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.9 U	2.4 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5.8 U	4.9 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	14 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	14 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5.8 U	4.9 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	7.3 U	6.1 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5.8 U	4.9 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.4 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.4 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.4 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.4 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 30-WC (1-2) 33-WC (0-1)							Sample Date: 06/25/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.73 U	0.61 U
Styrene	--	--	--	--	24000	UG/KG	1.4 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.9 U	2.4 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	29 U	24 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.9 U	2.4 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.73 U	0.63
Toluene	700	100000	100000	500000	44000	UG/KG	1.4 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.73 U	0.61 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	2.2 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.4 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	7.3 U	6.1 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.73 U	0.61 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5.8 U	4.9 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	14 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.4 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.4 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 34-WC (5-6) 35-WC (5-6)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.69 U	0.73 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.69 U	0.73 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.69 U	0.73 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5.5 U	5.8 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.4 U	1.4 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.4 U	1.4 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.4 U	1.4 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.69 U	0.73 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.8 U	2.9 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.8 U	2.9 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.8 U	2.9 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	4.2 U	4.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.4 U	1.4 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.8 U	2.9 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.4 U	1.4 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.8 U	2.9 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.8 U	2.9 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.8 U	2.9 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.8 U	2.9 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	140 U	140 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.8 U	2.9 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.8 U	2.9 U
2-Hexanone	--	--	--	--	--	UG/KG	14 U	14 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
Acetone	50	100000	100000	500000	110000	UG/KG	14 U	40
Acrolein	--	--	--	--	--	UG/KG	35 U	36 U
Acrylonitrile	--	--	--	--	37	UG/KG	5.5 U	5.8 U
Benzene	60	2900	4800	44000	130	UG/KG	0.69 U	0.73 U
Bromobenzene	--	--	--	--	--	UG/KG	2.8 U	2.9 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 34-WC (5-6) 35-WC (5-6)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.69 U	0.73 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.8 U	2.9 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.69 U	0.73 U
Bromoform	--	--	--	--	4400	UG/KG	5.5 U	5.8 U
Bromomethane	--	--	--	--	540	UG/KG	2.8 U	2.9 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	14 U	14 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.4 U	1.4 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.69 U	0.73 U
Chloroethane	--	--	--	--	19000	UG/KG	2.8 U	2.9 U
Chloroform	370	10000	49000	350000	2500	UG/KG	2.1 U	2.2 U
Chloromethane	--	--	--	--	38	UG/KG	5.5 U	5.8 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.4 U	1.4 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.69 U	0.73 U
Cyclohexane	--	--	--	--	--	UG/KG	14 U	14 U
Cymene	--	--	--	--	--	UG/KG	14 U	14 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.4 U	1.4 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.8 U	2.9 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	14 U	14 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.8 U	2.9 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.4 U	1.4 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5.5 U	5.8 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.4 U	1.4 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.8 U	2.9 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5.5 U	5.8 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	14 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	14 U	14 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5.5 U	5.8 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.9 U	7.3 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5.5 U	5.8 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.4 U	1.4 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.4 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.4 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 34-WC (5-6)							35-WC (5-6)
Sample Date: 06/25/2018							06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.69 U
Styrene	--	--	--	--	24000	UG/KG	1.4 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.8 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	28 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.8 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.69 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.69 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	2.1 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.4 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.9 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.69 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5.5 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	14 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.4 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 36-WC (6-7) 37-WC (4-5)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.53 U	0.71 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.53 U	0.71 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.53 U	0.71 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.3 U	5.7 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U	1.4 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U	1.4 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U	1.4 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.53 U	0.71 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.1 U	2.8 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.1 U	2.8 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.1 U	2.8 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.2 U	4.3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U	1.4 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.1 U	2.8 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U	1.4 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.1 U	2.8 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.1 U	2.8 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.1 U	2.8 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.1 U	2.8 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U	140 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.1 U	2.8 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.1 U	2.8 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U	14 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
Acetone	50	100000	100000	500000	110000	UG/KG	11 U	14 U
Acrolein	--	--	--	--	--	UG/KG	27 U	36 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.3 U	5.7 U
Benzene	60	2900	4800	44000	130	UG/KG	0.53 U	0.71 U
Bromobenzene	--	--	--	--	--	UG/KG	2.1 U	2.8 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 36-WC (6-7) 37-WC (4-5)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.53 U	0.71 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.1 U	2.8 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.53 U	0.71 U
Bromoform	--	--	--	--	4400	UG/KG	4.3 U	5.7 U
Bromomethane	--	--	--	--	540	UG/KG	2.1 U	2.8 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U	14 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U	1.4 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.53 U	0.71 U
Chloroethane	--	--	--	--	19000	UG/KG	2.1 U	2.8 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.6 U	2.1 U
Chloromethane	--	--	--	--	38	UG/KG	4.3 U	5.7 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U	1.4 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.53 U	0.71 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U	14 U
Cymene	--	--	--	--	--	UG/KG	1.1 U	1.4 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U	1.4 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.1 U	2.8 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U	14 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.1 U	2.8 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U	1.4 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.3 U	5.7 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U	1.4 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.1 U	2.8 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.3 U	5.7 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U	14 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.3 U	5.7 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.3 U	7.1 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5.6	5.7 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U	1.4 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U	1.4 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 36-WC (6-7) 37-WC (4-5)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.53 U	0.71 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U	1.4 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.1 U	2.8 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	21 U	28 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.1 U	2.8 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.53 U	0.71 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.1 U	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.53 U	0.71 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.6 U	2.1 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U	1.4 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.3 U	7.1 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.53 U	0.71 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.3 U	5.7 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U	14 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U	1.4 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 38-WC (3-4) 40-WC (5-6)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.68 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.63 U	0.68 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.63 U	0.68 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5 U	5.5 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.4 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.4 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.4 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.63 U	0.68 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.5 U	2.7 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.5 U	2.7 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.5 U	0.83 J
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.5 U	2.7 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.5 U	3.1
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.8 U	4.1 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.4 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.5 U	2.7 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.4 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.5 U	1.5 J
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.5 U	2.7 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.7 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.5 U	2.7 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.5 U	2.7 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	140 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.7 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.5 U	2.7 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	14 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.5 U	2.7 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.5 U	1.6 J
Acetone	50	100000	100000	500000	110000	UG/KG	50	99
Acrolein	--	--	--	--	--	UG/KG	31 U	34 U
Acrylonitrile	--	--	--	--	37	UG/KG	5 U	5.5 U
Benzene	60	2900	4800	44000	130	UG/KG	0.63 U	0.68 U
Bromobenzene	--	--	--	--	--	UG/KG	2.5 U	2.7 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 38-WC (3-4) 40-WC (5-6)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.68 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.5 U	2.7 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.63 U	0.68 U
Bromoform	--	--	--	--	4400	UG/KG	5 U	5.5 U
Bromomethane	--	--	--	--	540	UG/KG	2.5 U	2.7 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	14 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.4 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.63 U	0.68 U
Chloroethane	--	--	--	--	19000	UG/KG	2.5 U	2.7 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.9 U	2 U
Chloromethane	--	--	--	--	38	UG/KG	5 U	5.5 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.4 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.63 U	0.68 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	14 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	0.2 J
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.4 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.5 U	2.7 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	14 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.5 U	2.7 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	0.31 J
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5 U	5.5 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.4 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.5 U	2.7 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5 U	5.5 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	8.8 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	1.9 J
Methylcyclohexane	--	--	--	--	--	UG/KG	5 U	5.5 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.3 U	6.8 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5 U	310
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.4 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	0.52 J
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 38-WC (3-4) 40-WC (5-6)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.68 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.4 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.5 U	2.7 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	25 U	27 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.5 U	2.7 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.63 U	0.49 J
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.63 U	0.68 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.9 U	2 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.4 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.3 U	6.8 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.63 U	0.68 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5 U	5.5 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	14 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.4 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	0.52 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 43-WC (0-1) 44-WC (3-4)							Sample Date: 06/20/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.6 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.63 U	0.6 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.63 U	0.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5 U	4.8 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.63 U	0.6 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.5 U	2.4 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.5 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.5 U	2.4 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.5 U	2.4 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	0.43 J	2.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.8 U	3.6 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.5 U	2.4 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	0.42 J	2.4 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.5 U	2.4 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.4 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.5 U	2.4 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	0.38 J	2.4 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.5 U	2.4 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.5 U	2.4 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.5 U	2.4 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.5 U	2.4 U
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	55
Acrolein	--	--	--	--	--	UG/KG	31 U	30 U
Acrylonitrile	--	--	--	--	37	UG/KG	5 U	4.8 U
Benzene	60	2900	4800	44000	130	UG/KG	0.63 U	0.6 U
Bromobenzene	--	--	--	--	--	UG/KG	2.5 U	2.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 43-WC (0-1) 44-WC (3-4)							Sample Date: 06/20/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.6 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.5 U	2.4 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.63 U	0.6 U
Bromoform	--	--	--	--	4400	UG/KG	5 U	4.8 U
Bromomethane	--	--	--	--	540	UG/KG	2.5 U	2.4 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.63 U	0.6 U
Chloroethane	--	--	--	--	19000	UG/KG	2.5 U	2.4 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.9 U	1.8 U
Chloromethane	--	--	--	--	38	UG/KG	5 U	4.8 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.63 U	0.6 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.5 U	2.4 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.5 U	2.4 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5 U	4.8 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.5 U	2.4 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5 U	4.8 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5 U	4.8 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.3 U	6 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5 U	4.8 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 43-WC (0-1) 44-WC (3-4)							Sample Date: 06/20/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.63 U	0.6 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.5 U	2.4 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	25 U	24 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.5 U	2.4 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.63 U	0.6 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.63 U	0.6 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.9 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.3 U	6 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.63 U	0.6 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5 U	4.8 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 45-WC (0-1) 46-WC (0-1)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.72 U	0.7 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.72 U	0.7 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.72 U	0.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5.8 U	5.6 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.4 U	1.4 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.4 U	1.4 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.4 U	1.4 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.72 U	0.7 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.9 U	2.8 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.9 U	2.8 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.9 U	2.8 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	4.3 U	4.2 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.4 U	1.4 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.9 U	2.8 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.4 U	1.4 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.9 U	2.8 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.9 U	2.8 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.9 U	2.8 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.9 U	2.8 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	140 U	140 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.9 U	2.8 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.9 U	2.8 U
2-Hexanone	--	--	--	--	--	UG/KG	14 U	14 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
Acetone	50	100000	100000	500000	110000	UG/KG	12 J	14 U
Acrolein	--	--	--	--	--	UG/KG	36 U	35 U
Acrylonitrile	--	--	--	--	37	UG/KG	5.8 U	5.6 U
Benzene	60	2900	4800	44000	130	UG/KG	0.72 U	0.7 U
Bromobenzene	--	--	--	--	--	UG/KG	2.9 U	2.8 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 45-WC (0-1) 46-WC (0-1)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.72 U	0.7 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.9 U	2.8 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.72 U	0.7 U
Bromoform	--	--	--	--	4400	UG/KG	5.8 U	5.6 U
Bromomethane	--	--	--	--	540	UG/KG	2.9 U	2.8 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	14 U	14 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.4 U	1.4 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.72 U	0.7 U
Chloroethane	--	--	--	--	19000	UG/KG	2.9 U	2.8 U
Chloroform	370	10000	49000	350000	2500	UG/KG	2.2 U	2.1 U
Chloromethane	--	--	--	--	38	UG/KG	5.8 U	5.6 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.4 U	1.4 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.72 U	0.7 U
Cyclohexane	--	--	--	--	--	UG/KG	14 U	14 U
Cymene	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.4 U	1.4 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.9 U	2.8 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	14 U	14 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.9 U	2.8 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.4 U	1.4 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5.8 U	5.6 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.4 U	1.4 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.9 U	2.8 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5.8 U	5.6 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	14 U	14 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	14 U	14 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5.8 U	5.6 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	7.2 U	7 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	5.8 U	5.6 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.4 U	1.4 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.4 U	1.4 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.4 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 45-WC (0-1) 46-WC (0-1)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.72 U	0.7 U
Styrene	--	--	--	--	24000	UG/KG	1.4 U	1.4 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.9 U	2.8 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	9.9 J	28 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.9 U	2.8 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.72 U	0.79
Toluene	700	100000	100000	500000	44000	UG/KG	1.4 U	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.72 U	0.7 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	2.2 U	2.1 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.4 U	1.4 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	7.2 U	7 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.72 U	0.7 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5.8 U	5.6 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	14 U	14 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.4 U	1.4 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.4 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 47-WC (4-5) 48-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.68 U	0.64 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.68 U	0.64 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.68 U	0.64 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	5.4 U	5.1 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.4 U	1.3 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.4 U	1.3 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.4 U	1.3 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.68 U	0.64 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.7 U	2.6 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.7 U	2.6 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.7 U	2.6 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	4 U	3.8 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.4 U	1.3 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.7 U	2.6 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.4 U	1.3 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.4 U	1.3 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.7 U	2.6 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.7 U	2.6 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.7 U	2.6 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.7 U	2.6 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	140 U	130 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.7 U	2.6 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.7 U	2.6 U
2-Hexanone	--	--	--	--	--	UG/KG	14 U	13 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
Acetone	50	100000	100000	500000	110000	UG/KG	14 U	9.9 J
Acrolein	--	--	--	--	--	UG/KG	34 U	32 U
Acrylonitrile	--	--	--	--	37	UG/KG	5.4 U	5.1 U
Benzene	60	2900	4800	44000	130	UG/KG	0.68 U	0.64 U
Bromobenzene	--	--	--	--	--	UG/KG	2.7 U	2.6 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 47-WC (4-5) 48-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.68 U	0.64 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.7 U	2.6 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.68 U	0.64 U
Bromoform	--	--	--	--	4400	UG/KG	5.4 U	5.1 U
Bromomethane	--	--	--	--	540	UG/KG	2.7 U	2.6 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	14 U	13 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.4 U	1.3 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.68 U	0.64 U
Chloroethane	--	--	--	--	19000	UG/KG	2.7 U	2.6 U
Chloroform	370	10000	49000	350000	2500	UG/KG	2 U	1.9 U
Chloromethane	--	--	--	--	38	UG/KG	5.4 U	5.1 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.4 U	1.3 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.68 U	0.64 U
Cyclohexane	--	--	--	--	--	UG/KG	14 U	13 U
Cymene	--	--	--	--	--	UG/KG	1.4 U	1.3 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.4 U	1.3 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.7 U	2.6 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	14 U	13 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.4 U	1.3 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.7 U	2.6 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.4 U	1.3 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	5.4 U	5.1 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.4 U	1.3 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.7 U	2.6 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	5.4 U	5.1 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	14 U	13 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	14 U	13 U
Methylcyclohexane	--	--	--	--	--	UG/KG	5.4 U	5.1 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.8 U	6.4 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	1.4 J	5.1 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.4 U	1.3 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.4 U	1.3 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.4 U	1.3 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.4 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 47-WC (4-5) 48-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.68 U	0.64 U
Styrene	--	--	--	--	24000	UG/KG	1.4 U	1.3 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.7 U	2.6 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	27 U	26 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.7 U	2.6 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	2.5	4.1
Toluene	700	100000	100000	500000	44000	UG/KG	1.4 U	1.3 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.68 U	0.64 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	2 U	1.9 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.4 U	1.3 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.8 U	6.4 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.68 U	0.64 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	5.4 U	5.1 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	14 U	13 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.4 U	1.3 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.4 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	49-WC (1-2)	51-WC (0-1)
						Sample Date:	06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.6 U	0.53 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.6 U	0.53 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.6 U	0.53 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.8 U	4.3 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.6 U	0.53 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.4 U	2.1 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.4 U	2.1 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.4 U	1.6 J
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.4 U	2.1 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.4 U	1.1 J
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.6 U	3.2 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.4 U	2.1 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.4 U	5.2
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.4 U	2.1 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.1 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.4 U	2.1 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.4 U	6.1
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	110 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.1 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.4 U	2.1 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	11 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.4 U	2.1 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.4 U	1.2 J
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	11 U
Acrolein	--	--	--	--	--	UG/KG	30 U	27 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.8 U	4.3 U
Benzene	60	2900	4800	44000	130	UG/KG	0.6 U	0.22 J
Bromobenzene	--	--	--	--	--	UG/KG	2.4 U	2.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 49-WC (1-2) 51-WC (0-1)							Sample Date: 06/25/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.6 U	0.53 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.4 U	2.1 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.6 U	0.53 U
Bromoform	--	--	--	--	4400	UG/KG	4.8 U	4.3 U
Bromomethane	--	--	--	--	540	UG/KG	2.4 U	2.1 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	11 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.6 U	0.53 U
Chloroethane	--	--	--	--	19000	UG/KG	2.4 U	2.1 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	1.6 U
Chloromethane	--	--	--	--	38	UG/KG	4.8 U	4.3 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.6 U	0.53 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	1.4 J
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.4 U	2.1 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	11 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.4 U	2.1 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	0.54 J
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.8 U	4.3 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.1 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.4 U	0.82 J
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.8 U	4.3 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	11 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.8 U	3.4 J
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6 U	5.3 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	0.84 J	1.7 J
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	0.46 J
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 49-WC (1-2) 51-WC (0-1)							Sample Date: 06/25/2018 06/20/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.6 U	0.53 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.1 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.4 U	2.1 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24 U	21 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.4 U	2.1 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.6 U	0.53 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.6 U	0.53 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	1.6 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6 U	5.3 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.6 U	0.53 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.8 U	4.3 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	0.82 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 52-WC (0-1) 54-WC (8-9)							Sample Date: 06/20/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.52 U	0.8 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.52 U	0.8 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.52 U	0.8 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.1 U	6.4 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1 U	1.6 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1 U	1.6 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1 U	1.6 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.52 U	0.8 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.1 U	3.2 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.1 U	3.2 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	1.1 J	3.2 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.1 U	3.2 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.1 U	3.2 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.1 U	4.8 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1 U	1.6 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.1 U	3.2 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1 U	1.6 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1 U	1.6 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	3.4	3.2 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.1 U	3.2 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.1 U	3.2 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.1 U	3.2 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	6.6	3.2 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	100 U	160 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.1 U	3.2 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.1 U	3.2 U
2-Hexanone	--	--	--	--	--	UG/KG	10 U	16 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.1 U	3.2 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	0.6 J	3.2 U
Acetone	50	100000	100000	500000	110000	UG/KG	10 U	16
Acrolein	--	--	--	--	--	UG/KG	26 U	40 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.1 U	6.4 U
Benzene	60	2900	4800	44000	130	UG/KG	0.52 U	0.8 U
Bromobenzene	--	--	--	--	--	UG/KG	2.1 U	3.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 52-WC (0-1) 54-WC (8-9)							Sample Date: 06/20/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.52 U	0.8 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.1 U	3.2 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.52 U	0.8 U
Bromoform	--	--	--	--	4400	UG/KG	4.1 U	6.4 U
Bromomethane	--	--	--	--	540	UG/KG	2.1 U	3.2 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	10 U	16 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1 U	1.6 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.52 U	0.8 U
Chloroethane	--	--	--	--	19000	UG/KG	2.1 U	3.2 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.6 U	2.4 U
Chloromethane	--	--	--	--	38	UG/KG	4.1 U	6.4 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1 U	0.98 J
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.52 U	0.8 U
Cyclohexane	--	--	--	--	--	UG/KG	10 U	16 U
Cymene	--	--	--	--	--	UG/KG	0.25 J	1.6 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1 U	1.6 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.1 U	3.2 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	10 U	16 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1 U	0.98 J
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.1 U	3.2 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	0.18 J	1.6 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.1 U	6.4 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1 U	1.6 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.1 U	3.2 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.1 U	6.4 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	10 U	16 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	10 U	16 U
Methylcyclohexane	--	--	--	--	--	UG/KG	0.84 J	6.4 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.2 U	8 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.1 U	6.4 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	0.31 J	1.6 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	0.19 J	1.6 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.4	1.6 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	0.18 J	1.6 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 52-WC (0-1) 54-WC (8-9)							Sample Date: 06/20/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.52 U	0.8 U
Styrene	--	--	--	--	24000	UG/KG	1 U	1.6 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.1 U	3.2 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	21 U	32 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.1 U	3.2 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	3.7	2.4
Toluene	700	100000	100000	500000	44000	UG/KG	0.76 J	1.6 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.52 U	0.8 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.6 U	2.4 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1 U	1.6 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.2 U	8 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.52 U	0.8 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.1 U	6.4 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	10 U	16 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1 U	1.6 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.4	1.6 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 55-WC (1-2) 56-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.67 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.61 U	0.67 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.61 U	0.67 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.9 U	5.3 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.3 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.3 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.3 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.67 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.4 U	2.7 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.4 U	2.7 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.4 U	2.7 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.7 U	4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.3 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.4 U	2.7 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.3 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.3 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.4 U	2.7 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.4 U	2.7 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.7 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.4 U	2.7 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	130 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.7 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.4 U	2.7 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	13 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
Acetone	50	100000	100000	500000	110000	UG/KG	12 U	39
Acrolein	--	--	--	--	--	UG/KG	31 U	33 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.9 U	5.3 U
Benzene	60	2900	4800	44000	130	UG/KG	0.61 U	0.67 U
Bromobenzene	--	--	--	--	--	UG/KG	2.4 U	2.7 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 55-WC (1-2) 56-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.67 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.4 U	2.7 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.61 U	0.67 U
Bromoform	--	--	--	--	4400	UG/KG	4.9 U	5.3 U
Bromomethane	--	--	--	--	540	UG/KG	2.4 U	2.7 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	13 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.3 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.61 U	0.67 U
Chloroethane	--	--	--	--	19000	UG/KG	2.4 U	2.7 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	2 U
Chloromethane	--	--	--	--	38	UG/KG	4.9 U	5.3 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.2 U	1.3 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.61 U	0.67 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	13 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.3 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.4 U	2.7 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	13 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.4 U	2.7 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.2 U	1.3 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.9 U	5.3 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.3 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.4 U	2.7 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.9 U	5.3 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	13 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	13 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.9 U	5.3 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6.1 U	6.7 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.9 U	5.3 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.3 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.3 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 55-WC (1-2) 56-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.61 U	0.67 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.3 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.4 U	2.7 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24 U	27 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.4 U	2.7 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.61 U	1.5
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.3 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.61 U	0.67 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	2 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.3 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6.1 U	6.7 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.61 U	0.67 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.9 U	5.3 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	13 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.2 U	1.3 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.2 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 57-WC (1-2) 58-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.59 U	0.54 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.59 U	0.54 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.59 U	0.54 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.7 U	4.3 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.2 U	1.1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.2 U	1.1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.2 U	1.1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.59 U	0.54 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.4 U	2.2 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.4 U	2.2 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	0.27 J	2.2 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.4 U	2.2 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	0.73 J	2.2 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.5 U	3.2 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.2 U	1.1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.4 U	2.2 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.2 U	1.1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.2 U	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.4 U	2.2 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.4 U	2.2 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.2 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.4 U	2.2 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.4 U	2.2 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120 U	110 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.4 U	2.2 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.4 U	2.2 U
2-Hexanone	--	--	--	--	--	UG/KG	12 U	11 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.4 U	2.2 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.4 U	2.2 U
Acetone	50	100000	100000	500000	110000	UG/KG	17	12
Acrolein	--	--	--	--	--	UG/KG	30 U	27 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.7 U	4.3 U
Benzene	60	2900	4800	44000	130	UG/KG	0.36 J	0.54 U
Bromobenzene	--	--	--	--	--	UG/KG	2.4 U	2.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 57-WC (1-2) 58-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.59 U	0.54 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.4 U	2.2 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.59 U	0.54 U
Bromoform	--	--	--	--	4400	UG/KG	4.7 U	4.3 U
Bromomethane	--	--	--	--	540	UG/KG	2.4 U	2.2 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12 U	11 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.2 U	1.1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.59 U	0.54 U
Chloroethane	--	--	--	--	19000	UG/KG	2.4 U	2.2 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.8 U	1.6 U
Chloromethane	--	--	--	--	38	UG/KG	4.7 U	4.3 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.9	1.1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.59 U	0.54 U
Cyclohexane	--	--	--	--	--	UG/KG	12 U	11 U
Cymene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.2 U	1.1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.4 U	2.2 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12 U	11 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.9	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.4 U	2.2 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	0.24 J	1.1 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.7 U	4.3 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.2 U	1.1 U
m,p-Xylene	--	--	--	--	--	UG/KG	0.69 J	2.2 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.7 U	4.3 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12 U	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	12 U	11 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.7 U	4.3 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.9 U	5.4 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	1.6 J	9.1
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.2 U	1.1 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.2 U	1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.2 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 57-WC (1-2) 58-WC (1-2)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.59 U	0.54 U
Styrene	--	--	--	--	24000	UG/KG	1.2 U	1.1 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.4 U	2.2 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24 U	22 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.4 U	2.2 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	2.7	4.8
Toluene	700	100000	100000	500000	44000	UG/KG	1.2 U	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.59 U	0.54 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.8 U	1.6 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.2 U	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.9 U	5.4 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.59 U	0.54 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.7 U	4.3 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12 U	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	0.57 J	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	0.69 J	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 59-WC (0-1) 61-WC (0-1)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.6 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.56 U	0.6 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.56 U	0.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.5 U	4.8 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.56 U	0.6 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.2 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.2 U	2.4 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.2 U	2.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.4 U	3.6 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.2 U	2.4 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.2 U	2.4 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.2 U	2.4 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2.4 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.2 U	2.4 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2.4 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.2 U	2.4 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
Acetone	50	100000	100000	500000	110000	UG/KG	11 U	57
Acrolein	--	--	--	--	--	UG/KG	28 U	30 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.5 U	4.8 U
Benzene	60	2900	4800	44000	130	UG/KG	0.56 U	0.6 U
Bromobenzene	--	--	--	--	--	UG/KG	2.2 U	2.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 59-WC (0-1) 61-WC (0-1)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.6 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.2 U	2.4 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.56 U	0.6 U
Bromoform	--	--	--	--	4400	UG/KG	4.5 U	4.8 U
Bromomethane	--	--	--	--	540	UG/KG	2.2 U	2.4 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.56 U	0.6 U
Chloroethane	--	--	--	--	19000	UG/KG	2.2 U	2.4 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.7 U	0.19 J
Chloromethane	--	--	--	--	38	UG/KG	4.5 U	4.8 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.56 U	0.6 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.2 U	2.4 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.2 U	2.4 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.5 U	4.8 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.2 U	2.4 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.5 U	4.8 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U	6.3 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.5 U	4.8 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.6 U	6 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.5 U	17
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 59-WC (0-1) 61-WC (0-1)							Sample Date: 06/25/2018 06/26/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.6 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.2 U	2.4 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	22 U	24 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.2 U	2.4 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.56 U	0.33 J
Toluene	700	100000	100000	500000	44000	UG/KG	1.1 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.56 U	0.6 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.7 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.6 U	6 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.56 U	0.6 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.5 U	4.8 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66-WC (0-2) X34-WC (14-15)							Sample Date: 07/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.58 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.56 U	0.58 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.56 U	0.58 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.4 U	4.6 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.56 U	0.58 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.2 U	2.3 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.2 U	2.3 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.2 U	2.3 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.3 U	3.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.2 U	2.3 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.2 U	2.3 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.2 U	2.3 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2.3 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.2 U	2.3 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2.3 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.2 U	2.3 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
Acetone	50	100000	100000	500000	110000	UG/KG	11 U	26
Acrolein	--	--	--	--	--	UG/KG	28 U	29 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.4 U	4.6 U
Benzene	60	2900	4800	44000	130	UG/KG	0.56 U	0.24 J
Bromobenzene	--	--	--	--	--	UG/KG	2.2 U	2.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-66-WC (0-2)	X34-WC (14-15)
Sample Date:							07/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.58 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.2 U	2.3 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.56 U	0.58 U
Bromoform	--	--	--	--	4400	UG/KG	4.4 U	4.6 U
Bromomethane	--	--	--	--	540	UG/KG	2.2 U	2.3 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.56 U	0.58 U
Chloroethane	--	--	--	--	19000	UG/KG	2.2 U	2.7
Chloroform	370	10000	49000	350000	2500	UG/KG	1.7 U	1.7 U
Chloromethane	--	--	--	--	38	UG/KG	4.4 U	4.6 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.56 U	0.58 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.2 U	2.3 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.2 U	2.3 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.4 U	4.6 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.2 U	2.3 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.4 U	4.6 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.4 U	4.6 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.6 U	5.8 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	3.6 J	4.6 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-66-WC (0-2)	X34-WC (14-15)
Sample Date:							07/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.56 U	0.58 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.2 U	2.3 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	22 U	23 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.2 U	8.5
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.56 U	0.58 U
Toluene	700	100000	100000	500000	44000	UG/KG	0.61 J	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.56 U	0.58 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.7 U	1.7 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.6 U	5.8 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.56 U	0.58 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.4 U	4.6 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U	8.5
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X35-WC (11-12) X36-WC (13-14)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	120 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	28 U	120 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	28 U	120 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	230 U	1000 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	57 U	250 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	57 U	250 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	57 U	250 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	28 U	120 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	110 U	500 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	110 U	400 J
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	1600	4700
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	110 U	500 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	6300	24000
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	170 U	750 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	57 U	250 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	110 U	500 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	57 U	250 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	57 U	250 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2000	7100
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	110 U	500 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	110 U	500 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	110 U	500 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	3800	11000
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	5700 U	25000 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	110 U	500 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	110 U	500 U
2-Hexanone	--	--	--	--	--	UG/KG	570 U	2500 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	110 U	500 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	3400	16000
Acetone	50	100000	100000	500000	110000	UG/KG	570 U	2500 U
Acrolein	--	--	--	--	--	UG/KG	1400 U	6200 U
Acrylonitrile	--	--	--	--	37	UG/KG	230 U	1000 U
Benzene	60	2900	4800	44000	130	UG/KG	28 U	320
Bromobenzene	--	--	--	--	--	UG/KG	110 U	500 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X35-WC (11-12) X36-WC (13-14)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	120 U
Bromochloromethane	--	--	--	--	1600	UG/KG	110 U	500 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	28 U	120 U
Bromoform	--	--	--	--	4400	UG/KG	230 U	1000 U
Bromomethane	--	--	--	--	540	UG/KG	110 U	500 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	570 U	2500 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	57 U	250 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	28 U	120 U
Chloroethane	--	--	--	--	19000	UG/KG	110 U	500 U
Chloroform	370	10000	49000	350000	2500	UG/KG	85 U	370 U
Chloromethane	--	--	--	--	38	UG/KG	230 U	1000 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	57 U	7400
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	28 U	120 U
Cyclohexane	--	--	--	--	--	UG/KG	150 J	1200 J
Cymene	--	--	--	--	--	UG/KG	100	260
Dibromochloromethane	--	--	--	--	3200	UG/KG	57 U	250 U
Dibromomethane	--	--	--	--	7700	UG/KG	110 U	500 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	570 U	2500 U
Dichloroethylenes	--	--	--	--	--	UG/KG	57 U	7400
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	110 U	500 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	540	5800
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	230 U	1000 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	150	1000
m,p-Xylene	--	--	--	--	--	UG/KG	1600	22000
Methyl Acetate	--	--	--	--	1900000	UG/KG	230 U	1000 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	570 U	2500 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	570 U	2500 U
Methylcyclohexane	--	--	--	--	--	UG/KG	240	1700
Methylene Chloride	50	51000	100000	500000	76	UG/KG	280 U	1200 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	2100	10000
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	380	1300
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	620	3200
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	43 J	9400
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	130	250 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X35-WC (11-12) X36-WC (13-14)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	120 U
Styrene	--	--	--	--	24000	UG/KG	57 U	100 J
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	110 U	500 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	1100 U	5000 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	110 U	97 J
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	28 U	120 U
Toluene	700	100000	100000	500000	44000	UG/KG	60	17000
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	28 U	120 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	85 U	370 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	57 U	250 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	280 U	1200 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	28 U	120 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	230 U	1000 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	570 U	2500 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	57 U	250 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1600 J	31000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X44-WC (12-13) X45-WC (13-14)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	70 U	530 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	70 U	530 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	70 U	530 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	560 U	4200 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	140 U	1000 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	140 U	1000 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	140 U	1000 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	70 U	530 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	280 U	2100 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	280 U	2100 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2600	2300
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	280 U	2100 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	17000	14000
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	420 U	3200 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	140 U	1000 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	260 J	2100 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	140 U	1000 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	140 U	1000 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	4600	3800
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	280 U	2100 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	280 U	2100 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	110 J	2100 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	6500	5400
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	14000 U	100000 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	280 U	2100 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	280 U	2100 U
2-Hexanone	--	--	--	--	--	UG/KG	1400 U	10000 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	280 U	2100 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	11000	9500
Acetone	50	100000	100000	500000	110000	UG/KG	1400 U	10000 U
Acrolein	--	--	--	--	--	UG/KG	3500 U	26000 U
Acrylonitrile	--	--	--	--	37	UG/KG	560 U	4200 U
Benzene	60	2900	4800	44000	130	UG/KG	320	210 J
Bromobenzene	--	--	--	--	--	UG/KG	280 U	2100 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X44-WC (12-13) X45-WC (13-14)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	70 U	530 U
Bromochloromethane	--	--	--	--	1600	UG/KG	280 U	2100 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	70 U	530 U
Bromoform	--	--	--	--	4400	UG/KG	560 U	4200 U
Bromomethane	--	--	--	--	540	UG/KG	280 U	2100 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	1400 U	10000 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	140 U	1000 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	70 U	530 U
Chloroethane	--	--	--	--	19000	UG/KG	280 U	2100 U
Chloroform	370	10000	49000	350000	2500	UG/KG	210 U	1600 U
Chloromethane	--	--	--	--	38	UG/KG	560 U	4200 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	4000	2100
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	70 U	530 U
Cyclohexane	--	--	--	--	--	UG/KG	600 J	680 J
Cymene	--	--	--	--	--	UG/KG	170	1000 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	140 U	1000 U
Dibromomethane	--	--	--	--	7700	UG/KG	280 U	2100 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	1400 U	10000 U
Dichloroethylenes	--	--	--	--	--	UG/KG	4000	2100
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	280 U	2100 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	6400	7500
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	560 U	4200 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	560	480 J
m,p-Xylene	--	--	--	--	--	UG/KG	23000	28000
Methyl Acetate	--	--	--	--	1900000	UG/KG	560 U	4200 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	1400 U	10000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	1400 U	10000 U
Methylcyclohexane	--	--	--	--	--	UG/KG	930	1100 J
Methylene Chloride	50	51000	100000	500000	76	UG/KG	700 U	5300 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	6400	6400
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	940	780 J
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	2200	1800
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	7900	8800
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	330	250 J

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X44-WC (12-13) X45-WC (13-14)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	70 U	530 U
Styrene	--	--	--	--	24000	UG/KG	110 J	1000 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	280 U	2100 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	2800 U	21000 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	280 U	2100 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	70 U	530 U
Toluene	700	100000	100000	500000	44000	UG/KG	2000	210000
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	70 U	530 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	210 U	1600 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	140 U	1000 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	700 U	5300 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	70 U	530 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	560 U	4200 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	1400 U	10000 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	140 U	680 J
Xylenes	260	100000	100000	500000	990000	UG/KG	31000	37000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X46-WC (11-12) X47-WC (12-13)							Sample Date: 06/22/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	140 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	28 U	140 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	28 U	140 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	230 U	1200 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	56 U	290 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	56 U	290 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	38 J	290 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	28 U	140 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	110 U	580 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	110 U	580 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	3000	12000
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	110 U	580 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	16000	58000
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	170 U	860 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	56 U	290 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	110 U	580 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	56 U	290 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	56 U	290 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	4200	16000
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	110 U	580 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	110 U	580 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	110 U	580 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	6500	25000
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	5600 U	29000 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	110 U	580 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	110 U	580 U
2-Hexanone	--	--	--	--	--	UG/KG	560 U	2900 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	110 U	580 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	10000	35000
Acetone	50	100000	100000	500000	110000	UG/KG	560 U	2900 U
Acrolein	--	--	--	--	--	UG/KG	1400 U	7200 U
Acrylonitrile	--	--	--	--	37	UG/KG	230 U	1200 U
Benzene	60	2900	4800	44000	130	UG/KG	280	400
Bromobenzene	--	--	--	--	--	UG/KG	110 U	580 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X46-WC (11-12) X47-WC (12-13)							Sample Date: 06/22/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	140 U
Bromochloromethane	--	--	--	--	1600	UG/KG	110 U	580 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	28 U	140 U
Bromoform	--	--	--	--	4400	UG/KG	230 U	1200 U
Bromomethane	--	--	--	--	540	UG/KG	110 U	580 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	560 U	2900 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	56 U	290 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	28 U	140 U
Chloroethane	--	--	--	--	19000	UG/KG	110 U	580 U
Chloroform	370	10000	49000	350000	2500	UG/KG	85 U	430 U
Chloromethane	--	--	--	--	38	UG/KG	230 U	1200 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	12000	7900
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	28 U	140 U
Cyclohexane	--	--	--	--	--	UG/KG	590	1700 J
Cymene	--	--	--	--	--	UG/KG	150	590
Dibromochloromethane	--	--	--	--	3200	UG/KG	56 U	290 U
Dibromomethane	--	--	--	--	7700	UG/KG	110 U	580 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	560 U	2900 U
Dichloroethylenes	--	--	--	--	--	UG/KG	12000 J	7900
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	110 U	580 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	3400	9400
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	230 U	1200 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	480	1600
m,p-Xylene	--	--	--	--	--	UG/KG	13000	36000
Methyl Acetate	--	--	--	--	1900000	UG/KG	230 U	1200 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	560 U	2900 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	1000	2400 J
Methylcyclohexane	--	--	--	--	--	UG/KG	760	3000
Methylene Chloride	50	51000	100000	500000	76	UG/KG	280 U	1400 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	7600	18000
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	860	2800
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	2000	6500
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	5700	17000
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	56 U	840

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X46-WC (11-12) X47-WC (12-13)							Sample Date: 06/22/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	28 U	140 U
Styrene	--	--	--	--	24000	UG/KG	80	170 J
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	110 U	580 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	1100 U	5800 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	620	180 J
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	84	260
Toluene	700	100000	100000	500000	44000	UG/KG	10000	19000
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	28 U	140 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	18 J	430 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	56 U	290 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	280 U	1400 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	28 U	140 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	230 U	1200 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	560 U	2900 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	50 J	290 U
Xylenes	260	100000	100000	500000	990000	UG/KG	19000	53000

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (12-13)							X55-WC (12-13)
Sample Date: 06/21/2018							06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.48 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.48 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.48 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	3.9 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	0.97 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	0.37 J
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	2.3
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.48 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	1.9 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	1.9 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	86
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	1.9 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	5000
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	2.9 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	0.97 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	9.1
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	0.97 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	0.97 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	190
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	1.3 J
1,3-Dichloropropane	--	--	--	--	--	UG/KG	1.9 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	4.8
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	230
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	97 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	1.9 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	1.9 U
2-Hexanone	--	--	--	--	--	UG/KG	9.7 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	1.9 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2500
Acetone	50	100000	100000	500000	110000	UG/KG	16
Acrolein	--	--	--	--	--	UG/KG	24 U
Acrylonitrile	--	--	--	--	37	UG/KG	3.9 U
Benzene	60	2900	4800	44000	130	UG/KG	27
Bromobenzene	--	--	--	--	--	UG/KG	1.9 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (12-13)							X55-WC (12-13)
Sample Date: 06/21/2018							06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.48 U
Bromochloromethane	--	--	--	--	1600	UG/KG	1.9 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.48 U
Bromoform	--	--	--	--	4400	UG/KG	3.9 U
Bromomethane	--	--	--	--	540	UG/KG	1.9 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	9.7 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	0.97 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.48 U
Chloroethane	--	--	--	--	19000	UG/KG	1.9 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.4 U
Chloromethane	--	--	--	--	38	UG/KG	3.9 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1000
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.48 U
Cyclohexane	--	--	--	--	--	UG/KG	44
Cymene	--	--	--	--	--	UG/KG	6.8
Dibromochloromethane	--	--	--	--	3200	UG/KG	0.97 U
Dibromomethane	--	--	--	--	7700	UG/KG	1.9 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	9.7 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1000
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	1.9 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	2400
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	3.9 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	28
m,p-Xylene	--	--	--	--	--	UG/KG	5900
Methyl Acetate	--	--	--	--	1900000	UG/KG	3.9 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	9.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	9.7 U
Methylcyclohexane	--	--	--	--	--	UG/KG	76
Methylene Chloride	50	51000	100000	500000	76	UG/KG	4.8 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	200
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	28
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	92
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	410
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	11

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (12-13)							X55-WC (12-13)
Sample Date: 06/21/2018							06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.48 U
Styrene	--	--	--	--	24000	UG/KG	7.5
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	1.9 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	19 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	1.9 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.48 U
Toluene	700	100000	100000	500000	44000	UG/KG	120
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.48 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.4 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.97 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	4.8 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.48 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	3.9 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	9.7 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	0.54 J
Xylenes	260	100000	100000	500000	990000	UG/KG	6300

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (12-13) X57-WC (15-16)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	600 U	29 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	600 U	29 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	600 U	29 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4800 U	230 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1200 U	57 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1200 U	57 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1200 U	57 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	600 U	29 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2400 U	110 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2400 U	110 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	5200	1500
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2400 U	110 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	32000	8000
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3600 U	170 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1200 U	57 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2400 U	110 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1200 U	57 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1200 U	57 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	8600	2300
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2400 U	110 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2400 U	110 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2400 U	110 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	12000	3400
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	120000 U	5700 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2400 U	110 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2400 U	110 U
2-Hexanone	--	--	--	--	--	UG/KG	12000 U	570 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2400 U	110 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	22000	5000
Acetone	50	100000	100000	500000	110000	UG/KG	12000 U	570 U
Acrolein	--	--	--	--	--	UG/KG	30000 U	1400 U
Acrylonitrile	--	--	--	--	37	UG/KG	4800 U	230 U
Benzene	60	2900	4800	44000	130	UG/KG	910	73
Bromobenzene	--	--	--	--	--	UG/KG	2400 U	110 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (12-13) X57-WC (15-16)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	600 U	29 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2400 U	110 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	600 U	29 U
Bromoform	--	--	--	--	4400	UG/KG	4800 U	230 U
Bromomethane	--	--	--	--	540	UG/KG	2400 U	110 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	12000 U	570 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1200 U	57 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	600 U	29 U
Chloroethane	--	--	--	--	19000	UG/KG	2400 U	110 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1800 U	86 U
Chloromethane	--	--	--	--	38	UG/KG	4800 U	230 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	30000	3700
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	600 U	29 U
Cyclohexane	--	--	--	--	--	UG/KG	2000 J	190 J
Cymene	--	--	--	--	--	UG/KG	310 J	68
Dibromochloromethane	--	--	--	--	3200	UG/KG	1200 U	57 U
Dibromomethane	--	--	--	--	7700	UG/KG	2400 U	110 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	12000 U	570 U
Dichloroethylenes	--	--	--	--	--	UG/KG	30000	3700
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2400 U	110 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	12000	1500
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4800 U	230 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1100 J	240
m,p-Xylene	--	--	--	--	--	UG/KG	42000	5600
Methyl Acetate	--	--	--	--	1900000	UG/KG	4800 U	230 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	12000 U	570 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	2100 J	570 U
Methylcyclohexane	--	--	--	--	--	UG/KG	3100 J	380
Methylene Chloride	50	51000	100000	500000	76	UG/KG	6000 U	290 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	16000	2800
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1600	370
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	4400	960
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	15000	2700
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1200 U	130

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (12-13) X57-WC (15-16)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	600 U	29 U
Styrene	--	--	--	--	24000	UG/KG	1200 U	25 J
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2400 U	110 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	24000 U	1100 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	3000	81 J
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	600 U	110
Toluene	700	100000	100000	500000	44000	UG/KG	130000	5100
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	600 U	29 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1800 U	86 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1200 U	57 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	6000 U	290 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	600 U	29 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4800 U	230 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	12000 U	570 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	6700	57 U
Xylenes	260	100000	100000	500000	990000	UG/KG	57000	8300

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X58-WC (10-11) DL-62-WC (1-2)							Sample Date: 06/21/2018 08/31/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U	0.51 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.55 U	0.51 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.55 U	0.51 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.4 U	4.1 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U	1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U	1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U	1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.55 U	0.51 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.2 U	2 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.2 U	2 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	0.24 J	2 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.2 U	2 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.2 U	2 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.3 U	3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U	1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.2 U	2 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U	1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.2 U	2 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.2 U	2 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.2 U	2 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.2 U	2 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U	100 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U	2 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.2 U	2 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U	10 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.2 U	2 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.2 U	2 U
Acetone	50	100000	100000	500000	110000	UG/KG	14	10 U
Acrolein	--	--	--	--	--	UG/KG	27 U	25 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.4 U	4.1 U
Benzene	60	2900	4800	44000	130	UG/KG	0.55 U	0.51 U
Bromobenzene	--	--	--	--	--	UG/KG	2.2 U	2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	X58-WC (10-11)	DL-62-WC (1-2)
						Sample Date:	06/21/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U	0.51 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.2 U	2 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.55 U	0.51 U
Bromoform	--	--	--	--	4400	UG/KG	4.4 U	4.1 U
Bromomethane	--	--	--	--	540	UG/KG	2.2 U	2 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U	10 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U	1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.55 U	0.51 U
Chloroethane	--	--	--	--	19000	UG/KG	2.2 U	2 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.6 U	1.5 U
Chloromethane	--	--	--	--	38	UG/KG	4.4 U	4.1 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U	1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.55 U	0.51 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U	10 U
Cymene	--	--	--	--	--	UG/KG	1.1 U	1 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U	1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.2 U	2 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U	10 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U	1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.2 U	2 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U	1 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.4 U	4.1 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U	1 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.2 U	2 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.4 U	4.1 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U	10 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.4 U	4.1 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.5 U	2.4 J
Naphthalene	12000	100000	100000	500000	25000	UG/KG	8.9	4.1 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U	1 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U	1 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U	1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X58-WC (10-11)							DL-62-WC (1-2)
Sample Date: 06/21/2018							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.2 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	22 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.2 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	5.7
Toluene	700	100000	100000	500000	44000	UG/KG	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.55 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.6 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.5 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.55 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.4 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-63-WC (1-2)							DL-63-WC (1-2)	DL-64/65-WC (1-2)
Sample Date: 08/31/2018							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.57 U	0.61 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.57 U	0.61 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.57 U	0.61 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.6 U	4.9 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U	1.2 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U	1.2 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.57 U	0.61 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.3 U	2.4 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.3 U	2.4 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.3 U	2.4 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.4 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U	1.2 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.3 U	2.4 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U	1.2 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U	1.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.3 U	2.4 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.3 U	2.4 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	2.4 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.3 U	2.4 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U	120 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.3 U	2.4 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.3 U	2.4 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U	12 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
Acetone	50	100000	100000	500000	110000	UG/KG	38	36
Acrolein	--	--	--	--	--	UG/KG	28 U	31 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.6 U	4.9 U
Benzene	60	2900	4800	44000	130	UG/KG	0.57 U	0.61 U
Bromobenzene	--	--	--	--	--	UG/KG	2.3 U	2.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-63-WC (1-2)	DL-64/65-WC (1-2)
						Sample Date:	08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.57 U	0.61 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.3 U	2.4 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.57 U	0.61 U
Bromoform	--	--	--	--	4400	UG/KG	4.6 U	4.9 U
Bromomethane	--	--	--	--	540	UG/KG	2.3 U	2.4 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U	12 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U	1.2 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.57 U	0.61 U
Chloroethane	--	--	--	--	19000	UG/KG	2.3 U	2.4 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.7 U	1.8 U
Chloromethane	--	--	--	--	38	UG/KG	4.6 U	4.9 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U	1.2 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.57 U	0.61 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U	12 U
Cymene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U	1.2 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.3 U	2.4 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U	12 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.3 U	2.4 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U	1.2 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.6 U	4.9 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U	1.2 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.3 U	2.4 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.6 U	4.9 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U	12 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.6 U	4.9 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.7 U	3.7 J
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.6 U	4.9 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U	1.2 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U	1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-63-WC (1-2)	DL-64/65-WC (1-2)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.57 U	0.61 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U	1.2 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.3 U	2.4 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	5.8 J	7.6 J
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.3 U	2.4 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.78	0.35 J
Toluene	700	100000	100000	500000	44000	UG/KG	1.1 U	1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.57 U	0.61 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.7 U	1.8 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.7 U	6.1 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.57 U	0.61 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.6 U	4.9 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U	12 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U	1.2 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-66/67-WC (1-2)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U
1,1,1-Trichloroethane (TCA)	680	100000	100000	500000	7200	UG/KG	0.55 U
1,1,2,2-Tetrachloroethane	--	--	--	--	9.3	UG/KG	0.55 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	53000000	UG/KG	4.4 U
1,1,2-Trichloroethane	--	--	--	--	150	UG/KG	1.1 U
1,1-Dichloroethane	270	19000	26000	240000	2700	UG/KG	1.1 U
1,1-Dichloroethene	330	100000	100000	500000	190	UG/KG	1.1 U
1,1-Dichloropropene	--	--	--	--	--	UG/KG	0.55 U
1,2,3-Trichlorobenzene	--	--	--	--	--	UG/KG	2.2 U
1,2,3-Trichloropropane	--	--	--	--	820	UG/KG	2.2 U
1,2,4,5-Tetramethylbenzene	--	--	--	--	--	UG/KG	2.2 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	2.2 U
1,2,4-Trimethylbenzene	3600	47000	52000	190000	20000	UG/KG	2.2 U
1,2-Dibromo-3-Chloropropane	--	--	--	--	9.2	UG/KG	3.3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	1.2	UG/KG	1.1 U
1,2-Dichlorobenzene	1100	100000	100000	500000	59000	UG/KG	2.2 U
1,2-Dichloroethane	20	2300	3100	30000	100	UG/KG	1.1 U
1,2-Dichloropropane	--	--	--	--	110	UG/KG	1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	47000	52000	190000	6200	UG/KG	2.2 U
1,3-Dichlorobenzene	2400	17000	49000	280000	61000	UG/KG	2.2 U
1,3-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U
1,4-Dichlorobenzene	1800	9800	13000	130000	10000	UG/KG	2.2 U
1,4-Diethyl Benzene	--	--	--	--	--	UG/KG	2.2 U
1,4-Dioxane (P-Dioxane)	100	9800	13000	130000	310	UG/KG	110 U
2,2-Dichloropropane	--	--	--	--	--	UG/KG	2.2 U
2-Chlorotoluene	--	--	--	--	20000	UG/KG	2.2 U
2-Hexanone	--	--	--	--	--	UG/KG	11 U
4-Chlorotoluene	--	--	--	--	--	UG/KG	2.2 U
4-Ethyltoluene	--	--	--	--	--	UG/KG	2.2 U
Acetone	50	100000	100000	500000	110000	UG/KG	11 U
Acrolein	--	--	--	--	--	UG/KG	27 U
Acrylonitrile	--	--	--	--	37	UG/KG	4.4 U
Benzene	60	2900	4800	44000	130	UG/KG	0.55 U
Bromobenzene	--	--	--	--	--	UG/KG	2.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-66/67-WC (1-2)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U
Bromochloromethane	--	--	--	--	1600	UG/KG	2.2 U
Bromodichloromethane	--	--	--	--	3400	UG/KG	0.55 U
Bromoform	--	--	--	--	4400	UG/KG	4.4 U
Bromomethane	--	--	--	--	540	UG/KG	2.2 U
Carbon Disulfide	--	--	--	--	350000	UG/KG	11 U
Carbon Tetrachloride	760	1400	2400	22000	260	UG/KG	1.1 U
Chlorobenzene	1100	100000	100000	500000	6100	UG/KG	0.55 U
Chloroethane	--	--	--	--	19000	UG/KG	2.2 U
Chloroform	370	10000	49000	350000	2500	UG/KG	1.6 U
Chloromethane	--	--	--	--	38	UG/KG	4.4 U
Cis-1,2-Dichloroethylene	250	59000	100000	500000	1600	UG/KG	1.1 U
Cis-1,3-Dichloropropene	--	--	--	--	--	UG/KG	0.55 U
Cyclohexane	--	--	--	--	--	UG/KG	11 U
Cymene	--	--	--	--	--	UG/KG	1.1 U
Dibromochloromethane	--	--	--	--	3200	UG/KG	1.1 U
Dibromomethane	--	--	--	--	7700	UG/KG	2.2 U
Dichlorodifluoromethane	--	--	--	--	100000	UG/KG	11 U
Dichloroethylenes	--	--	--	--	--	UG/KG	1.1 U
Diethyl Ether (Ethyl Ether)	--	--	--	--	120000	UG/KG	2.2 U
Ethylbenzene	1000	30000	41000	390000	46000	UG/KG	1.1 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	4.4 U
Isopropylbenzene (Cumene)	--	--	--	--	1600000	UG/KG	1.1 U
m,p-Xylene	--	--	--	--	--	UG/KG	2.2 U
Methyl Acetate	--	--	--	--	1900000	UG/KG	4.4 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	100000	500000	110000	UG/KG	11 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	--	6300	UG/KG	11 U
Methylcyclohexane	--	--	--	--	--	UG/KG	4.4 U
Methylene Chloride	50	51000	100000	500000	76	UG/KG	5.5 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	4.4 U
N-Butylbenzene	12000	100000	100000	500000	2600000	UG/KG	1.1 U
N-Propylbenzene	3900	100000	100000	500000	780000	UG/KG	1.1 U
O-Xylene (1,2-Dimethylbenzene)	--	--	--	--	--	UG/KG	1.1 U
Sec-Butylbenzene	11000	100000	100000	500000	960000	UG/KG	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-66/67-WC (1-2)
Sample Date:							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,1,1,2-Tetrachloroethane	--	--	--	--	18000	UG/KG	0.55 U
Styrene	--	--	--	--	24000	UG/KG	1.1 U
T-Butylbenzene	5900	100000	100000	500000	740000	UG/KG	2.2 U
Tert-Butyl Alcohol	--	--	--	--	--	UG/KG	22 U
Tert-Butyl Methyl Ether	930	62000	100000	500000	280	UG/KG	2.2 U
Tetrachloroethylene (PCE)	1300	5500	19000	150000	430	UG/KG	0.55 U
Toluene	700	100000	100000	500000	44000	UG/KG	1.1 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	--	460	UG/KG	0.55 U
Trans-1,2-Dichloroethene	190	100000	100000	500000	2300	UG/KG	1.6 U
Trans-1,3-Dichloropropene	--	--	--	--	--	UG/KG	1.1 U
Trans-1,4-Dichloro-2-Butene	--	--	--	--	--	UG/KG	5.5 U
Trichloroethylene (TCE)	470	10000	21000	200000	170	UG/KG	0.55 U
Trichlorofluoromethane	--	--	--	--	87000	UG/KG	4.4 U
Vinyl Acetate	--	--	--	--	14000	UG/KG	11 U
Vinyl Chloride	20	210	900	13000	27	UG/KG	1.1 U
Xylenes	260	100000	100000	500000	990000	UG/KG	1.1 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	1/2-WC (0-12)	3/4-WC (0-10)
							Sample Date:	06/18/2018	06/18/2018
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG		200 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG		200 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG		200 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG		200 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG		120 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG		180 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG		200 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG		960 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG		200 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG		200 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG		200 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG		200 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG		40 J	220 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG		200 U	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG		200 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG		430 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG		130 J	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG		200 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG		200 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG		520 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG		200 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG		200 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG		200 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG		200 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG		200 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG		280 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG		110 J	49 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG		320	150 U
Acetophenone	--	--	--	--	540000	UG/KG		200 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG		410	120
Atrazine	--	--	--	--	130	UG/KG		160 U	150 U
Azobenzene	--	--	--	--	--	UG/KG		200 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG		260 U	240 U
Benzidine	--	--	--	--	340	UG/KG		660 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation: 1/2-WC (0-12)	3/4-WC (0-10)
							Sample Date: 06/18/2018	06/18/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1000	330
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1100	330
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1500	440
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	760	200
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	480	140
Benzoic Acid	--	--	--	--	7800000	UG/KG	640 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	200 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	200 U	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	450 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	210 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	180 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	240 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	200 U	180 U
Caprolactam	--	--	--	--	--	UG/KG	200 U	180 U
Carbazole	--	--	--	--	83000	UG/KG	260	46 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	1100	330
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	190	54 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	65 J	24 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	200 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	200 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	200 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	200 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	2400	730
Fluorene	30000	100000	100000	500000	3800000	UG/KG	130 J	42 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	200 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	570 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	790	220
Isophorone	--	--	--	--	1900	UG/KG	180 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	79 J	180 U
Nitrobenzene	--	--	--	--	2200	UG/KG	180 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	400 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	200 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							1/2-WC (0-12)	3/4-WC (0-10)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1600	500
Phenol	330	100000	100000	500000	66000	UG/KG	62 J	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	2100	620

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	5/6-WC (0-12)	7/8-WC (0-12)
							Sample Date:	06/18/2018	06/18/2018
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG		180 U	200 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG		180 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG		180 U	200 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG		180 U	200 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG		110 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG		160 U	180 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG		180 U	200 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG		880 U	970 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG		180 U	200 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG		180 U	200 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG		180 U	200 U
2-Chlorophenol	--	--	--	--	4400	UG/KG		180 U	200 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG		220 U	170 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG		180 U	200 U
2-Nitroaniline	--	--	--	--	100	UG/KG		180 U	200 U
2-Nitrophenol	--	--	--	--	17000	UG/KG		400 U	440 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG		260 U	42 J
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG		180 U	200 U
3-Nitroaniline	--	--	--	--	91	UG/KG		180 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG		480 U	530 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG		180 U	200 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG		180 U	200 U
4-Chloroaniline	--	--	--	--	52000	UG/KG		180 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG		180 U	200 U
4-Nitroaniline	--	--	--	--	86	UG/KG		180 U	200 U
4-Nitrophenol	--	--	--	--	4100	UG/KG		260 U	280 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG		24 J	600
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG		56 J	390
Acetophenone	--	--	--	--	540000	UG/KG		180 U	200 U
Anthracene	100000	100000	100000	500000	350000	UG/KG		86 J	2100
Atrazine	--	--	--	--	130	UG/KG		150 U	160 U
Azobenzene	--	--	--	--	--	UG/KG		180 U	200 U
Benzaldehyde	--	--	--	--	--	UG/KG		240 U	270 U
Benzidine	--	--	--	--	340	UG/KG		610 U	670 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							5/6-WC (0-12)	7/8-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	340	5300
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	360	4400
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	460	5700
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	230	2400
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	160	1900
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U	660 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U	200 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	180 U	200 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	420 U	50 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	160 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	180 U	200 U
Caprolactam	--	--	--	--	--	UG/KG	180 U	200 U
Carbazole	--	--	--	--	83000	UG/KG	35 J	630
Chrysene	1000	1000	3900	56000	230000	UG/KG	340	5000
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	62 J	670
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	180 U	350
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U	200 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U	200 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U	200 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U	200 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	630	12000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	25 J	670
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U	200 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U	580 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	240	2700
Isophorone	--	--	--	--	1900	UG/KG	160 U	180 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	180 U	300
Nitrobenzene	--	--	--	--	2200	UG/KG	160 U	180 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U	400 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U	200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							5/6-WC (0-12)	7/8-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	290	7400
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	200 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	580	11000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	200 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	200 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	200 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	200 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	180 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	200 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	980 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	200 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	200 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	200 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	200 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	51 J	34 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	200 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	200 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	440 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	110 J	38 J
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	200 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	200 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	530 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	200 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	200 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	280 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	160	200
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	130 J	190
Acetophenone	--	--	--	--	540000	UG/KG	200 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	410	1100
Atrazine	--	--	--	--	130	UG/KG	160 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	200 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	270 U	240 U
Benzidine	--	--	--	--	340	UG/KG	670 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1100	3100
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1100	3000
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1300	4000
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	660	2000
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	450	1200
Benzoic Acid	--	--	--	--	7800000	UG/KG	660 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	200 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	200 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	460 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	220 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	180 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	240 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	200 U	190 U
Caprolactam	--	--	--	--	--	UG/KG	200 U	190 U
Carbazole	--	--	--	--	83000	UG/KG	160 J	500
Chrysene	1000	1000	3900	56000	230000	UG/KG	1100	2900
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	160	490
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	84 J	140 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	200 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	200 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	200 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	200 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	2400	7000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	170 J	190
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	200 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	580 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	700	2200
Isophorone	--	--	--	--	1900	UG/KG	180 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	91 J	76 J
Nitrobenzene	--	--	--	--	2200	UG/KG	180 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	410 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	200 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1700	4000
Phenol	330	100000	100000	500000	66000	UG/KG	200 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	2200	6000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	900 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	540	55 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	410 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	57 J	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	490 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	1100	150
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	820	210
Acetophenone	--	--	--	--	540000	UG/KG	190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	2600	550
Atrazine	--	--	--	--	130	UG/KG	150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	250 U	240 U
Benzidine	--	--	--	--	340	UG/KG	620 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	6600	1600
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	6800	1600
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	9800	2000
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	4000	1000
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	2400	710
Benzoic Acid	--	--	--	--	7800000	UG/KG	610 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	140 J	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U	190 U
Caprolactam	--	--	--	--	--	UG/KG	190 U	190 U
Carbazole	--	--	--	--	83000	UG/KG	1500	200
Chrysene	1000	1000	3900	56000	230000	UG/KG	6500	1600
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	1300	230
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	860	100 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	13000	3800
Fluorene	30000	100000	100000	500000	3800000	UG/KG	1400	160 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	540 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	4800	1100
Isophorone	--	--	--	--	1900	UG/KG	170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	1200	100 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	380 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	11000	2500
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	11000	3600

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							17/27-WC (0-11)	20/30-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	190
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	900 U	920 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	650	640
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	130 J
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	410 U	410 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	72 J	320
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	490 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	270 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	1100	590
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	820	720
Acetophenone	--	--	--	--	540000	UG/KG	190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	2600	1700
Atrazine	--	--	--	--	130	UG/KG	150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	82 J	52 J
Benzidine	--	--	--	--	340	UG/KG	620 U	630 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 17/27-WC (0-11)							20/30-WC (0-8)
Sample Date: 06/25/2018							06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	6000 2600
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	5000 1800
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	6200 2400
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	2700 840
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	1900 720
Benzoic Acid	--	--	--	--	7800000	UG/KG	610 U 620 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U 190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U 190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	150 J 140 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U 210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U 170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U 230 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U 460
Caprolactam	--	--	--	--	--	UG/KG	190 U 190 U
Carbazole	--	--	--	--	83000	UG/KG	920 1600
Chrysene	1000	1000	3900	56000	230000	UG/KG	6200 2200
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	720 280
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	830 710
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U 190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U 190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U 190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U 190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	11000 6600
Fluorene	30000	100000	100000	500000	3800000	UG/KG	1700 1100
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U 110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U 190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	540 U 550 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U 150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	3000 1100
Isophorone	--	--	--	--	1900	UG/KG	170 U 170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	2400 1300
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U 170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	380 U 380 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U 190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							17/27-WC (0-11)	20/30-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	11000	6200
Phenol	330	100000	100000	500000	66000	UG/KG	40 J	120 J
Pyrene	100000	100000	100000	500000	2200000	UG/KG	11000	6100

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation: Sample Date: 21-WC (0-8) 06/26/2018	22/31-WC (0-11) 06/20/2018
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	160 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U	870 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	230	32 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U	390 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U	260 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U	470 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	250 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	350	94 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	400	64 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	1000	260
Atrazine	--	--	--	--	130	UG/KG	150 U	140 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U	240 U
Benzidine	--	--	--	--	340	UG/KG	610 U	600 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							21-WC (0-8)	22/31-WC (0-11)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	2500	750
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	2200	720
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	3200	900
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	1400	440
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	640	300
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U	590 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	130 J	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	52 J	410 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	160 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	130 J	180 U
Caprolactam	--	--	--	--	--	UG/KG	190 U	180 U
Carbazole	--	--	--	--	83000	UG/KG	590	120 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	2400	740
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	300	130
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	340	70 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	5300	1700
Fluorene	30000	100000	100000	500000	3800000	UG/KG	310	99 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U	520 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	140 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	1600	490
Isophorone	--	--	--	--	1900	UG/KG	170 U	160 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	300	66 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	160 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U	360 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							21-WC (0-8)	22/31-WC (0-11)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	140 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	140 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	4400	1200
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	4600	1500

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	200 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	200 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	200 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	200 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	180 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	200 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	940 U	930 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	200 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	200 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	200 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	200 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	33 J	450
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	200 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	200 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	420 U	420 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	280 U	280 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	200 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	200 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	510 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	200 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	200 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	270 U	270 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	85 J	1300
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	110 J	180
Acetophenone	--	--	--	--	540000	UG/KG	200 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	260	3000
Atrazine	--	--	--	--	130	UG/KG	160 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	200 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	260 U	250 U
Benzidine	--	--	--	--	340	UG/KG	640 U	640 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation: Sample Date: 23/24-WC (0-11) 06/20/2018	25/26-WC (0-10) 06/18/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	910	4900
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	870	4300
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1200	5700
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	540	2300
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	350	1700
Benzoic Acid	--	--	--	--	7800000	UG/KG	630 U	620 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	200 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	200 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	450 U	130 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	210 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	180 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	230 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	110 J	190 U
Caprolactam	--	--	--	--	--	UG/KG	200 U	190 U
Carbazole	--	--	--	--	83000	UG/KG	150 J	1200
Chrysene	1000	1000	3900	56000	230000	UG/KG	900	4400
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	160	680
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	54 J	870
Diethyl Phthalate	--	--	--	--	160000	UG/KG	200 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	200 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	200 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	200 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	1800	12000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	78 J	1400
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	200 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	560 U	550 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	610	2800
Isophorone	--	--	--	--	1900	UG/KG	180 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	70 J	940
Nitrobenzene	--	--	--	--	2200	UG/KG	180 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	390 U	390 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	200 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1100	12000
Phenol	330	100000	100000	500000	66000	UG/KG	200 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	1600	10000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	32/33-WC (0-11)	34-WC (0-9)
							Sample Date:	06/20/2018	06/25/2018
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG		180 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG		180 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG		180 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG		180 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG		110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG		170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG		180 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG		880 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG		180 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG		180 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG		180 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG		180 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG		1100	79 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG		180 U	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG		180 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG		400 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG		52 J	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG		180 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG		180 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG		480 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG		180 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG		180 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG		180 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG		180 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG		180 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG		260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG		2000	190
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG		1400	98 J
Acetophenone	--	--	--	--	540000	UG/KG		180 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG		6100	460
Atrazine	--	--	--	--	130	UG/KG		150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG		180 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG		240 U	240 U
Benzidine	--	--	--	--	340	UG/KG		610 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	32/33-WC (0-11)	34-WC (0-9)
							Sample Date:	06/20/2018	06/25/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG		14000	1100
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG		12000	920
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG		18000	1200
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG		6200	620
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG		3600	340
Benzoic Acid	--	--	--	--	7800000	UG/KG		600 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG		180 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG		180 U	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG		350 J	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG		200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG		170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG		220 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG		180 U	180 U
Caprolactam	--	--	--	--	--	UG/KG		180 U	180 U
Carbazole	--	--	--	--	83000	UG/KG		3900	160 J
Chrysene	1000	1000	3900	56000	230000	UG/KG		15000	1100
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG		2300	130
Dibenzofuran	7000	14000	59000	350000	--	UG/KG		2400	120 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG		180 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG		180 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG		180 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG		180 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG		33000	2400
Fluorene	30000	100000	100000	500000	3800000	UG/KG		3100	190
Hexachlorobenzene	330	330	1200	6000	960	UG/KG		110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG		180 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG		530 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG		150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG		9500	590
Isophorone	--	--	--	--	1900	UG/KG		170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG		2000	87 J
Nitrobenzene	--	--	--	--	2200	UG/KG		170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG		370 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG		180 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							32/33-WC (0-11)	34-WC (0-9)
Sample Date:							06/20/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	32000	2300
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	27000	2200

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (0-9)	36-WC (0-9)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	200 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	200 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	200 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	180 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	200 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	920 U	940 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	200 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	200 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	200 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	200 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	930	26 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	200 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	200 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	420 U	420 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	34 J	280 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	200 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	500 U	510 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	200 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	200 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	200 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	200 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	270 U	280 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	92 J	62 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	110 J	60 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U	200 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	360	170
Atrazine	--	--	--	--	130	UG/KG	150 U	160 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	200 U
Benzaldehyde	--	--	--	--	--	UG/KG	250 U	53 J
Benzidine	--	--	--	--	340	UG/KG	630 U	650 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 35-WC (0-9)							35-WC (0-9)	36-WC (0-9)
Sample Date: 06/25/2018							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	820	490
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	710	450
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	880	580
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	750	290
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	350	200
Benzoic Acid	--	--	--	--	7800000	UG/KG	620 U	640 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	200 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	620	200 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	440 U	450 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	210 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	930	200 U
Caprolactam	--	--	--	--	--	UG/KG	190 U	200 U
Carbazole	--	--	--	--	83000	UG/KG	130 J	71 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	860	490
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	120	73 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	61 J	31 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	200 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	200 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	83 J	200 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	200 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	1600	1000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	150 J	56 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	200 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	550 U	560 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	610	300
Isophorone	--	--	--	--	1900	UG/KG	170 U	180 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	590	37 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	180 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	380 U	390 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (0-9)	36-WC (0-9)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	67 J	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1200	720
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	200 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	1700	960

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							37-WC (0-9)	38/39-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	930 U	920 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	90 J	44 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	420 U	420 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	280 U	280 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	500 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	270 U	270 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	140 J	88 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	72 J	140 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	270	320
Atrazine	--	--	--	--	130	UG/KG	160 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	260 U	250 U
Benzidine	--	--	--	--	340	UG/KG	640 U	630 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							37-WC (0-9)	38/39-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	540	750
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	460	620
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	580	900
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	290	480
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	210	230
Benzoic Acid	--	--	--	--	7800000	UG/KG	630 U	620 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	440 U	440 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	210 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	230 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U	200
Caprolactam	--	--	--	--	--	UG/KG	190 U	190 U
Carbazole	--	--	--	--	83000	UG/KG	110 J	150 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	520	770
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	73 J	120
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	110 J	81 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	1200	1500
Fluorene	30000	100000	100000	500000	3800000	UG/KG	150 J	110 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	550 U	550 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	300	480
Isophorone	--	--	--	--	1900	UG/KG	170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	170 J	90 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	390 U	380 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							37-WC (0-9)	38/39-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1200	1200
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	1000	1300

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							40-WC (0-12)	41/51-WC (0-10)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	49 J	220 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	120 J	55 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	160	34 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	310	140
Atrazine	--	--	--	--	130	UG/KG	150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	250 U	240 U
Benzidine	--	--	--	--	340	UG/KG	620 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	40-WC (0-12)	41/51-WC (0-10)
							Sample Date:	06/26/2018	06/20/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG		1100	460
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG		960	450
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG		1400	580
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG		720	290
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG		290	200
Benzoic Acid	--	--	--	--	7800000	UG/KG		600 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG		190 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG		190 U	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG		420 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG		200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG		170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG		220 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG		190 U	180 U
Caprolactam	--	--	--	--	--	UG/KG		190 U	180 U
Carbazole	--	--	--	--	83000	UG/KG		170 J	65 J
Chrysene	1000	1000	3900	56000	230000	UG/KG		1100	470
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG		130	83 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG		87 J	29 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG		190 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG		190 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG		190 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG		190 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG		2300	990
Fluorene	30000	100000	100000	500000	3800000	UG/KG		120 J	54 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG		110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG		190 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG		530 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG		150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG		740	310
Isophorone	--	--	--	--	1900	UG/KG		170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG		100 J	39 J
Nitrobenzene	--	--	--	--	2200	UG/KG		170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG		370 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG		190 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							40-WC (0-12)	41/51-WC (0-10)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1500	620
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	2200	900

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							42/43-WC (0-10)	44-WC (0-9)
Sample Date:							06/20/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	180 U	200 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	180 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	180 U	200 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	180 U	200 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	180 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	180 U	200 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U	960 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	180 U	200 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	180 U	200 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	180 U	200 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	180 U	200 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	80 J	240 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	180 U	200 U
2-Nitroaniline	--	--	--	--	100	UG/KG	180 U	200 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U	430 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U	290 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	180 U	200 U
3-Nitroaniline	--	--	--	--	91	UG/KG	180 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U	520 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	200 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	180 U	200 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	180 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	200 U
4-Nitroaniline	--	--	--	--	86	UG/KG	180 U	200 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	280 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	210	160 U
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	88 J	160 U
Acetophenone	--	--	--	--	540000	UG/KG	180 U	200 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	370	120 U
Atrazine	--	--	--	--	130	UG/KG	150 U	160 U
Azobenzene	--	--	--	--	--	UG/KG	180 U	200 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U	130 J
Benzidine	--	--	--	--	340	UG/KG	610 U	660 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation: 42/43-WC (0-10)	44-WC (0-9)
							Sample Date: 06/20/2018	06/22/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1000	100 J
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	840	100 J
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1100	140
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	450	85 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	370	42 J
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U	650 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U	200 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	180 U	200 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	420 U	460 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	160 J	200 U
Caprolactam	--	--	--	--	--	UG/KG	180 U	200 U
Carbazole	--	--	--	--	83000	UG/KG	160 J	200 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	980	110 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	140	25 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	100 J	200 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U	200 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U	200 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U	200 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U	200 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	2000	210
Fluorene	30000	100000	100000	500000	3800000	UG/KG	200	200 U
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U	200 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U	580 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	520	79 J
Isophorone	--	--	--	--	1900	UG/KG	170 U	180 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	170 J	200 U
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	180 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U	400 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U	200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							42/43-WC (0-10)	44-WC (0-9)
Sample Date:							06/20/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1900	120
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	200 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	2000	190

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							45-WC (0-9)	46-WC (0-9)
Sample Date:							06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	930 U	930 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	100 J	200 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	420 U	420 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	280 U	36 J
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	500 U	500 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	270 U	270 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	240	420
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	240	460
Acetophenone	--	--	--	--	540000	UG/KG	190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	750	1400
Atrazine	--	--	--	--	130	UG/KG	160 U	160 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	260 U	260 U
Benzidine	--	--	--	--	340	UG/KG	640 U	640 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 45-WC (0-9)							46-WC (0-9)
Sample Date: 06/22/2018							06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1800 3700
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1600 3300
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	2000 4300
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	1000 2000
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	730 1500
Benzoic Acid	--	--	--	--	7800000	UG/KG	630 U 630 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U 190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U 190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	440 U 54 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	210 U 210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U 170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U 230 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U 190 U
Caprolactam	--	--	--	--	--	UG/KG	190 U 190 U
Carbazole	--	--	--	--	83000	UG/KG	300 550
Chrysene	1000	1000	3900	56000	230000	UG/KG	1800 3600
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	270 510
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	150 J 320
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U 190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U 190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	57 J 190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U 190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	3900 7900
Fluorene	30000	100000	100000	500000	3800000	UG/KG	270 360
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U 120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U 190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	550 U 560 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U 160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	1000 2200
Isophorone	--	--	--	--	1900	UG/KG	170 U 170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	150 J 420
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U 170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	390 U 390 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U 190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							45-WC (0-9)	46-WC (0-9)
Sample Date:							06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	3200	5800
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	3600	7200

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							47-WC (0-9)	48-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	360 U	210 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	360 U	210 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	360 U	210 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	360 U	210 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	220 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	320 U	190 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	360 U	210 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	1700 U	1000 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	360 U	210 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	360 U	210 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	360 U	210 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	360 U	210 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	150 J	89 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	360 U	210 U
2-Nitroaniline	--	--	--	--	100	UG/KG	360 U	210 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	770 U	450 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	520 U	300 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	360 U	210 U
3-Nitroaniline	--	--	--	--	91	UG/KG	360 U	210 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	930 U	540 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	360 U	210 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	360 U	210 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	360 U	210 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	360 U	210 U
4-Nitroaniline	--	--	--	--	86	UG/KG	360 U	210 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	500 U	290 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	440	28 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	310	52 J
Acetophenone	--	--	--	--	540000	UG/KG	360 U	210 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	980	83 J
Atrazine	--	--	--	--	130	UG/KG	290 U	170 U
Azobenzene	--	--	--	--	--	UG/KG	360 U	210 U
Benzaldehyde	--	--	--	--	--	UG/KG	470 U	280 U
Benzidine	--	--	--	--	340	UG/KG	1200 U	690 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 47-WC (0-9)							47-WC (0-9)	48-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	2700	300
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	2200	160 J
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	3100	250
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	1500	130 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	910	73 J
Benzoic Acid	--	--	--	--	7800000	UG/KG	1200 U	680 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	360 U	210 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	360 U	210 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	820 U	480 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	390 U	230 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	320 U	190 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	430 U	250 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	360 U	210 U
Caprolactam	--	--	--	--	--	UG/KG	360 U	210 U
Carbazole	--	--	--	--	83000	UG/KG	450	39 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	2600	250
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	400	33 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	220 J	32 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	360 U	210 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	360 U	210 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	86 J	210 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	360 U	210 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	5900	610
Fluorene	30000	100000	100000	500000	3800000	UG/KG	350 J	27 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	220 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	360 U	210 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	1000 U	600 U
Hexachloroethane	--	--	--	--	560	UG/KG	290 U	170 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	1700	140 J
Isophorone	--	--	--	--	1900	UG/KG	320 U	190 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	300 J	89 J
Nitrobenzene	--	--	--	--	2200	UG/KG	320 U	190 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	720 U	420 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	360 U	210 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							47-WC (0-9)	48-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	290 U	170 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	290 U	170 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	3700	350
Phenol	330	100000	100000	500000	66000	UG/KG	360 U	210 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	5100	520

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:							06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	910 U	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	140 J	220 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	410 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	490 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	300	25 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	220	160
Acetophenone	--	--	--	--	540000	UG/KG	190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	680	200
Atrazine	--	--	--	--	130	UG/KG	150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	250 U	240 U
Benzidine	--	--	--	--	340	UG/KG	620 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:							06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	2000	950
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1800	910
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	2300	1200
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	1300	540
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	850	400
Benzoic Acid	--	--	--	--	7800000	UG/KG	610 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	430 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U	190 U
Caprolactam	--	--	--	--	--	UG/KG	190 U	190 U
Carbazole	--	--	--	--	83000	UG/KG	310	82 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	1800	860
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	340	160
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	160 J	28 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	3700	1700
Fluorene	30000	100000	100000	500000	3800000	UG/KG	240	38 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	540 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	1400	570
Isophorone	--	--	--	--	1900	UG/KG	170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	320	32 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	380 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:							06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	2400	700
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	3200	1500

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 54-WC (0-9)							54-WC (0-9)	55-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U	160 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	910 U	880 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	230 U	65 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	410 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U	260 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	490 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	150 U	92 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	150 U	72 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	110 U	260
Atrazine	--	--	--	--	130	UG/KG	150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	250 U	240 U
Benzidine	--	--	--	--	340	UG/KG	630 U	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 54-WC (0-9) 55-WC (0-9)							54-WC (0-9)	55-WC (0-9)
Sample Date: 06/21/2018 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	100 J	680
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	71 J	480
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	110	670
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	58 J	290
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	30 J	220
Benzoic Acid	--	--	--	--	7800000	UG/KG	620 U	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	430 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U	160 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U	180 U
Caprolactam	--	--	--	--	--	UG/KG	190 U	180 U
Carbazole	--	--	--	--	83000	UG/KG	190 U	120 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	93 J	580
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	110 U	68 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	190 U	70 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	180	1800
Fluorene	30000	100000	100000	500000	3800000	UG/KG	190 U	100 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	540 U	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	52 J	320
Isophorone	--	--	--	--	1900	UG/KG	170 U	160 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	190 U	82 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U	160 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	380 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							54-WC (0-9)	55-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	73 J	1200
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	160	1400

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 56-WC (0-9)							56-WC (0-9)	57-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	180 U	360 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	180 U	360 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	180 U	360 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	180 U	360 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	220 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	160 U	320 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	180 U	360 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	880 U	1700 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	180 U	360 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	180 U	360 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	180 U	360 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	180 U	360 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	75 J	230 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	180 U	360 U
2-Nitroaniline	--	--	--	--	100	UG/KG	180 U	360 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	390 U	780 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	260 U	520 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	180 U	360 U
3-Nitroaniline	--	--	--	--	91	UG/KG	180 U	360 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	470 U	940 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	360 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	180 U	360 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	180 U	360 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	360 U
4-Nitroaniline	--	--	--	--	86	UG/KG	180 U	360 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U	510 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	170	460
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	170	270 J
Acetophenone	--	--	--	--	540000	UG/KG	180 U	360 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	550	1200
Atrazine	--	--	--	--	130	UG/KG	140 U	290 U
Azobenzene	--	--	--	--	--	UG/KG	180 U	360 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U	480 U
Benzidine	--	--	--	--	340	UG/KG	600 U	1200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							56-WC (0-9)	57-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1600	3000
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1200	2400
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1700	3300
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	890	1700
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	520	1200
Benzoic Acid	--	--	--	--	7800000	UG/KG	590 U	1200 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U	360 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	180 U	360 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	420 U	820 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U	390 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	160 U	320 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U	430 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	180 U	360 U
Caprolactam	--	--	--	--	--	UG/KG	180 U	360 U
Carbazole	--	--	--	--	83000	UG/KG	240	580
Chrysene	1000	1000	3900	56000	230000	UG/KG	1400	2900
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	220	440
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	140 J	420
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U	360 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U	360 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U	360 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U	360 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	4300	7000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	180	450
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	220 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U	360 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	520 U	1000 U
Hexachloroethane	--	--	--	--	560	UG/KG	140 U	290 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	950	1900
Isophorone	--	--	--	--	1900	UG/KG	160 U	320 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	140 J	380
Nitrobenzene	--	--	--	--	2200	UG/KG	160 U	320 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	360 U	720 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U	360 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							56-WC (0-9)	57-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	140 U	290 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	140 U	290 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	2900	6000
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	360 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	3600	6000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 58-WC (0-9)							58-WC (0-9)	59/60-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	1800 U	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	1800 U	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	1800 U	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	1800 U	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	1100 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	1600 U	160 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	1800 U	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	8500 U	880 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	1800 U	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	1800 U	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	1800 U	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	1800 U	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	360 J	960
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	1800 U	37 J
2-Nitroaniline	--	--	--	--	100	UG/KG	1800 U	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	3800 U	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	2600 U	120 J
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	1800 U	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	1800 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	4600 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1800 U	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	1800 U	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	1800 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1800 U	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	1800 U	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	2500 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	1900	2200
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	1300 J	2100
Acetophenone	--	--	--	--	540000	UG/KG	1800 U	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	5400	6900
Atrazine	--	--	--	--	130	UG/KG	1400 U	150 U
Azobenzene	--	--	--	--	--	UG/KG	1800 U	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	2400 U	240 U
Benzidine	--	--	--	--	340	UG/KG	5900 U	600 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 58-WC (0-9)							58-WC (0-9)	59/60-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	11000	16000
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	9700	16000
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	12000	21000
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	5700	9400
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	4500	2200
Benzoic Acid	--	--	--	--	7800000	UG/KG	5800 U	590 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	1800 U	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	1800 U	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	4000 U	310 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	1900 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	1600 U	160 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	2100 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	1800 U	180 U
Caprolactam	--	--	--	--	--	UG/KG	1800 U	180 U
Carbazole	--	--	--	--	83000	UG/KG	1600 J	4400
Chrysene	1000	1000	3900	56000	230000	UG/KG	10000	15000
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	1500	2100
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	1200 J	2400
Diethyl Phthalate	--	--	--	--	160000	UG/KG	1800 U	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	1800 U	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	1800 U	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	1800 U	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	25000	38000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	2400	4300
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	1100 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	1800 U	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	5100 U	520 U
Hexachloroethane	--	--	--	--	560	UG/KG	1400 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	6400	11000
Isophorone	--	--	--	--	1900	UG/KG	1600 U	160 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	830 J	1400
Nitrobenzene	--	--	--	--	2200	UG/KG	1600 U	160 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	3600 U	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	1800 U	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							58-WC (0-9)	59/60-WC (0-9)
Sample Date:							06/21/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	1400 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	1400 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	21000	32000
Phenol	330	100000	100000	500000	66000	UG/KG	1800 U	56 J
Pyrene	100000	100000	100000	500000	2200000	UG/KG	20000	28000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)							DL-63/66/62-WC (0-5)
Sample Date: 06/26/2018							07/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	48 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	120 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	44 J
Acetophenone	--	--	--	--	540000	UG/KG	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	260
Atrazine	--	--	--	--	130	UG/KG	150 U
Azobenzene	--	--	--	--	--	UG/KG	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U
Benzidine	--	--	--	--	340	UG/KG	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)							DL-63/66/62-WC (0-5)
Sample Date: 06/26/2018							07/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	900
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	830
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1100
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	550
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	290
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	78 J
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	180 U
Caprolactam	--	--	--	--	--	UG/KG	180 U
Carbazole	--	--	--	--	83000	UG/KG	150 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	790
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	100 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	95 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	1700
Fluorene	30000	100000	100000	500000	3800000	UG/KG	120 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	550
Isophorone	--	--	--	--	1900	UG/KG	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	100 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:							06/26/2018	07/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	1200	64000
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	100 J
Pyrene	100000	100000	100000	500000	2200000	UG/KG	1600	72000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X34-WC (9-18)							X34-WC (9-18)	X35-WC (9-18)
Sample Date: 06/25/2018							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	210 U	200 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	210 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	210 U	200 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	210 U	200 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	130 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	190 U	180 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	210 U	200 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	1000 U	960 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	210 U	200 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	210 U	200 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	210 U	200 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	210 U	200 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	250 U	570
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	210 U	200 U
2-Nitroaniline	--	--	--	--	100	UG/KG	210 U	200 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	460 U	430 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	300 U	290 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	210 U	200 U
3-Nitroaniline	--	--	--	--	91	UG/KG	210 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	550 U	520 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	210 U	200 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	210 U	200 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	210 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	210 U	200 U
4-Nitroaniline	--	--	--	--	86	UG/KG	210 U	200 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	300 U	280 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	170 U	160 U
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	170 U	160 U
Acetophenone	--	--	--	--	540000	UG/KG	210 U	200 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	130 U	83 J
Atrazine	--	--	--	--	130	UG/KG	170 U	160 U
Azobenzene	--	--	--	--	--	UG/KG	210 U	200 U
Benzaldehyde	--	--	--	--	--	UG/KG	280 U	260 U
Benzidine	--	--	--	--	340	UG/KG	700 U	660 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X34-WC (9-18) X35-WC (9-18)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	130 U	140
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	170 U	110 J
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	130 U	120
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	170 U	160
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	130 U	39 J
Benzoic Acid	--	--	--	--	7800000	UG/KG	690 U	650 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	210 U	200 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	210 U	200 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	480 U	460 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	230 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	190 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	250 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	210 U	500
Caprolactam	--	--	--	--	--	UG/KG	210 U	200 U
Carbazole	--	--	--	--	83000	UG/KG	210 U	200 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	130 U	99 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	130 U	120 U
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	210 U	200 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	210 U	200 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	210 U	200 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	210 U	200 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	210 U	200 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	130 U	170
Fluorene	30000	100000	100000	500000	3800000	UG/KG	210 U	71 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	130 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	210 U	200 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	610 U	570 U
Hexachloroethane	--	--	--	--	560	UG/KG	170 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	170 U	60 J
Isophorone	--	--	--	--	1900	UG/KG	190 U	180 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	210 U	420
Nitrobenzene	--	--	--	--	2200	UG/KG	190 U	180 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	420 U	400 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	210 U	200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X34-WC (9-18)	X35-WC (9-18)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	170 U	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	170 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	130 U	220
Phenol	330	100000	100000	500000	66000	UG/KG	210 U	200 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	130 U	300

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X36/X37-WC (9-14)							X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date: 06/25/2018							06/25/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	200 U	200 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	200 U	200 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	200 U	200 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	200 U	200 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	120 U	120 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	180 U	180 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	200 U	200 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	980 U	960 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	200 U	200 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	200 U	200 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	200 U	200 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	200 U	200 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	71 J	1100
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	200 U	200 U
2-Nitroaniline	--	--	--	--	100	UG/KG	200 U	200 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	440 U	430 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	290 U	290 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	200 U	200 U
3-Nitroaniline	--	--	--	--	91	UG/KG	200 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	530 U	520 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	200 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	200 U	200 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	200 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	200 U	200 U
4-Nitroaniline	--	--	--	--	86	UG/KG	200 U	200 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	280 U	280 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	160 U	22 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	160 U	160 U
Acetophenone	--	--	--	--	540000	UG/KG	200 U	200 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	120 U	65 J
Atrazine	--	--	--	--	130	UG/KG	160 U	160 U
Azobenzene	--	--	--	--	--	UG/KG	200 U	200 U
Benzaldehyde	--	--	--	--	--	UG/KG	270 U	260 U
Benzidine	--	--	--	--	340	UG/KG	670 U	660 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X36/X37-WC (9-14)							X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date: 06/25/2018							06/25/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	55 J	110 J
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	160 U	89 J
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	57 J	100 J
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	37 J	120 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	120 U	120 U
Benzoic Acid	--	--	--	--	7800000	UG/KG	660 U	650 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	200 U	200 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	53 J	200 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	460 U	460 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	220 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	180 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	240 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	200 U	960
Caprolactam	--	--	--	--	--	UG/KG	200 U	200 U
Carbazole	--	--	--	--	83000	UG/KG	200 U	200 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	48 J	85 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	120 U	120 U
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	200 U	200 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	200 U	200 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	200 U	200 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	200 U	200 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	200 U	200 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	99 J	120
Fluorene	30000	100000	100000	500000	3800000	UG/KG	200 U	63 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	120 U	120 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	200 U	200 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	580 U	570 U
Hexachloroethane	--	--	--	--	560	UG/KG	160 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	34 J	55 J
Isophorone	--	--	--	--	1900	UG/KG	180 U	180 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	41 J	820
Nitrobenzene	--	--	--	--	2200	UG/KG	180 U	180 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	410 U	400 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	200 U	200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date:							06/25/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	160 U	160 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	160 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	83 J	200
Phenol	330	100000	100000	500000	66000	UG/KG	200 U	200 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	100 J	230

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X45-WC (9-19)							X45-WC (9-19)	X46-WC (9-19)
Sample Date: 06/22/2018							06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	180 U	890 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	180 U	890 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	180 U	890 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	180 U	890 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U	540 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	160 U	800 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	180 U	890 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	860 U	4300 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	180 U	890 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	180 U	890 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	180 U	890 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	180 U	890 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	740	4200
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	180 U	890 U
2-Nitroaniline	--	--	--	--	100	UG/KG	180 U	890 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	390 U	1900 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	260 U	1300 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	180 U	890 U
3-Nitroaniline	--	--	--	--	91	UG/KG	180 U	890 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	470 U	2300 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	890 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	180 U	890 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	180 U	890 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U	890 U
4-Nitroaniline	--	--	--	--	86	UG/KG	180 U	890 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	250 U	1200 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	140 U	710 U
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	140 U	710 U
Acetophenone	--	--	--	--	540000	UG/KG	180 U	890 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	61 J	270 J
Atrazine	--	--	--	--	130	UG/KG	140 U	710 U
Azobenzene	--	--	--	--	--	UG/KG	180 U	890 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U	1200 U
Benzidine	--	--	--	--	340	UG/KG	590 U	2900 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X45-WC (9-19)							X45-WC (9-19)	X46-WC (9-19)
Sample Date: 06/22/2018							06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	100 J	370 J
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	81 J	290 J
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	100 J	240 J
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	140	380 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	29 J	540 U
Benzoic Acid	--	--	--	--	7800000	UG/KG	580 U	2900 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U	890 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	180 U	1400
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	410 U	2000 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	190 U	960 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	160 U	800 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U	1100 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	180 U	1600
Caprolactam	--	--	--	--	--	UG/KG	180 U	890 U
Carbazole	--	--	--	--	83000	UG/KG	180 U	890 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	83 J	290 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	110 U	540 U
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	180 U	890 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U	890 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U	890 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U	890 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U	890 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	110	540
Fluorene	30000	100000	100000	500000	3800000	UG/KG	60 J	260 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U	540 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U	890 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	510 U	2600 U
Hexachloroethane	--	--	--	--	560	UG/KG	140 U	710 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	61 J	170 J
Isophorone	--	--	--	--	1900	UG/KG	160 U	800 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	440	2500
Nitrobenzene	--	--	--	--	2200	UG/KG	160 U	800 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	360 U	1800 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U	890 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X45-WC (9-19)	X46-WC (9-19)
Sample Date:							06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	140 U	710 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	140 U	710 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	170	800
Phenol	330	100000	100000	500000	66000	UG/KG	180 U	890 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	220	930

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X47-WC (9-19)							X47-WC (9-19)	X48/X58-WC (9-14)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	1900 U	1900 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	1900 U	1900 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	1900 U	1900 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	1900 U	1900 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	1200 U	1100 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	1700 U	1700 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	1900 U	1900 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	9200 U	9000 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	1900 U	1900 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	1900 U	1900 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	1900 U	1900 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	1900 U	1900 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	1600 J	750 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	1900 U	1900 U
2-Nitroaniline	--	--	--	--	100	UG/KG	1900 U	1900 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	4200 U	4100 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	2800 U	2700 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	1900 U	1900 U
3-Nitroaniline	--	--	--	--	91	UG/KG	1900 U	1900 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	5000 U	4900 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1900 U	1900 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	1900 U	1900 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	1900 U	1900 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1900 U	1900 U
4-Nitroaniline	--	--	--	--	86	UG/KG	1900 U	1900 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	2700 U	2600 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	1500 U	2300
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	1500 U	1700
Acetophenone	--	--	--	--	540000	UG/KG	1900 U	1900 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	1200 U	8000
Atrazine	--	--	--	--	130	UG/KG	1500 U	1500 U
Azobenzene	--	--	--	--	--	UG/KG	1900 U	1900 U
Benzaldehyde	--	--	--	--	--	UG/KG	2500 U	2500 U
Benzidine	--	--	--	--	340	UG/KG	6300 U	6200 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X47-WC (9-19)							X47-WC (9-19)	X48/X58-WC (9-14)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	1200 U	22000
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	1500 U	20000
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	1200 U	25000
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	320 J	12000
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	1200 U	8400
Benzoic Acid	--	--	--	--	7800000	UG/KG	6200 U	6100 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	1900 U	1900 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	1900 U	1900 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	4400 U	4300 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	2100 U	2000 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	1700 U	1700 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	2300 U	2200 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	1900 U	1900 U
Caprolactam	--	--	--	--	--	UG/KG	1900 U	1900 U
Carbazole	--	--	--	--	83000	UG/KG	1900 U	2700
Chrysene	1000	1000	3900	56000	230000	UG/KG	1200 U	21000
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	1200 U	2800
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	1900 U	1600 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG	1900 U	1900 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	1900 U	1900 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	1900 U	1900 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	1900 U	1900 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	1200 U	49000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	1900 U	2200
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	1200 U	1100 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	1900 U	1900 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	5500 U	5400 U
Hexachloroethane	--	--	--	--	560	UG/KG	1500 U	1500 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	270 J	13000
Isophorone	--	--	--	--	1900	UG/KG	1700 U	1700 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	950 J	1800 J
Nitrobenzene	--	--	--	--	2200	UG/KG	1700 U	1700 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	3800 U	3800 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	1900 U	1900 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X47-WC (9-19)	X48/X58-WC (9-14)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	1500 U	1500 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	1500 U	1500 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	300 J	34000
Phenol	330	100000	100000	500000	66000	UG/KG	1900 U	1900 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	350 J	42000

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (9-19)							X54-WC (9-19)	X55-WC (9-19)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	400 U	2000 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	400 U	2000 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	400 U	2000 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	400 U	2000 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	240 U	1200 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	360 U	1800 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	400 U	2000 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	1900 U	9500 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	400 U	2000 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	400 U	2000 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	400 U	2000 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	400 U	2000 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	520	290 J
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	400 U	2000 U
2-Nitroaniline	--	--	--	--	100	UG/KG	400 U	2000 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	870 U	4300 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	580 U	2800 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	400 U	2000 U
3-Nitroaniline	--	--	--	--	91	UG/KG	400 U	2000 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	1000 U	5200 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	400 U	2000 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	400 U	2000 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	400 U	2000 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	400 U	2000 U
4-Nitroaniline	--	--	--	--	86	UG/KG	400 U	2000 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	560 U	2800 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	320 U	1600 U
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	320 U	1600 U
Acetophenone	--	--	--	--	540000	UG/KG	400 U	2000 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	240 U	1200 U
Atrazine	--	--	--	--	130	UG/KG	320 U	1600 U
Azobenzene	--	--	--	--	--	UG/KG	400 U	2000 U
Benzaldehyde	--	--	--	--	--	UG/KG	530 U	2600 U
Benzidine	--	--	--	--	340	UG/KG	1300 U	6500 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (9-19)							X54-WC (9-19)	X55-WC (9-19)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	99 J	310 J
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	320 U	1600 U
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	99 J	370 J
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	130 J	370 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	240 U	1200 U
Benzoic Acid	--	--	--	--	7800000	UG/KG	1300 U	6400 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	400 U	2000 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	200 J	2000 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	920 U	4500 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	430 U	2100 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	360 U	1800 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	480 U	2400 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	540	2000 U
Caprolactam	--	--	--	--	--	UG/KG	400 U	2000 U
Carbazole	--	--	--	--	83000	UG/KG	400 U	2000 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	80 J	260 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	240 U	1200 U
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	400 U	2000 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	400 U	2000 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	400 U	2000 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	400 U	2000 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	400 U	2000 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	130 J	520 J
Fluorene	30000	100000	100000	500000	3800000	UG/KG	400 U	2000 U
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	240 U	1200 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	400 U	2000 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	1200 U	5700 U
Hexachloroethane	--	--	--	--	560	UG/KG	320 U	1600 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	87 J	360 J
Isophorone	--	--	--	--	1900	UG/KG	360 U	1800 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	350 J	2000 U
Nitrobenzene	--	--	--	--	2200	UG/KG	360 U	1800 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	800 U	4000 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	400 U	2000 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X54-WC (9-19)	X55-WC (9-19)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	320 U	1600 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	320 U	1600 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	120 J	390 J
Phenol	330	100000	100000	500000	66000	UG/KG	400 U	2000 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	170 J	490 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (9-19)							X56-WC (9-19)	X57-WC (9-19)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	1000 U	2000 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	1000 U	2000 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	1000 U	2000 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	1000 U	2000 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	600 U	1200 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	910 U	1800 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	1000 U	2000 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	4800 U	9400 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	1000 U	2000 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	1000 U	2000 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	1000 U	2000 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	1000 U	2000 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	1400	4200
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	1000 U	2000 U
2-Nitroaniline	--	--	--	--	100	UG/KG	1000 U	2000 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	2200 U	4200 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	1400 U	2800 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	1000 U	2000 U
3-Nitroaniline	--	--	--	--	91	UG/KG	1000 U	2000 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	2600 U	5100 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1000 U	2000 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	1000 U	2000 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	1000 U	2000 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	1000 U	2000 U
4-Nitroaniline	--	--	--	--	86	UG/KG	1000 U	2000 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	1400 U	2700 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	810 U	1600 U
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	810 U	1600 U
Acetophenone	--	--	--	--	540000	UG/KG	1000 U	2000 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	600 U	1200 U
Atrazine	--	--	--	--	130	UG/KG	810 U	1600 U
Azobenzene	--	--	--	--	--	UG/KG	1000 U	2000 U
Benzaldehyde	--	--	--	--	--	UG/KG	1300 U	2600 U
Benzidine	--	--	--	--	340	UG/KG	3300 U	6400 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (9-19)							X56-WC (9-19)	X57-WC (9-19)
Sample Date: 06/21/2018							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	170 J	380 J
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	810 U	1600 U
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	600 U	1200 U
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	290 J	670 J
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	600 U	1200 U
Benzoic Acid	--	--	--	--	7800000	UG/KG	3300 U	6300 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	1000 U	2000 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	460 J	2400
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	2300 U	4400 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	1100 U	2100 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	910 U	1800 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	1200 U	2300 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	510 J	1700 J
Caprolactam	--	--	--	--	--	UG/KG	1000 U	2000 U
Carbazole	--	--	--	--	83000	UG/KG	1000 U	2000 U
Chrysene	1000	1000	3900	56000	230000	UG/KG	120 J	260 J
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	600 U	1200 U
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	1000 U	2000 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	1000 U	2000 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	1000 U	2000 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	1000 U	2000 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	1000 U	2000 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	220 J	470 J
Fluorene	30000	100000	100000	500000	3800000	UG/KG	1000 U	2000 U
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	600 U	1200 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	1000 U	2000 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	2900 U	5600 U
Hexachloroethane	--	--	--	--	560	UG/KG	810 U	1600 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	250 J	470 J
Isophorone	--	--	--	--	1900	UG/KG	910 U	1800 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	840 J	2600
Nitrobenzene	--	--	--	--	2200	UG/KG	910 U	1800 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	2000 U	3900 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	1000 U	2000 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X56-WC (9-19)	X57-WC (9-19)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	810 U	240 J
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	810 U	1600 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	340 J	760 J
Phenol	330	100000	100000	500000	66000	UG/KG	1000 U	2000 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	320 J	940 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	DL-62-WC (0-5)	DL-63-WC (0-5)
							Sample Date:	08/31/2018	08/31/2018
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG		190 U	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG		190 U	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG		190 U	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG		190 U	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG		110 U	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG		170 U	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG		190 U	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG		900 U	910 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG		190 U	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG		190 U	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG		190 U	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG		190 U	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG		66 J	230 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG		190 U	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG		190 U	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG		410 U	410 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG		270 U	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG		190 U	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG		190 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG		490 U	490 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG		190 U	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG		190 U	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG		190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG		190 U	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG		190 U	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG		260 U	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG		220	40 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG		380	180
Acetophenone	--	--	--	--	540000	UG/KG		190 U	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG		840	170
Atrazine	--	--	--	--	130	UG/KG		150 U	150 U
Azobenzene	--	--	--	--	--	UG/KG		190 U	190 U
Benzaldehyde	--	--	--	--	--	UG/KG		250 U	250 U
Benzidine	--	--	--	--	340	UG/KG		620 U	620 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	DL-62-WC (0-5)	DL-63-WC (0-5)
							Sample Date:	08/31/2018	08/31/2018
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG		2300	740
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG		2100	680
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG		2800	940
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG		1400	440
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG		980	290
Benzoic Acid	--	--	--	--	7800000	UG/KG		610 U	610 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG		190 U	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG		190 U	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG		430 U	430 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG		200 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG		170 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG		220 U	230 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG		190 U	190 U
Caprolactam	--	--	--	--	--	UG/KG		190 U	190 U
Carbazole	--	--	--	--	83000	UG/KG		300	74 J
Chrysene	1000	1000	3900	56000	230000	UG/KG		2200	690
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG		330	96 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG		160 J	28 J
Diethyl Phthalate	--	--	--	--	160000	UG/KG		190 U	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG		190 U	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG		190 U	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG		190 U	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG		4300	1300
Fluorene	30000	100000	100000	500000	3800000	UG/KG		250	36 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG		110 U	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG		190 U	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG		540 U	540 U
Hexachloroethane	--	--	--	--	560	UG/KG		150 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG		1500	480
Isophorone	--	--	--	--	1900	UG/KG		170 U	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG		110 J	35 J
Nitrobenzene	--	--	--	--	2200	UG/KG		170 U	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG		380 U	380 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG		190 U	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-62-WC (0-5)	DL-63-WC (0-5)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	2900	660
Phenol	330	100000	100000	500000	66000	UG/KG	190 U	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	3600	1100

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-64/65-WC (0-5)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	190 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	190 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	190 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	190 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	190 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	190 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	190 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	190 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	190 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	220 U
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	190 U
2-Nitroaniline	--	--	--	--	100	UG/KG	190 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	270 U
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	190 U
3-Nitroaniline	--	--	--	--	91	UG/KG	190 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	190 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	190 U
4-Nitroaniline	--	--	--	--	86	UG/KG	190 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	23 J
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	64 J
Acetophenone	--	--	--	--	540000	UG/KG	190 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	84 J
Atrazine	--	--	--	--	130	UG/KG	150 U
Azobenzene	--	--	--	--	--	UG/KG	190 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U
Benzidine	--	--	--	--	340	UG/KG	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-64/65-WC (0-5)						Sample Date: 08/31/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	410
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	390
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	520
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	270
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	160
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	190 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	190 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	420 U
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	190 U
Caprolactam	--	--	--	--	--	UG/KG	190 U
Carbazole	--	--	--	--	83000	UG/KG	37 J
Chrysene	1000	1000	3900	56000	230000	UG/KG	390
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	52 J
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	190 U
Diethyl Phthalate	--	--	--	--	160000	UG/KG	190 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	190 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	190 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	190 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	760
Fluorene	30000	100000	100000	500000	3800000	UG/KG	22 J
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	190 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	270
Isophorone	--	--	--	--	1900	UG/KG	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	26 J
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	190 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-64/65-WC (0-5)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	390
Phenol	330	100000	100000	500000	66000	UG/KG	190 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	750

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						DL-66/67-WC (0-5)	
Sample Date:						08/31/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
1,2,4,5-Tetrachlorobenzene	--	--	--	--	14000	UG/KG	180 U
1,2,4-Trichlorobenzene	--	--	--	--	27000	UG/KG	180 U
2,3,4,6-Tetrachlorophenol	--	--	--	--	950000	UG/KG	180 U
2,4,5-Trichlorophenol	--	--	--	--	6100000	UG/KG	180 U
2,4,6-Trichlorophenol	--	--	--	--	8900	UG/KG	110 U
2,4-Dichlorophenol	--	--	--	--	1000	UG/KG	170 U
2,4-Dimethylphenol	--	--	--	--	87000	UG/KG	180 U
2,4-Dinitrophenol	--	--	--	--	460	UG/KG	890 U
2,4-Dinitrotoluene	--	--	--	--	200	UG/KG	180 U
2,6-Dinitrotoluene	--	--	--	--	3000	UG/KG	180 U
2-Chloronaphthalene	--	--	--	--	18000000	UG/KG	180 U
2-Chlorophenol	--	--	--	--	4400	UG/KG	180 U
2-Methylnaphthalene	--	--	--	--	8000000	UG/KG	640
2-Methylphenol (O-Cresol)	330	100000	100000	500000	180000	UG/KG	180 U
2-Nitroaniline	--	--	--	--	100	UG/KG	180 U
2-Nitrophenol	--	--	--	--	17000	UG/KG	400 U
3- And 4- Methylphenol (Total)	330	100000	100000	500000	12000	UG/KG	37 J
3,3'-Dichlorobenzidine	--	--	--	--	32000	UG/KG	180 U
3-Nitroaniline	--	--	--	--	91	UG/KG	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	--	--	UG/KG	480 U
4-Bromophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U
4-Chloro-3-Methylphenol	--	--	--	--	110000	UG/KG	180 U
4-Chloroaniline	--	--	--	--	52000	UG/KG	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	UG/KG	180 U
4-Nitroaniline	--	--	--	--	86	UG/KG	180 U
4-Nitrophenol	--	--	--	--	4100	UG/KG	260 U
Acenaphthene	20000	100000	100000	500000	4700000	UG/KG	1100
Acenaphthylene	100000	100000	100000	500000	6900000	UG/KG	360
Acetophenone	--	--	--	--	540000	UG/KG	180 U
Anthracene	100000	100000	100000	500000	350000	UG/KG	2500
Atrazine	--	--	--	--	130	UG/KG	150 U
Azobenzene	--	--	--	--	--	UG/KG	180 U
Benzaldehyde	--	--	--	--	--	UG/KG	240 U
Benzidine	--	--	--	--	340	UG/KG	610 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)						Sample Date: 08/31/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Benzo(A)Anthracene	1000	1000	1000	5600	110000	UG/KG	5800
Benzo(A)Pyrene	1000	1000	1000	1000	11000	UG/KG	4700
Benzo(B)Fluoranthene	1000	1000	1000	5600	110000	UG/KG	6100
Benzo(G,H,I)Perylene	100000	100000	100000	500000	180000	UG/KG	2700
Benzo(K)Fluoranthene	800	1000	3900	56000	610000	UG/KG	2200
Benzoic Acid	--	--	--	--	7800000	UG/KG	600 U
Benzyl Alcohol	--	--	--	--	1100000	UG/KG	180 U
Benzyl Butyl Phthalate	--	--	--	--	10000000	UG/KG	180 U
Biphenyl (Diphenyl)	--	--	--	--	2200000	UG/KG	150 J
Bis(2-Chloroethoxy) Methane	--	--	--	--	--	UG/KG	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	--	17	UG/KG	170 U
Bis(2-Chloroisopropyl) Ether	--	--	--	--	8000	UG/KG	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	--	130000	UG/KG	180 U
Caprolactam	--	--	--	--	--	UG/KG	180 U
Carbazole	--	--	--	--	83000	UG/KG	1300
Chrysene	1000	1000	3900	56000	230000	UG/KG	5500
Dibenz(A,H)Anthracene	330	330	330	560	11000	UG/KG	720
Dibenzofuran	7000	14000	59000	350000	--	UG/KG	840
Diethyl Phthalate	--	--	--	--	160000	UG/KG	180 U
Dimethyl Phthalate	--	--	--	--	--	UG/KG	180 U
Di-N-Butyl Phthalate	--	--	--	--	4100000	UG/KG	180 U
Di-N-Octylphthalate	--	--	--	--	10000000	UG/KG	180 U
Fluoranthene	100000	100000	100000	500000	3200000	UG/KG	14000
Fluorene	30000	100000	100000	500000	3800000	UG/KG	1200
Hexachlorobenzene	330	330	1200	6000	960	UG/KG	110 U
Hexachlorobutadiene	--	--	--	--	1200	UG/KG	180 U
Hexachlorocyclopentadiene	--	--	--	--	91000	UG/KG	530 U
Hexachloroethane	--	--	--	--	560	UG/KG	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	500	5600	110000	UG/KG	2900
Isophorone	--	--	--	--	1900	UG/KG	170 U
Naphthalene	12000	100000	100000	500000	25000	UG/KG	750
Nitrobenzene	--	--	--	--	2200	UG/KG	170 U
N-Nitrosodimethylamine	--	--	--	--	0.17	UG/KG	370 U
N-Nitrosodi-N-Propylamine	--	--	--	--	5.1	UG/KG	180 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-66/67-WC (0-5)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
N-Nitrosodiphenylamine	--	--	--	--	83000	UG/KG	150 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Phenanthrene	100000	100000	100000	500000	10000000	UG/KG	15000
Phenol	330	100000	100000	500000	66000	UG/KG	180 U
Pyrene	100000	100000	100000	500000	2200000	UG/KG	12000

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 1/2-WC (0-12)							3/4-WC (0-10)	5/6-WC (0-12)
Sample Date: 06/18/2018							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	5900	7200
Antimony	--	--	--	--	27	MG/KG	5.26	1.42 J
Arsenic	13	16	16	16	53	MG/KG	5.36	11.4
Barium	350	350	400	400	8200	MG/KG	188	91.2
Beryllium	7.2	14	72	590	320	MG/KG	0.31 J	0.354 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.958	0.865 U
Calcium	--	--	--	--	--	MG/KG	26000	10600
Chromium III	30	36	180	1500	190000	MG/KG	15	11
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.976 U	0.905 U
Chromium, Total	30	36	180	1500	190	MG/KG	15.1	11.3
Cobalt	--	--	--	--	22	MG/KG	5.72	5.27
Copper	50	270	270	270	36000	MG/KG	88.3	35.8
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	19000	12200
Lead	63	400	400	1000	450	MG/KG	400	114
Magnesium	--	--	--	--	--	MG/KG	5200	2040
Manganese	1600	2000	2000	10000	190000	MG/KG	272	220
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.32	0.179
Nickel	30	140	310	310	650	MG/KG	18.6	13.8
Potassium	--	--	--	--	--	MG/KG	708	575
Selenium	3.9	36	180	1500	26	MG/KG	1.88 U	1.73 U
Silver	2	36	180	1500	84	MG/KG	0.329 J	0.865 U
Sodium	--	--	--	--	--	MG/KG	277	225
Thallium	--	--	--	--	14	MG/KG	1.88 U	1.73 U
Vanadium	--	100	--	--	72000	MG/KG	19.2	20.7
Zinc	109	2200	10000	10000	12000	MG/KG	378	96.2

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	5370	7480	7610
Antimony	--	--	--	--	27	MG/KG	8.45	2.42 J	5.82
Arsenic	13	16	16	16	53	MG/KG	23.4	7.02	8.11
Barium	350	350	400	400	8200	MG/KG	336	169	231
Beryllium	7.2	14	72	590	320	MG/KG	0.33 J	0.392 J	0.454
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.283 J	0.243 J	0.498 J
Calcium	--	--	--	--	--	MG/KG	14000	18900	11600
Chromium III	30	36	180	1500	190000	MG/KG	15	20	21
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.979 U	0.988 U	0.917 U
Chromium, Total	30	36	180	1500	190	MG/KG	15.2	19.8	20.6
Cobalt	--	--	--	--	22	MG/KG	6.04	6.28	6.42
Copper	50	270	270	270	36000	MG/KG	88	61.5	362
Cyanide	27	27	27	27	200	MG/KG	1.2 U	1.2 U	1 U
Iron	--	--	--	--	190000	MG/KG	26200	15400	26400
Lead	63	400	400	1000	450	MG/KG	695	401	1100
Magnesium	--	--	--	--	--	MG/KG	1470	2410	2450
Manganese	1600	2000	2000	10000	190000	MG/KG	247	253	257
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.343	1.46	0.283
Nickel	30	140	310	310	650	MG/KG	21.4	25.8	28.2
Potassium	--	--	--	--	--	MG/KG	715	848	783
Selenium	3.9	36	180	1500	26	MG/KG	2.06	1.87 U	1.75 U
Silver	2	36	180	1500	84	MG/KG	0.414 J	0.934 U	0.349 J
Sodium	--	--	--	--	--	MG/KG	902	139 J	340
Thallium	--	--	--	--	14	MG/KG	1.88 U	1.87 U	1.75 U
Vanadium	--	100	--	--	72000	MG/KG	23.8	47.1	21
Zinc	109	2200	10000	10000	12000	MG/KG	420	273	301

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 13/14-WC (0-10)							15/16-WC (0-10)
Sample Date: 06/20/2018							06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aluminum	--	--	--	--	190000	MG/KG	6460
Antimony	--	--	--	--	27	MG/KG	4.38 U
Arsenic	13	16	16	16	53	MG/KG	7.5
Barium	350	350	400	400	8200	MG/KG	126
Beryllium	7.2	14	72	590	320	MG/KG	0.263 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.877 U
Calcium	--	--	--	--	--	MG/KG	22700
Chromium III	30	36	180	1500	190000	MG/KG	13
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.923 U
Chromium, Total	30	36	180	1500	190	MG/KG	13.4
Cobalt	--	--	--	--	22	MG/KG	6.16
Copper	50	270	270	270	36000	MG/KG	41
Cyanide	27	27	27	27	200	MG/KG	1 U
Iron	--	--	--	--	190000	MG/KG	13200
Lead	63	400	400	1000	450	MG/KG	1140
Magnesium	--	--	--	--	--	MG/KG	3320
Manganese	1600	2000	2000	10000	190000	MG/KG	257
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.311
Nickel	30	140	310	310	650	MG/KG	15.5
Potassium	--	--	--	--	--	MG/KG	702
Selenium	3.9	36	180	1500	26	MG/KG	1.75 U
Silver	2	36	180	1500	84	MG/KG	0.395 J
Sodium	--	--	--	--	--	MG/KG	129 J
Thallium	--	--	--	--	14	MG/KG	1.75 U
Vanadium	--	100	--	--	72000	MG/KG	22
Zinc	109	2200	10000	10000	12000	MG/KG	200

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)
Sample Date:							06/25/2018	06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	10500	6800	10200
Antimony	--	--	--	--	27	MG/KG	5.02	4.67 U	1.12 J
Arsenic	13	16	16	16	53	MG/KG	6.34	5.66	7.27
Barium	350	350	400	400	8200	MG/KG	332	153	99.7
Beryllium	7.2	14	72	590	320	MG/KG	0.342 J	0.364 J	0.382 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	1.18	0.935 U	0.611 J
Calcium	--	--	--	--	--	MG/KG	17600	10900	6750
Chromium III	30	36	180	1500	190000	MG/KG	26	13	15
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.926 U	0.944 U	0.894 U
Chromium, Total	30	36	180	1500	190	MG/KG	25.9	13.2	14.7
Cobalt	--	--	--	--	22	MG/KG	5.25	4.74	5.23
Copper	50	270	270	270	36000	MG/KG	136	28.8	25.4
Cyanide	27	27	27	27	200	MG/KG	1 U	1.2 U	1 U
Iron	--	--	--	--	190000	MG/KG	21200	15800	15000
Lead	63	400	400	1000	450	MG/KG	762	325	179
Magnesium	--	--	--	--	--	MG/KG	2760	1900	2590
Manganese	1600	2000	2000	10000	190000	MG/KG	203	198	222
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.136	0.259	0.398
Nickel	30	140	310	310	650	MG/KG	25.2	13.3	14.4
Potassium	--	--	--	--	--	MG/KG	1280	558	671
Selenium	3.9	36	180	1500	26	MG/KG	0.623 J	0.636 J	0.636 J
Silver	2	36	180	1500	84	MG/KG	0.878 U	0.935 U	0.848 U
Sodium	--	--	--	--	--	MG/KG	965	365	121 J
Thallium	--	--	--	--	14	MG/KG	1.76 U	1.87 U	1.7 U
Vanadium	--	100	--	--	72000	MG/KG	24.9	24	21.2
Zinc	109	2200	10000	10000	12000	MG/KG	297	138	99.8

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 22/31-WC (0-11)							22/31-WC (0-11)	23/24-WC (0-11)
Sample Date: 06/20/2018							06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	5920	4690
Antimony	--	--	--	--	27	MG/KG	4.28 U	4.64 U
Arsenic	13	16	16	16	53	MG/KG	5.65	6.3
Barium	350	350	400	400	8200	MG/KG	89.5	265
Beryllium	7.2	14	72	590	320	MG/KG	0.265 J	0.288 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.855 U	0.111 J
Calcium	--	--	--	--	--	MG/KG	15700	20700
Chromium III	30	36	180	1500	190000	MG/KG	15	15
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.875 U	0.95 U
Chromium, Total	30	36	180	1500	190	MG/KG	15	14.7
Cobalt	--	--	--	--	22	MG/KG	5.65	6.21
Copper	50	270	270	270	36000	MG/KG	33.3	47.1
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	12100	14400
Lead	63	400	400	1000	450	MG/KG	116	290
Magnesium	--	--	--	--	--	MG/KG	2940	2400
Manganese	1600	2000	2000	10000	190000	MG/KG	244	206
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.496	0.256
Nickel	30	140	310	310	650	MG/KG	18.7	21.1
Potassium	--	--	--	--	--	MG/KG	774	926
Selenium	3.9	36	180	1500	26	MG/KG	1.71 U	1.86 U
Silver	2	36	180	1500	84	MG/KG	0.855 U	0.928 U
Sodium	--	--	--	--	--	MG/KG	146 J	190
Thallium	--	--	--	--	14	MG/KG	1.71 U	1.86 U
Vanadium	--	100	--	--	72000	MG/KG	21.2	21.3
Zinc	109	2200	10000	10000	12000	MG/KG	87.5	386

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 25/26-WC (0-10)							32/33-WC (0-11)	34-WC (0-9)
Sample Date: 06/18/2018							06/20/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	9120	5470
Antimony	--	--	--	--	27	MG/KG	1.42 J	7.68
Arsenic	13	16	16	16	53	MG/KG	7.7	5.28
Barium	350	350	400	400	8200	MG/KG	198	130
Beryllium	7.2	14	72	590	320	MG/KG	0.391 J	0.25 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.856 J	1.07
Calcium	--	--	--	--	--	MG/KG	28000	48500
Chromium III	30	36	180	1500	190000	MG/KG	18	16
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.952 U	0.908 U
Chromium, Total	30	36	180	1500	190	MG/KG	18	15.7
Cobalt	--	--	--	--	22	MG/KG	5.79	5.3
Copper	50	270	270	270	36000	MG/KG	44.2	50.5
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	13900	14300
Lead	63	400	400	1000	450	MG/KG	475	395
Magnesium	--	--	--	--	--	MG/KG	2780	19500
Manganese	1600	2000	2000	10000	190000	MG/KG	343	288
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.819	0.271
Nickel	30	140	310	310	650	MG/KG	22	18.6
Potassium	--	--	--	--	--	MG/KG	819	929
Selenium	3.9	36	180	1500	26	MG/KG	0.279 J	0.537 J
Silver	2	36	180	1500	84	MG/KG	0.344 J	0.599 J
Sodium	--	--	--	--	--	MG/KG	330	283
Thallium	--	--	--	--	14	MG/KG	1.86 U	1.79 U
Vanadium	--	100	--	--	72000	MG/KG	27.6	19
Zinc	109	2200	10000	10000	12000	MG/KG	318	403

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	5210	8190	8850
Antimony	--	--	--	--	27	MG/KG	0.349 J	0.521 J	4.54 U
Arsenic	13	16	16	16	53	MG/KG	4.7	6.94	5.98
Barium	350	350	400	400	8200	MG/KG	172	186	106
Beryllium	7.2	14	72	590	320	MG/KG	0.276 J	0.36 J	0.399 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.919 U	0.322 J	0.907 U
Calcium	--	--	--	--	--	MG/KG	25400	23800	9890
Chromium III	30	36	180	1500	190000	MG/KG	16	19	20
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.944 U	0.959 U	0.941 U
Chromium, Total	30	36	180	1500	190	MG/KG	15.8	19.3	19.9
Cobalt	--	--	--	--	22	MG/KG	4.98	5.96	7.06
Copper	50	270	270	270	36000	MG/KG	48.8	47.5	46.3
Cyanide	27	27	27	27	200	MG/KG	0.31 J	1.1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	14500	14700	18900
Lead	63	400	400	1000	450	MG/KG	950	422	135
Magnesium	--	--	--	--	--	MG/KG	1970	3350	3240
Manganese	1600	2000	2000	10000	190000	MG/KG	286	354	323
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.26	0.282	0.468
Nickel	30	140	310	310	650	MG/KG	14.5	21.4	20.1
Potassium	--	--	--	--	--	MG/KG	699	882	761
Selenium	3.9	36	180	1500	26	MG/KG	0.423 J	0.853 J	0.354 J
Silver	2	36	180	1500	84	MG/KG	0.919 U	0.948 U	0.508 J
Sodium	--	--	--	--	--	MG/KG	397	343	248
Thallium	--	--	--	--	14	MG/KG	1.84 U	1.9 U	1.81 U
Vanadium	--	100	--	--	72000	MG/KG	16.8	24.9	27.3
Zinc	109	2200	10000	10000	12000	MG/KG	178	204	141

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:							06/25/2018	06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	9440	6620	7540
Antimony	--	--	--	--	27	MG/KG	1.34 J	1.72 J	4.27 U
Arsenic	13	16	16	16	53	MG/KG	10.1	9.8	12.3
Barium	350	350	400	400	8200	MG/KG	85.6	138	90
Beryllium	7.2	14	72	590	320	MG/KG	0.382 J	0.362 J	0.333 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.721 J	0.895	0.854 U
Calcium	--	--	--	--	--	MG/KG	10500	11400	15300
Chromium III	30	36	180	1500	190000	MG/KG	16	23	18
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.927 U	0.907 U	0.896 U
Chromium, Total	30	36	180	1500	190	MG/KG	16.2	22.6	18.4
Cobalt	--	--	--	--	22	MG/KG	5.23	5.9	3.83
Copper	50	270	270	270	36000	MG/KG	25.7	63.7	32.1
Cyanide	27	27	27	27	200	MG/KG	0.28 J	1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	13400	24400	11600
Lead	63	400	400	1000	450	MG/KG	101	137	146
Magnesium	--	--	--	--	--	MG/KG	2970	3120	2040
Manganese	1600	2000	2000	10000	190000	MG/KG	292	298	196
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.349	0.571	0.51
Nickel	30	140	310	310	650	MG/KG	15.2	39.8	16.2
Potassium	--	--	--	--	--	MG/KG	686	630	473
Selenium	3.9	36	180	1500	26	MG/KG	0.678 J	0.878 J	1.71 U
Silver	2	36	180	1500	84	MG/KG	0.869 U	0.861 U	0.854 U
Sodium	--	--	--	--	--	MG/KG	182	203	85.9 J
Thallium	--	--	--	--	14	MG/KG	1.74 U	1.72 U	1.71 U
Vanadium	--	100	--	--	72000	MG/KG	32.8	17.7	18.6
Zinc	109	2200	10000	10000	12000	MG/KG	103	270	137

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:							06/20/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	7420	10400	5920
Antimony	--	--	--	--	27	MG/KG	0.558 J	0.388 J	1.7 J
Arsenic	13	16	16	16	53	MG/KG	9.18	5.55	6
Barium	350	350	400	400	8200	MG/KG	103	74.4	185
Beryllium	7.2	14	72	590	320	MG/KG	0.441 J	0.502	0.326 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.9 U	0.682 J	1.17
Calcium	--	--	--	--	--	MG/KG	21100	3620	29200
Chromium III	30	36	180	1500	190000	MG/KG	12	14 J	16
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.905 U	0.293 J	0.943 U
Chromium, Total	30	36	180	1500	190	MG/KG	12.1	13.9	15.6
Cobalt	--	--	--	--	22	MG/KG	6.57	5.55	5.3
Copper	50	270	270	270	36000	MG/KG	167	16	54.5
Cyanide	27	27	27	27	200	MG/KG	1 U	1.2 U	1.2 U
Iron	--	--	--	--	190000	MG/KG	13400	13800	12200
Lead	63	400	400	1000	450	MG/KG	168	57.2	291
Magnesium	--	--	--	--	--	MG/KG	4940	2230	7270
Manganese	1600	2000	2000	10000	190000	MG/KG	296	482	443
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.234	0.218	0.366
Nickel	30	140	310	310	650	MG/KG	21.4	17.9	23.2
Potassium	--	--	--	--	--	MG/KG	776	494	818
Selenium	3.9	36	180	1500	26	MG/KG	1.8 U	1.9 U	1.81 U
Silver	2	36	180	1500	84	MG/KG	0.9 U	0.948 U	0.907 U
Sodium	--	--	--	--	--	MG/KG	298	83 J	377
Thallium	--	--	--	--	14	MG/KG	1.8 U	1.9 U	1.81 U
Vanadium	--	100	--	--	72000	MG/KG	26.5	20.6	18.6
Zinc	109	2200	10000	10000	12000	MG/KG	155	68.2	252

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 46-WC (0-9) 47-WC (0-9) 48-WC (0-9)							Sample Date: 06/22/2018 06/21/2018 06/21/2018		
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	6010	6150	6880
Antimony	--	--	--	--	27	MG/KG	1.49 J	0.52 J	0.899 J
Arsenic	13	16	16	16	53	MG/KG	9.22	4.48	5.06
Barium	350	350	400	400	8200	MG/KG	349	128	97.1
Beryllium	7.2	14	72	590	320	MG/KG	0.342 J	0.29 J	0.303 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	1.55	0.852 U	1.01 U
Calcium	--	--	--	--	--	MG/KG	34000	11100	3090
Chromium III	30	36	180	1500	190000	MG/KG	21	14	16
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.955 U	0.879 U	1.03 U
Chromium, Total	30	36	180	1500	190	MG/KG	21.3	14.5	15.8
Cobalt	--	--	--	--	22	MG/KG	5.73	5.73	7.06
Copper	50	270	270	270	36000	MG/KG	55.3	33.8	39.1
Cyanide	27	27	27	27	200	MG/KG	0.31 J	1 U	1.2 U
Iron	--	--	--	--	190000	MG/KG	19900	11300	15400
Lead	63	400	400	1000	450	MG/KG	1150	157	129
Magnesium	--	--	--	--	--	MG/KG	3360	2360	2080
Manganese	1600	2000	2000	10000	190000	MG/KG	763	258	270
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.935	0.297	0.375
Nickel	30	140	310	310	650	MG/KG	26.6	27	17.4
Potassium	--	--	--	--	--	MG/KG	724	578	825
Selenium	3.9	36	180	1500	26	MG/KG	0.453 J	0.366 J	2.02 U
Silver	2	36	180	1500	84	MG/KG	0.296 J	0.852 U	1.01 U
Sodium	--	--	--	--	--	MG/KG	374	328	83.3 J
Thallium	--	--	--	--	14	MG/KG	1.85 U	1.7 U	2.02 U
Vanadium	--	100	--	--	72000	MG/KG	35.1	18.3	22.8
Zinc	109	2200	10000	10000	12000	MG/KG	305	160	164

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:							06/25/2018	06/20/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	6960	6310	8220
Antimony	--	--	--	--	27	MG/KG	0.504 J	4.41 U	4.48 U
Arsenic	13	16	16	16	53	MG/KG	4.82	5.91	4.93
Barium	350	350	400	400	8200	MG/KG	139	259	59.6
Beryllium	7.2	14	72	590	320	MG/KG	0.313 J	0.265 J	0.331 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.868 U	0.883 U	0.896 U
Calcium	--	--	--	--	--	MG/KG	12300	22300	8750
Chromium III	30	36	180	1500	190000	MG/KG	16	14	12
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.912 U	0.906 U	0.94 U
Chromium, Total	30	36	180	1500	190	MG/KG	16	13.5	12.2
Cobalt	--	--	--	--	22	MG/KG	5.38	6	6.57
Copper	50	270	270	270	36000	MG/KG	40.8	45.2	33.6
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.1 U	1.2 U
Iron	--	--	--	--	190000	MG/KG	13900	15100	13500
Lead	63	400	400	1000	450	MG/KG	218	224	62.8
Magnesium	--	--	--	--	--	MG/KG	2850	6160	3180
Manganese	1600	2000	2000	10000	190000	MG/KG	294	207	252
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.328	0.342	0.183
Nickel	30	140	310	310	650	MG/KG	19.7	15	15.8
Potassium	--	--	--	--	--	MG/KG	910	656	560
Selenium	3.9	36	180	1500	26	MG/KG	0.46 J	0.344 J	1.79 U
Silver	2	36	180	1500	84	MG/KG	0.868 U	0.883 U	0.896 U
Sodium	--	--	--	--	--	MG/KG	206	104 J	95.4 J
Thallium	--	--	--	--	14	MG/KG	1.74 U	1.76 U	1.79 U
Vanadium	--	100	--	--	72000	MG/KG	24.6	26	26.8
Zinc	109	2200	10000	10000	12000	MG/KG	173	355	78.2

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 55-WC (0-9)							55-WC (0-9)	56-WC (0-9)	57-WC (0-9)
Sample Date: 06/21/2018							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	6440	5880	5370
Antimony	--	--	--	--	27	MG/KG	0.65 J	0.723 J	0.702 J
Arsenic	13	16	16	16	53	MG/KG	7.53	6.14	4.8
Barium	350	350	400	400	8200	MG/KG	113	259	111
Beryllium	7.2	14	72	590	320	MG/KG	0.299 J	0.261 J	0.231 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.264 J	0.871 U	0.154 J
Calcium	--	--	--	--	--	MG/KG	9220	18800	19300
Chromium III	30	36	180	1500	190000	MG/KG	18	17	14
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.898 U	0.899 U	0.888 U
Chromium, Total	30	36	180	1500	190	MG/KG	18.3	16.9	13.9
Cobalt	--	--	--	--	22	MG/KG	5.48	6.52	4.6
Copper	50	270	270	270	36000	MG/KG	48.5	85.8	34.7
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	12900	16200	10600
Lead	63	400	400	1000	450	MG/KG	227	281	166
Magnesium	--	--	--	--	--	MG/KG	2200	2200	3740
Manganese	1600	2000	2000	10000	190000	MG/KG	228	280	439
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.386	0.395	0.23
Nickel	30	140	310	310	650	MG/KG	18.8	36.5	17.6
Potassium	--	--	--	--	--	MG/KG	685	750	566
Selenium	3.9	36	180	1500	26	MG/KG	0.36 J	0.418 J	1.71 U
Silver	2	36	180	1500	84	MG/KG	0.879 U	0.871 U	0.856 U
Sodium	--	--	--	--	--	MG/KG	131 J	170 J	223
Thallium	--	--	--	--	14	MG/KG	1.76 U	1.74 U	1.71 U
Vanadium	--	100	--	--	72000	MG/KG	23	23	17.7
Zinc	109	2200	10000	10000	12000	MG/KG	278	346	149

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)
Sample Date:							06/21/2018	06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	5180	7020	5090
Antimony	--	--	--	--	27	MG/KG	4.16 U	4.26 U	2.51 J
Arsenic	13	16	16	16	53	MG/KG	4.63	5.24	5.66
Barium	350	350	400	400	8200	MG/KG	114	127	341
Beryllium	7.2	14	72	590	320	MG/KG	0.25 J	0.324 J	0.209 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.15 J	0.852 U	0.601 J
Calcium	--	--	--	--	--	MG/KG	6570	6680	39200
Chromium III	30	36	180	1500	190000	MG/KG	14	15	9.9
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.87 U	0.883 U	0.893 U
Chromium, Total	30	36	180	1500	190	MG/KG	13.5	15.3	9.93
Cobalt	--	--	--	--	22	MG/KG	5.29	5.54	4.35
Copper	50	270	270	270	36000	MG/KG	33.7	24.7	20.8
Cyanide	27	27	27	27	200	MG/KG	1 U	1.1 U	0.74 J
Iron	--	--	--	--	190000	MG/KG	15500	12400	9920
Lead	63	400	400	1000	450	MG/KG	206	153	596
Magnesium	--	--	--	--	--	MG/KG	1980	2600	2140
Manganese	1600	2000	2000	10000	190000	MG/KG	278	242	235
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.215	0.289	0.27
Nickel	30	140	310	310	650	MG/KG	21	21.8	13.3
Potassium	--	--	--	--	--	MG/KG	613	624	646
Selenium	3.9	36	180	1500	26	MG/KG	0.233 J	0.554 J	0.496 J
Silver	2	36	180	1500	84	MG/KG	0.832 U	0.852 U	0.87 U
Sodium	--	--	--	--	--	MG/KG	267	127 J	272
Thallium	--	--	--	--	14	MG/KG	1.66 U	1.7 U	1.74 U
Vanadium	--	100	--	--	72000	MG/KG	21.4	21.2	15.1
Zinc	109	2200	10000	10000	12000	MG/KG	209	136	330

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-63/66/62-WC (0-5)							X34-WC (9-18)	
Sample Date: 07/25/2018							06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	4620	11300
Antimony	--	--	--	--	27	MG/KG	4.49 J	4.98 U
Arsenic	13	16	16	16	53	MG/KG	7.6	3.94
Barium	350	350	400	400	8200	MG/KG	434	36.7
Beryllium	7.2	14	72	590	320	MG/KG	0.281 J	0.398 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	1.13	0.995 U
Calcium	--	--	--	--	--	MG/KG	12900	966
Chromium III	30	36	180	1500	190000	MG/KG	13	20 J
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.931 U	0.471 J
Chromium, Total	30	36	180	1500	190	MG/KG	13.1	20.3
Cobalt	--	--	--	--	22	MG/KG	5.43	4.58
Copper	50	270	270	270	36000	MG/KG	103	8.39
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.2 U
Iron	--	--	--	--	190000	MG/KG	13100	15600
Lead	63	400	400	1000	450	MG/KG	507	7.85
Magnesium	--	--	--	--	--	MG/KG	1840	1900
Manganese	1600	2000	2000	10000	190000	MG/KG	210	223
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.246	0.034 J
Nickel	30	140	310	310	650	MG/KG	12.8	18
Potassium	--	--	--	--	--	MG/KG	477	509
Selenium	3.9	36	180	1500	26	MG/KG	1.38 J	0.368 J
Silver	2	36	180	1500	84	MG/KG	0.906 U	0.995 U
Sodium	--	--	--	--	--	MG/KG	195	49 J
Thallium	--	--	--	--	14	MG/KG	1.81 U	1.99 U
Vanadium	--	100	--	--	72000	MG/KG	23.6	28.3
Zinc	109	2200	10000	10000	12000	MG/KG	312	22.3

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X35-WC (9-18) X36/X37-WC (9-14) X44-WC (9-18)							Sample Date: 06/25/2018 06/25/2018 06/22/2018		
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	7360	5570	8460
Antimony	--	--	--	--	27	MG/KG	4.74 U	4.8 U	0.397 J
Arsenic	13	16	16	16	53	MG/KG	4.04	1.63	3.43
Barium	350	350	400	400	8200	MG/KG	28.7	20.9	35.4
Beryllium	7.2	14	72	590	320	MG/KG	0.322 J	0.211 J	0.322 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.947 U	0.96 U	0.511 J
Calcium	--	--	--	--	--	MG/KG	1190	684	11800
Chromium III	30	36	180	1500	190000	MG/KG	16	14	15 J
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.982 U	0.99 U	0.339 J
Chromium, Total	30	36	180	1500	190	MG/KG	16.5	13.6	15.8
Cobalt	--	--	--	--	22	MG/KG	5.78	4.46	4.87
Copper	50	270	270	270	36000	MG/KG	13.3	9.02	14.4
Cyanide	27	27	27	27	200	MG/KG	1.2 U	1.2 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	13400	10600	11100
Lead	63	400	400	1000	450	MG/KG	16.5	6.56	28.1
Magnesium	--	--	--	--	--	MG/KG	2630	1970	4390
Manganese	1600	2000	2000	10000	190000	MG/KG	126	173	231
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.031 J	0.079 U	0.051 J
Nickel	30	140	310	310	650	MG/KG	32.3	26.8	25.2
Potassium	--	--	--	--	--	MG/KG	469	450	494
Selenium	3.9	36	180	1500	26	MG/KG	0.256 J	1.92 U	1.89 U
Silver	2	36	180	1500	84	MG/KG	0.947 U	0.96 U	0.946 U
Sodium	--	--	--	--	--	MG/KG	81.8 J	82.6 J	56.9 J
Thallium	--	--	--	--	14	MG/KG	1.89 U	1.92 U	1.89 U
Vanadium	--	100	--	--	72000	MG/KG	21.9	16.4	19.6
Zinc	109	2200	10000	10000	12000	MG/KG	30.2	22.9	51.2

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X45-WC (9-19)							X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)
Sample Date: 06/22/2018							06/22/2018	06/22/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	4050	4830	5520
Antimony	--	--	--	--	27	MG/KG	4.36 U	0.398 J	4.41 U
Arsenic	13	16	16	16	53	MG/KG	2.19	1.23	2.36
Barium	350	350	400	400	8200	MG/KG	17.7	28.9	16.2
Beryllium	7.2	14	72	590	320	MG/KG	0.2 J	0.22 J	0.221 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.453 J	0.406 J	0.883 U
Calcium	--	--	--	--	--	MG/KG	753	915	706
Chromium III	30	36	180	1500	190000	MG/KG	13	14	13
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.885 U	0.863 U	0.94 U
Chromium, Total	30	36	180	1500	190	MG/KG	12.8	14.1	12.9
Cobalt	--	--	--	--	22	MG/KG	5.12	5.38	4.54
Copper	50	270	270	270	36000	MG/KG	10.2	10.6	8.71
Cyanide	27	27	27	27	200	MG/KG	1 U	1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	9550	9410	9320
Lead	63	400	400	1000	450	MG/KG	14.2	15.9	10.2
Magnesium	--	--	--	--	--	MG/KG	1720	2360	1560
Manganese	1600	2000	2000	10000	190000	MG/KG	237	216	87.6
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.026 J	0.019 J	0.03 J
Nickel	30	140	310	310	650	MG/KG	26.3	29.8	18.9
Potassium	--	--	--	--	--	MG/KG	572	820	334
Selenium	3.9	36	180	1500	26	MG/KG	1.74 U	1.69 U	1.76 U
Silver	2	36	180	1500	84	MG/KG	0.871 U	0.847 U	0.883 U
Sodium	--	--	--	--	--	MG/KG	60.7 J	60.8 J	54.9 J
Thallium	--	--	--	--	14	MG/KG	1.74 U	1.69 U	1.76 U
Vanadium	--	100	--	--	72000	MG/KG	17.6	16.4	19.2
Zinc	109	2200	10000	10000	12000	MG/KG	37.2	35.7	40.3

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X48/X58-WC (9-14)							X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)
Sample Date: 06/21/2018							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	5380	5540	6950
Antimony	--	--	--	--	27	MG/KG	0.678 J	0.793 J	4.59 U
Arsenic	13	16	16	16	53	MG/KG	7.14	4.25	4.1
Barium	350	350	400	400	8200	MG/KG	135	34.6	49.9
Beryllium	7.2	14	72	590	320	MG/KG	0.246 J	0.277 J	0.285 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.88 U	0.955 U	0.918 U
Calcium	--	--	--	--	--	MG/KG	4800	1410	3900
Chromium III	30	36	180	1500	190000	MG/KG	18	13	18
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.915 U	0.966 U	0.979 U
Chromium, Total	30	36	180	1500	190	MG/KG	17.8	12.7	18.3
Cobalt	--	--	--	--	22	MG/KG	5.38	5.22	6.44
Copper	50	270	270	270	36000	MG/KG	237	17.6	21.3
Cyanide	27	27	27	27	200	MG/KG	0.27 J	1.1 U	1.1 U
Iron	--	--	--	--	190000	MG/KG	32300	11800	19100
Lead	63	400	400	1000	450	MG/KG	220	87	65
Magnesium	--	--	--	--	--	MG/KG	2020	2130	2680
Manganese	1600	2000	2000	10000	190000	MG/KG	274	167	230
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.109	0.047 J	0.08
Nickel	30	140	310	310	650	MG/KG	23.1	22	27.2
Potassium	--	--	--	--	--	MG/KG	404	435	723
Selenium	3.9	36	180	1500	26	MG/KG	1.76 U	1.91 U	1.84 U
Silver	2	36	180	1500	84	MG/KG	0.88 U	0.955 U	0.918 U
Sodium	--	--	--	--	--	MG/KG	253	55.2 J	95.6 J
Thallium	--	--	--	--	14	MG/KG	1.76 U	1.91 U	1.84 U
Vanadium	--	100	--	--	72000	MG/KG	19.4	19.9	27.1
Zinc	109	2200	10000	10000	12000	MG/KG	253	50.8	78.3

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (9-19) X57-WC (9-19) DL-61-E-5 (2.5-3)							Sample Date: 06/21/2018 06/21/2018 08/31/2018		
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aluminum	--	--	--	--	190000	MG/KG	6120	8960	NA
Antimony	--	--	--	--	27	MG/KG	4.88 U	4.66 U	NA
Arsenic	13	16	16	16	53	MG/KG	2.2	3.06	NA
Barium	350	350	400	400	8200	MG/KG	20.9	46.2	NA
Beryllium	7.2	14	72	590	320	MG/KG	0.273 J	0.298 J	NA
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.976 U	0.931 U	NA
Calcium	--	--	--	--	--	MG/KG	665	2540	NA
Chromium III	30	36	180	1500	190000	MG/KG	18	17	NA
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.978 U	0.944 U	NA
Chromium, Total	30	36	180	1500	190	MG/KG	17.7	17.2	NA
Cobalt	--	--	--	--	22	MG/KG	5.35	5.16	NA
Copper	50	270	270	270	36000	MG/KG	11.1	11.3	NA
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1.1 U	NA
Iron	--	--	--	--	190000	MG/KG	11800	11400	NA
Lead	63	400	400	1000	450	MG/KG	8.95	31.8	530
Magnesium	--	--	--	--	--	MG/KG	3110	2250	NA
Manganese	1600	2000	2000	10000	190000	MG/KG	227	126	NA
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.02 J	0.127	NA
Nickel	30	140	310	310	650	MG/KG	27.6	20	NA
Potassium	--	--	--	--	--	MG/KG	412	475	NA
Selenium	3.9	36	180	1500	26	MG/KG	1.95 U	1.86 U	NA
Silver	2	36	180	1500	84	MG/KG	0.976 U	0.931 U	NA
Sodium	--	--	--	--	--	MG/KG	55.3 J	68.4 J	NA
Thallium	--	--	--	--	14	MG/KG	1.95 U	1.86 U	NA
Vanadium	--	100	--	--	72000	MG/KG	21.3	22.2	NA
Zinc	109	2200	10000	10000	12000	MG/KG	25.6	39.1	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:						08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aluminum	--	--	--	--	190000	MG/KG	NA
Antimony	--	--	--	--	27	MG/KG	NA
Arsenic	13	16	16	16	53	MG/KG	NA
Barium	350	350	400	400	8200	MG/KG	NA
Beryllium	7.2	14	72	590	320	MG/KG	NA
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	NA
Calcium	--	--	--	--	--	MG/KG	NA
Chromium III	30	36	180	1500	190000	MG/KG	NA
Chromium, Hexavalent	1	22	110	400	190	MG/KG	NA
Chromium, Total	30	36	180	1500	190	MG/KG	NA
Cobalt	--	--	--	--	22	MG/KG	NA
Copper	50	270	270	270	36000	MG/KG	NA
Cyanide	27	27	27	27	200	MG/KG	NA
Iron	--	--	--	--	190000	MG/KG	NA
Lead	63	400	400	1000	450	MG/KG	18.9
Magnesium	--	--	--	--	--	MG/KG	NA
Manganese	1600	2000	2000	10000	190000	MG/KG	NA
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	NA
Nickel	30	140	310	310	650	MG/KG	NA
Potassium	--	--	--	--	--	MG/KG	NA
Selenium	3.9	36	180	1500	26	MG/KG	NA
Silver	2	36	180	1500	84	MG/KG	NA
Sodium	--	--	--	--	--	MG/KG	NA
Thallium	--	--	--	--	14	MG/KG	NA
Vanadium	--	100	--	--	72000	MG/KG	NA
Zinc	109	2200	10000	10000	12000	MG/KG	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-N-5 (6.5-7)							DL-61-S-5 (2.5-3)
Sample Date: 08/31/2018							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aluminum	--	--	--	--	190000	MG/KG	NA
Antimony	--	--	--	--	27	MG/KG	NA
Arsenic	13	16	16	16	53	MG/KG	NA
Barium	350	350	400	400	8200	MG/KG	NA
Beryllium	7.2	14	72	590	320	MG/KG	NA
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	NA
Calcium	--	--	--	--	--	MG/KG	NA
Chromium III	30	36	180	1500	190000	MG/KG	NA
Chromium, Hexavalent	1	22	110	400	190	MG/KG	NA
Chromium, Total	30	36	180	1500	190	MG/KG	NA
Cobalt	--	--	--	--	22	MG/KG	NA
Copper	50	270	270	270	36000	MG/KG	NA
Cyanide	27	27	27	27	200	MG/KG	NA
Iron	--	--	--	--	190000	MG/KG	NA
Lead	63	400	400	1000	450	MG/KG	25.3
Magnesium	--	--	--	--	--	MG/KG	NA
Manganese	1600	2000	2000	10000	190000	MG/KG	NA
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	NA
Nickel	30	140	310	310	650	MG/KG	NA
Potassium	--	--	--	--	--	MG/KG	NA
Selenium	3.9	36	180	1500	26	MG/KG	NA
Silver	2	36	180	1500	84	MG/KG	NA
Sodium	--	--	--	--	--	MG/KG	NA
Thallium	--	--	--	--	14	MG/KG	NA
Vanadium	--	100	--	--	72000	MG/KG	NA
Zinc	109	2200	10000	10000	12000	MG/KG	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-S-5 (6.5-7)							DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)
Sample Date: 08/31/2018							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	NA	NA
Antimony	--	--	--	--	27	MG/KG	NA	NA
Arsenic	13	16	16	16	53	MG/KG	NA	NA
Barium	350	350	400	400	8200	MG/KG	NA	NA
Beryllium	7.2	14	72	590	320	MG/KG	NA	NA
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	NA	NA
Calcium	--	--	--	--	--	MG/KG	NA	NA
Chromium III	30	36	180	1500	190000	MG/KG	NA	NA
Chromium, Hexavalent	1	22	110	400	190	MG/KG	NA	NA
Chromium, Total	30	36	180	1500	190	MG/KG	NA	NA
Cobalt	--	--	--	--	22	MG/KG	NA	NA
Copper	50	270	270	270	36000	MG/KG	NA	NA
Cyanide	27	27	27	27	200	MG/KG	NA	NA
Iron	--	--	--	--	190000	MG/KG	NA	NA
Lead	63	400	400	1000	450	MG/KG	85.5	1410
Magnesium	--	--	--	--	--	MG/KG	NA	NA
Manganese	1600	2000	2000	10000	190000	MG/KG	NA	NA
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	NA	NA
Nickel	30	140	310	310	650	MG/KG	NA	NA
Potassium	--	--	--	--	--	MG/KG	NA	NA
Selenium	3.9	36	180	1500	26	MG/KG	NA	NA
Silver	2	36	180	1500	84	MG/KG	NA	NA
Sodium	--	--	--	--	--	MG/KG	NA	NA
Thallium	--	--	--	--	14	MG/KG	NA	NA
Vanadium	--	100	--	--	72000	MG/KG	NA	NA
Zinc	109	2200	10000	10000	12000	MG/KG	NA	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-W-5 (6.5-7)							DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date: 08/31/2018							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	NA	5520
Antimony	--	--	--	--	27	MG/KG	NA	4.38 U
Arsenic	13	16	16	16	53	MG/KG	NA	7.72
Barium	350	350	400	400	8200	MG/KG	NA	786
Beryllium	7.2	14	72	590	320	MG/KG	NA	0.28 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	NA	0.876 U
Calcium	--	--	--	--	--	MG/KG	NA	3460
Chromium III	30	36	180	1500	190000	MG/KG	NA	21
Chromium, Hexavalent	1	22	110	400	190	MG/KG	NA	0.915 U
Chromium, Total	30	36	180	1500	190	MG/KG	NA	20.7
Cobalt	--	--	--	--	22	MG/KG	NA	5.6
Copper	50	270	270	270	36000	MG/KG	NA	139
Cyanide	27	27	27	27	200	MG/KG	NA	1.1 U
Iron	--	--	--	--	190000	MG/KG	NA	53000
Lead	63	400	400	1000	450	MG/KG	59.7	1270
Magnesium	--	--	--	--	--	MG/KG	NA	1420
Manganese	1600	2000	2000	10000	190000	MG/KG	NA	264
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	NA	0.772
Nickel	30	140	310	310	650	MG/KG	NA	20.2
Potassium	--	--	--	--	--	MG/KG	NA	443
Selenium	3.9	36	180	1500	26	MG/KG	NA	0.263 J
Silver	2	36	180	1500	84	MG/KG	NA	0.289 J
Sodium	--	--	--	--	--	MG/KG	NA	61.9 J
Thallium	--	--	--	--	14	MG/KG	NA	1.75 U
Vanadium	--	100	--	--	72000	MG/KG	NA	19.9
Zinc	109	2200	10000	10000	12000	MG/KG	NA	614

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-63-WC (0-5)							DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date: 08/31/2018							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aluminum	--	--	--	--	190000	MG/KG	8220	7840
Antimony	--	--	--	--	27	MG/KG	1.24 J	1.04 J
Arsenic	13	16	16	16	53	MG/KG	4.86	5.51
Barium	350	350	400	400	8200	MG/KG	74.2	147
Beryllium	7.2	14	72	590	320	MG/KG	0.356 J	0.358 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.89 U	0.874 U
Calcium	--	--	--	--	--	MG/KG	3960	4080
Chromium III	30	36	180	1500	190000	MG/KG	16	16
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.908 U	0.909 U
Chromium, Total	30	36	180	1500	190	MG/KG	15.9	15.7
Cobalt	--	--	--	--	22	MG/KG	5.32	4.53
Copper	50	270	270	270	36000	MG/KG	29.7	29
Cyanide	27	27	27	27	200	MG/KG	1.1 U	1 U
Iron	--	--	--	--	190000	MG/KG	15100	13200
Lead	63	400	400	1000	450	MG/KG	85.9	153
Magnesium	--	--	--	--	--	MG/KG	3630	1970
Manganese	1600	2000	2000	10000	190000	MG/KG	236	213
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.087	0.146
Nickel	30	140	310	310	650	MG/KG	16.1	16.8
Potassium	--	--	--	--	--	MG/KG	1400	515
Selenium	3.9	36	180	1500	26	MG/KG	0.276 J	1.75 U
Silver	2	36	180	1500	84	MG/KG	0.89 U	0.874 U
Sodium	--	--	--	--	--	MG/KG	124 J	79.9 J
Thallium	--	--	--	--	14	MG/KG	1.78 U	1.75 U
Vanadium	--	100	--	--	72000	MG/KG	21.9	22.1
Zinc	109	2200	10000	10000	12000	MG/KG	77.7	127

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)						Sample Date: 08/31/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aluminum	--	--	--	--	190000	MG/KG	7150
Antimony	--	--	--	--	27	MG/KG	1.29 J
Arsenic	13	16	16	16	53	MG/KG	3.08
Barium	350	350	400	400	8200	MG/KG	58.6
Beryllium	7.2	14	72	590	320	MG/KG	0.344 J
Cadmium	2.5	2.5	4.3	9.3	38	MG/KG	0.861 U
Calcium	--	--	--	--	--	MG/KG	3520
Chromium III	30	36	180	1500	190000	MG/KG	18 J
Chromium, Hexavalent	1	22	110	400	190	MG/KG	0.213 J
Chromium, Total	30	36	180	1500	190	MG/KG	18.5
Cobalt	--	--	--	--	22	MG/KG	5.79
Copper	50	270	270	270	36000	MG/KG	20
Cyanide	27	27	27	27	200	MG/KG	0.28 J
Iron	--	--	--	--	190000	MG/KG	19000
Lead	63	400	400	1000	450	MG/KG	108
Magnesium	--	--	--	--	--	MG/KG	1640
Manganese	1600	2000	2000	10000	190000	MG/KG	336
Mercury	0.18	0.81	0.81	2.8	10	MG/KG	0.17
Nickel	30	140	310	310	650	MG/KG	17
Potassium	--	--	--	--	--	MG/KG	755
Selenium	3.9	36	180	1500	26	MG/KG	1.72 U
Silver	2	36	180	1500	84	MG/KG	0.861 U
Sodium	--	--	--	--	--	MG/KG	134 J
Thallium	--	--	--	--	14	MG/KG	1.72 U
Vanadium	--	100	--	--	72000	MG/KG	25.2
Zinc	109	2200	10000	10000	12000	MG/KG	83.8

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							1/2-WC (0-12)	3/4-WC (0-10)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	39.6 U	37.9 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	39.6 U	37.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	39.6 U	37.9 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	39.6 U	37.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	39.6 U	37.9 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	39.6 U	37.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	60	8.85 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	39.6 U	37.9 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	39.6 U	37.9 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	60	8.85 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 5/6-WC (0-12)							7/8-WC (0-12)
Sample Date: 06/18/2018							06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.7 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	40.2 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.7 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	40.2 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.7 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	40.2 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	4.32 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36.7 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	40.2 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	4.32 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	40.2 U	37.7 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	40.2 U	37.7 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	40.2 U	37.7 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	40.2 U	37.7 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	40.2 U	37.7 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	40.2 U	37.7 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	15.6 J	37 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	40.2 U	37.7 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	7.08 J	44.3
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	22.7 J	81.3 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 13/14-WC (0-10)							15/16-WC (0-10)
Sample Date: 06/20/2018							06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.8 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	35.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.8 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	35.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.8 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	35.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	11.4 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	5.74 J
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	36.8 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	4.61 J
							16 J
							5.74 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							17/27-WC (0-11)	20/30-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	37 U	39.3 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	37 U	39.3 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	37 U	39.3 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	37 U	39.3 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	37 U	39.3 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	357	39.3 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	37 U	7.54 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	37 U	39.3 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	37 U	39.3 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	357	7.54 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							21-WC (0-8)	22/31-WC (0-11)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.3 U	35.2 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	36.3 U	35.2 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.3 U	35.2 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	36.3 U	35.2 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.3 U	35.2 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	36.3 U	35.2 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	16.4 J	3.69 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36.3 U	35.2 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	36.3 U	35.2 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	16.4 J	3.69 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 23/24-WC (0-11)							25/26-WC (0-10)
Sample Date: 06/20/2018							06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	38.1 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	38.1 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	38.1 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	38.1 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	38.1 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	38.1 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	23.2 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	38.1 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	9.69 J
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	32.9 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)
Sample Date:							06/20/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	16.7 J	8.51 J	37.7 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	37.5 U	35.9 U	37.7 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	5.68 J	6.48 J	37.7 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	22.4 J	15 J	37.7 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	7.59 J	9.9 J	38.3 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	39.6 U	37.1 U	38.3 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	4.46 J	37.1 U	38.3 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	12.1 J	9.9 J	38.3 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 40-WC (0-12)							41/51-WC (0-10)
Sample Date: 06/26/2018							06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	37 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	37 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	37 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	37 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	37 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	37 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	37 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	37 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	37 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	37 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)
Sample Date:							06/20/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	77.4	39.8 U	18.9 J
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	31.9 J	5.74 J	18.6 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36.4 U	39.8 U	38.2 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	10.3 J	39.8 U	12.6 J
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	120 J	5.74 J	50.1 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:							06/22/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	22.9 J	16.2 J	13 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	38.5 U	34.4 U	41.3 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	6.86 J	14.2 J	41.3 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	29.8 J	30.4 J	13 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:							06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.2 U	36.6 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	36.2 U	36.6 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.2 U	36.6 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	36.2 U	36.6 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.2 U	36.6 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	36.2 U	36.6 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	49.2	10.1 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36.2 U	36.6 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	36.2 U	3.52 J
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	49.2	13.6 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							54-WC (0-9)	55-WC (0-9)	56-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	37.6 U	36 U	37 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	37.6 U	36 U	37 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	37.6 U	36 U	37 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	37.6 U	36 U	37 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	37.6 U	36 U	37 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	37.6 U	36 U	37 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	37.6 U	21.1 J	37 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	37.6 U	36 U	37 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	37.6 U	10.4 J	37 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	37.6 U	31.5 J	37 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							57-WC (0-9)	58-WC (0-9)	59/60-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	37 U	35.3 U	35.9 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	37 U	35.3 U	35.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	37 U	35.3 U	35.9 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	37 U	35.3 U	35.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	37 U	35.3 U	35.9 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	37 U	35.3 U	35.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	15 J	17.4 J	23.1 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	37 U	35.3 U	35.9 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	37 U	23.3 J	35.9 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	15 J	40.7 J	23.1 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)							DL-63/66/62-WC (0-5)	
Sample Date: 06/26/2018							07/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36 U	37.9 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	36 U	37.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36 U	37.9 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	36 U	37.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36 U	37.9 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	36 U	37.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	11.4 J	5 J
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36 U	37.9 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	6.51 J	37.9 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	17.9 J	5 J

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X34-WC (9-18) X35-WC (9-18)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	42.8 U	39.9 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	42.8 U	39.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	42.8 U	39.9 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	42.8 U	39.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	42.8 U	39.9 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	42.8 U	39.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	42.8 U	39.9 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	42.8 U	39.9 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	42.8 U	39.9 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	42.8 U	39.9 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X36/X37-WC (9-14)							X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date: 06/25/2018							06/25/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	40.6 U	38.8 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	40.6 U	38.8 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	40.6 U	38.8 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	40.6 U	38.8 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	40.6 U	38.8 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	40.6 U	38.8 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	40.6 U	38.8 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	40.6 U	38.8 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	40.6 U	38.8 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	40.6 U	38.8 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X45-WC (9-19)							X46-WC (9-19)
Sample Date: 06/22/2018							06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.2 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	35.9 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.2 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	35.9 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.2 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	35.9 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	36.2 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	35.9 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	36.2 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	35.9 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X47-WC (9-19)	X48/X58-WC (9-14)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	380 U	36.1 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	380 U	36.1 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	380 U	36.1 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	380 U	36.1 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	380 U	36.1 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	380 U	36.1 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	380 U	36.1 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	380 U	36.1 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	380 U	36.1 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	380 U	36.1 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X54-WC (9-19)							X55-WC (9-19)
Sample Date: 06/21/2018							06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	384 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	384 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	384 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	384 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	384 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	384 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	384 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	384 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	384 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	384 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X56-WC (9-19) X57-WC (9-19)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	392 U	378 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	392 U	378 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	392 U	378 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	392 U	378 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	392 U	378 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	392 U	378 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	392 U	378 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	392 U	378 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	392 U	378 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	392 U	378 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-62-WC (0-5)	DL-63-WC (0-5)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	38 U	36.4 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	38 U	36.4 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	38 U	36.4 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	38 U	36.4 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	38 U	36.4 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	38 U	36.4 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	38 U	36.4 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	38 U	36.4 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	8.26 J	36.4 U
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	8.26 J	36.4 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
PCB-1016 (Aroclor 1016)	--	--	--	--	200000	UG/KG	36.7 U	36 U
PCB-1221 (Aroclor 1221)	--	--	--	--	2500	UG/KG	36.7 U	36 U
PCB-1232 (Aroclor 1232)	--	--	--	--	2000	UG/KG	36.7 U	36 U
PCB-1242 (Aroclor 1242)	--	--	--	--	62000	UG/KG	36.7 U	36 U
PCB-1248 (Aroclor 1248)	--	--	--	--	44000	UG/KG	36.7 U	36 U
PCB-1254 (Aroclor 1254)	--	--	--	--	44000	UG/KG	36.7 U	36 U
PCB-1260 (Aroclor 1260)	--	--	--	--	130000	UG/KG	36.7 U	36 U
PCB-1262 (Aroclor 1262)	--	--	--	--	--	UG/KG	36.7 U	36 U
PCB-1268 (Aroclor 1268)	--	--	--	--	--	UG/KG	3.96 J	10.9 J
Polychlorinated Biphenyl (PCBs)	100	1000	1000	1000	--	UG/KG	3.96 J	10.9 J

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	1/2-WC (0-12)	3/4-WC (0-10)
						Sample Date:	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	37.6 U	1.76 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	15.7 U	0.734 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	37.6 U	1.76 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	37.6 U	1.76 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	37.6 U	1.76 U
Chlordane	--	--	--	--	49000	UG/KG	306 U	14.3 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	47 U	2.72
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	37.6 U	1.76 U
Dieldrin	5	39	200	1400	440	UG/KG	23.5 U	1.1 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	15.7 U	0.734 U
Endrin	14	2200	11000	89000	5500	UG/KG	15.7 U	0.734 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	47 U	2.2 U
Endrin Ketone	--	--	--	--	--	UG/KG	37.6 U	1.76 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	15.7 U	0.734 U
Heptachlor	42	420	2100	15000	680	UG/KG	18.8 U	0.881 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	70.5 U	3.3 U
Methoxychlor	--	--	--	--	630000	UG/KG	70.5 U	3.3 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	37.6 U	1.84
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	37.6 U	2.72
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	70.5 U	4.79 P
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	705 U	33 U
trans-Chlordane	--	--	--	--	--	UG/KG	47 U	6.19 PI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	5/6-WC (0-12)	7/8-WC (0-12)
						Sample Date:	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	8.83 U	1.9 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	3.68 U	0.792 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	8.83 U	1.9 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	8.83 U	1.9 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	8.83 U	1.61 JPI
Chlordane	--	--	--	--	49000	UG/KG	71.7 U	15.4 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	11 U	2.38 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	8.83 U	1.9 U
Dieldrin	5	39	200	1400	440	UG/KG	5.52 U	1.19 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	3.68 U	0.792 U
Endrin	14	2200	11000	89000	5500	UG/KG	3.68 U	0.792 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	11 U	2.38 U
Endrin Ketone	--	--	--	--	--	UG/KG	8.83 U	1.9 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	3.68 U	0.792 U
Heptachlor	42	420	2100	15000	680	UG/KG	4.41 U	0.95 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	16.5 U	1.6 J
Methoxychlor	--	--	--	--	630000	UG/KG	16.5 U	3.56 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	8.83 U	1.9 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	8.83 U	1.9 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	16.5 U	3.56 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	160 U
Toxaphene	--	--	--	--	1200	UG/KG	165 U	35.6 U
trans-Chlordane	--	--	--	--	--	UG/KG	11 U	2.38 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	9/10-WC (0-12)	11/12-WC (0-12)
						Sample Date:	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	19.3 U	17.6 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	8.04 U	7.34 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	19.3 U	17.6 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	19.3 U	17.6 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	19.3 U	17.6 U
Chlordane	--	--	--	--	49000	UG/KG	157 U	143 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	24.1 U	22 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	19.3 U	17.6 U
Dieldrin	5	39	200	1400	440	UG/KG	12.1 U	11 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	8.04 U	7.34 U
Endrin	14	2200	11000	89000	5500	UG/KG	8.04 U	7.34 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	24.1 U	22 U
Endrin Ketone	--	--	--	--	--	UG/KG	19.3 U	17.6 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	8.04 U	7.34 U
Heptachlor	42	420	2100	15000	680	UG/KG	9.65 U	8.81 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	36.2 U	33 U
Methoxychlor	--	--	--	--	630000	UG/KG	36.2 U	33 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	19.3 U	12.6 J
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	19.3 U	17.6 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	16.9 J	58.9
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	362 U	330 U
trans-Chlordane	--	--	--	--	--	UG/KG	24.1 U	22 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:						06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	1.79 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.747 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.79 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.79 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.83 PI
Chlordane	--	--	--	--	49000	UG/KG	14.6 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.24 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.79 U
Dieldrin	5	39	200	1400	440	UG/KG	1.12 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.747 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.747 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.24 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.79 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.747 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.896 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.36 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.36 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	2.95
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	4.98 P
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	13.6 P
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33.6 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.24 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	17/27-WC (0-11)	20/30-WC (0-8)
						Sample Date:	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.82 U	1.81 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.757 U	0.754 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.82 U	1.81 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.82 U	1.81 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.82 U	1.81 U
Chlordane	--	--	--	--	49000	UG/KG	14.8 U	14.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.27 U	2.08 J
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.82 U	1.81 U
Dieldrin	5	39	200	1400	440	UG/KG	1.14 U	1.13 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.757 U	0.754 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.757 U	0.754 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.27 U	2.26 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.82 U	1.81 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.757 U	0.754 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.909 U	0.905 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.41 U	3.39 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.41 U	3.39 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	10.1	5.17 P
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	61.6	13.7
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	142	35.9
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	34.1 U	33.9 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.27 U	2.26 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	21-WC (0-8)	22/31-WC (0-11)
						Sample Date:	06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.75 U	1.68 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.728 U	0.702 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.75 U	1.68 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.75 U	1.68 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.75 U	1.68 U
Chlordane	--	--	--	--	49000	UG/KG	14.2 U	13.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	36.2	2.1 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.75 U	1.68 U
Dieldrin	5	39	200	1400	440	UG/KG	1.09 U	1.05 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.728 U	0.702 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.728 U	0.702 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.18 U	2.1 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.75 U	1.68 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.728 U	0.702 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.874 U	0.842 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	5.32	3.16 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.28 U	3.16 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	24.4	1.68 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	103	1.68 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	254	1.7 JPI
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	140 U
Toxaphene	--	--	--	--	1200	UG/KG	32.8 U	31.6 U
trans-Chlordane	--	--	--	--	--	UG/KG	30.8 PI	2.1 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	23/24-WC (0-11)	25/26-WC (0-10)
						Sample Date:	06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.83 U	1.79 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.763 U	0.747 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.83 U	1.79 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.83 U	1.79 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.83 U	1.52 JPI
Chlordane	--	--	--	--	49000	UG/KG	14.9 U	14.6 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.49 PI	3.82
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.83 U	1.79 U
Dieldrin	5	39	200	1400	440	UG/KG	1.14 U	1.12 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.763 U	0.747 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.763 U	0.747 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.29 U	2.24 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.83 U	1.79 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.763 U	0.747 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.916 U	0.896 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.43 U	3.36 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.43 U	3.36 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.83 U	1.79 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	3.27	2.32 P
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	5.75	10.6
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	34.3 U	33.6 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.29 U	0.661 JPI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	32/33-WC (0-11)	34-WC (0-9)
						Sample Date:	06/20/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.78 U	1.78 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.742 U	0.743 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.78 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.78 U	1.78 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.78 U
Chlordane	--	--	--	--	49000	UG/KG	14.5 U	14.5 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.23 U	2.23 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.78 U	1.78 U
Dieldrin	5	39	200	1400	440	UG/KG	1.11 U	1.11 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.742 U	0.743 U
Endrin	14	2200	11000	89000	5500	UG/KG	12.7 PI	0.743 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.23 U	2.23 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.78 U	1.78 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.742 U	0.743 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.89 U	0.891 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.34 U	3.34 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.34 U	3.34 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.78 U	5.69
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	6.28	1.78 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	3.34 U	34.2
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33.4 U	33.4 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.23 U	2.23 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	5	19	97	680	440	UG/KG	1.86 U	1.86 U	1.8 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.776 U	0.777 U	0.751 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.86 U	1.86 U	1.8 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.86 U	1.86 U	1.8 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.86 U	1.86 U	1.8 U
Chlordane	--	--	--	--	49000	UG/KG	15.1 U	15.2 U	34.3
cis-Chlordane	94	910	4200	24000	--	UG/KG	1.7 J	1.6 J	3.97
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.86 U	1.86 U	1.8 U
Dieldrin	5	39	200	1400	440	UG/KG	1.49	1.06 J	1.46 P
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.776 U	0.777 U	0.751 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.776 U	0.777 U	0.751 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.33 U	2.33 U	2.25 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.86 U	1.86 U	1.8 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.776 U	0.777 U	0.751 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.931 U	0.932 U	0.902 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.49 U	3.5 U	3.38 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.49 U	3.5 U	3.38 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	12.1 P	1.87	6.22
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	11	4.51	15.4
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	55.6	15.7	54.6
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	160 U	160 U
Toxaphene	--	--	--	--	1200	UG/KG	34.9 U	35 U	33.8 U
trans-Chlordane	--	--	--	--	--	UG/KG	1.19 JPI	2.33 U	2.65

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	38/39-WC (0-8)	40-WC (0-12)
						Sample Date:	06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.78 U	1.75 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.74 U	0.728 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.75 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.78 U	1.75 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.75 U
Chlordane	--	--	--	--	49000	UG/KG	14.4 U	14.2 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.31	7.16 P
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.78 U	1.75 U
Dieldrin	5	39	200	1400	440	UG/KG	1.11 U	1.09 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.74 U	0.728 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.74 U	0.728 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.22 U	2.18 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.78 U	1.75 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.74 U	0.728 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.888 U	0.874 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.33 U	3.28 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.33 U	3.28 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	6.65	8.62
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	86.4	55.4
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	111	66.2
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33.3 U	32.8 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.46 P	2.18 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						41/51-WC (0-10)	42/43-WC (0-10)
Sample Date:						06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	1.72 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.716 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.72 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.72 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.72 U
Chlordane	--	--	--	--	49000	UG/KG	14 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	1.82 J
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.72 U
Dieldrin	5	39	200	1400	440	UG/KG	1.07 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.716 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.716 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.15 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.72 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.716 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.859 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.22 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.22 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.72 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	3.11
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	4.41
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Toxaphene	--	--	--	--	1200	UG/KG	32.2 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.15 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							44-WC (0-9)	45-WC (0-9)	46-WC (0-9)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	5	19	97	680	440	UG/KG	1.91 U	1.84 U	1.86 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.796 U	0.766 U	0.773 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.91 U	1.84 U	1.86 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.91 U	1.84 U	1.86 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.91 U	0.843 JPI	0.933 JPI
Chlordane	--	--	--	--	49000	UG/KG	15.5 U	14.9 U	15.1 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.39 U	1.49 JPI	2.24 J
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.91 U	1.84 U	1.86 U
Dieldrin	5	39	200	1400	440	UG/KG	0.737 J	1.61 P	1.76 PI
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.796 U	0.766 U	0.773 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.796 U	0.766 U	0.773 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.39 U	2.3 U	2.32 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.91 U	1.84 U	1.86 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.796 U	0.766 U	0.773 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.955 U	0.919 U	0.928 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.58 U	1.63 J	1.62 J
Methoxychlor	--	--	--	--	630000	UG/KG	3.58 U	3.45 U	3.48 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.91 U	5.07	2.06
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	0.985 J	12.7	5.65
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	1.95 J	44.9	22.6
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	160 U	160 U
Toxaphene	--	--	--	--	1200	UG/KG	35.8 U	34.5 U	34.8 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.39 U	2.17 JPI	1.22 JPI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	47-WC (0-9)	48-WC (0-9)
						Sample Date:	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.74 U	1.94 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.726 U	0.807 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.74 U	1.94 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.74 U	1.94 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.74 U	1.94 U
Chlordane	--	--	--	--	49000	UG/KG	14.2 U	15.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	22.9 P	2.42 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.74 U	1.94 U
Dieldrin	5	39	200	1400	440	UG/KG	1.09 U	1.21 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.726 U	0.807 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.726 U	0.807 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.18 U	2.42 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.74 U	1.94 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.726 U	0.807 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.871 U	0.969 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.27 U	3.63 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.27 U	3.63 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	14.1	1.5 J
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	34.9	3.5
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	90.5	9.08
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	290 U	170 U
Toxaphene	--	--	--	--	1200	UG/KG	32.7 U	36.3 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.18 U	2.42 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	49/50-WC (0-9)	52/53-WC (0-8)
						Sample Date:	06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.76 U	1.81 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.732 U	0.753 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.76 U	1.81 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.76 U	1.81 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.76 U	1.81 U
Chlordane	--	--	--	--	49000	UG/KG	14.3 U	14.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	1.98 J	5.16
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.76 U	1.81 U
Dieldrin	5	39	200	1400	440	UG/KG	1.1 U	1.13 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.732 U	0.753 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.732 U	0.753 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.2 U	2.26 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.76 U	1.81 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.732 U	0.753 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.879 U	0.904 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.3 U	2.1 J
Methoxychlor	--	--	--	--	630000	UG/KG	3.3 U	3.39 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	5.38	1.93
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	31.8	1.54 J
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	92.1	3.26 J
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33 U	33.9 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.2 U	5.74 PI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)
						Sample Date:	06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Aldrin	5	19	97	680	440	UG/KG	1.82 U	1.72 U	1.72 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.759 U	0.717 U	0.717 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.82 U	1.72 U	1.72 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.82 U	1.72 U	1.72 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.82 U	1.72 U	1.72 U
Chlordane	--	--	--	--	49000	UG/KG	14.8 U	14 U	14 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.28 U	2.15 U	30.7 P
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.82 U	1.72 U	1.72 U
Dieldrin	5	39	200	1400	440	UG/KG	1.14 U	1.08 U	1.08 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.759 U	0.717 U	0.717 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.759 U	0.717 U	0.717 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.28 U	2.15 U	2.15 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.82 U	1.72 U	1.72 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.759 U	0.717 U	0.717 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.911 U	0.86 U	0.861 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.42 U	3.23 U	3.23 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.42 U	3.23 U	3.23 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.82 U	5.12	306
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	1.82 U	7.35	370
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	3.42 U	30	567
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U	140 U
Toxaphene	--	--	--	--	1200	UG/KG	34.2 U	32.3 U	32.3 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.28 U	2.15 U	27.6 P

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	57-WC (0-9)	58-WC (0-9)
						Sample Date:	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.76 U	1.69 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.736 U	0.705 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.76 U	1.69 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.76 U	1.69 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.76 U	1.69 U
Chlordane	--	--	--	--	49000	UG/KG	14.3 U	13.8 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	6.64 P	8.57
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.76 U	1.69 U
Dieldrin	5	39	200	1400	440	UG/KG	1.1 U	1.06 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.736 U	0.705 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.736 U	0.705 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.21 U	2.12 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.76 U	1.69 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.736 U	0.705 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.883 U	0.846 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.31 U	3.17 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.31 U	3.17 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	21	18.5
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	27.2	123
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	75.8	198
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	290 U	1400 U
Toxaphene	--	--	--	--	1200	UG/KG	33.1 U	31.7 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.21 U	2.12 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	59/60-WC (0-9)	61-WC (0-7)
						Sample Date:	06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.72 U	1.7 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.718 U	0.707 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.72 U	1.7 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.72 U	1.7 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.72 U	1.7 U
Chlordane	--	--	--	--	49000	UG/KG	14 U	13.8 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.16 U	1.35 JPI
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.72 U	1.7 U
Dieldrin	5	39	200	1400	440	UG/KG	1.08 U	1.06 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.718 U	0.707 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.718 U	4.12
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.16 U	2.12 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.72 U	1.7 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.718 U	0.707 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.862 U	0.849 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	1.22 J	1.26 JPI
Methoxychlor	--	--	--	--	630000	UG/KG	3.23 U	3.18 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	3.46	7.48 P
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	17	28.1
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	33.8	96.2
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	32.3 U	31.8 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.16 U	8.06 PI

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						DL-63/66/62-WC (0-5)	X34-WC (9-18)
Sample Date:						07/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	18.1 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.832 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	2 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	2 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	2 U
Chlordane	--	--	--	--	49000	UG/KG	147 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.49 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	2 U
Dieldrin	5	39	200	1400	440	UG/KG	1.25 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.832 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.832 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.49 U
Endrin Ketone	--	--	--	--	--	UG/KG	2 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.832 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.998 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.74 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.74 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	2 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	2 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	23.5 JPI
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	170 U
Toxaphene	--	--	--	--	1200	UG/KG	37.4 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.49 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.89 U	1.87 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.788 U	0.779 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.89 U	1.87 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.89 U	1.87 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.89 U	1.87 U
Chlordane	--	--	--	--	49000	UG/KG	15.4 U	15.2 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.36 U	2.34 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.89 U	1.87 U
Dieldrin	5	39	200	1400	440	UG/KG	1.18 U	1.17 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.788 U	0.779 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.788 U	0.779 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.36 U	2.34 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.89 U	1.87 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.788 U	0.779 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.946 U	0.935 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.55 U	3.5 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.55 U	3.5 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	3.33	0.998 J
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	1.45 J	2.53
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	4.87	6.61
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	160 U
Toxaphene	--	--	--	--	1200	UG/KG	35.5 U	35 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.36 U	2.34 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	X44-WC (9-18)	X45-WC (9-19)
						Sample Date:	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.88 U	84.6 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.784 U	35.3 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.88 U	84.6 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.88 U	84.6 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.88 U	84.6 U
Chlordane	--	--	--	--	49000	UG/KG	15.3 U	688 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	0.751 J	106 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.88 U	84.6 U
Dieldrin	5	39	200	1400	440	UG/KG	1.18 U	52.9 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.784 U	35.3 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.784 U	35.3 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.35 U	106 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.88 U	84.6 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.784 U	35.3 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.94 U	42.3 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.53 U	159 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.53 U	159 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.22 J	84.6 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	1.88 U	84.6 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	3.53 U	159 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	160 U	140 U
Toxaphene	--	--	--	--	1200	UG/KG	35.3 U	1590 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.35 U	106 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	X46-WC (9-19)	X47-WC (9-19)
						Sample Date:	06/22/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.7 U	1.84 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.709 U	0.765 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.7 U	1.84 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.7 U	1.84 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.7 U	1.84 U
Chlordane	--	--	--	--	49000	UG/KG	13.8 U	14.9 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.13 U	2.3 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.7 U	1.84 U
Dieldrin	5	39	200	1400	440	UG/KG	1.06 U	1.15 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.709 U	0.765 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.709 U	0.765 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.13 U	2.3 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.7 U	1.84 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.709 U	0.765 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.85 U	0.918 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.19 U	3.44 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.19 U	3.44 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.7 U	3.08
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	1.7 U	3.01
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	3.19 U	8.79
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	710 U	1500 U
Toxaphene	--	--	--	--	1200	UG/KG	31.9 U	34.4 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.13 U	2.3 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:						06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	1.78 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.74 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.78 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U
Chlordane	--	--	--	--	49000	UG/KG	14.4 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.22 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.78 U
Dieldrin	5	39	200	1400	440	UG/KG	1.11 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.74 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.74 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.22 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.78 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.74 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.888 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.33 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.33 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	25.7
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	62.1
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	967
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	1500 U
Toxaphene	--	--	--	--	1200	UG/KG	33.3 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.22 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	X55-WC (9-19)	X56-WC (9-19)
						Sample Date:	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.88 U	1.85 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.782 U	0.77 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.88 U	1.85 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.88 U	1.85 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.88 U	1.85 U
Chlordane	--	--	--	--	49000	UG/KG	15.2 U	15 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.34 U	2.31 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.88 U	1.85 U
Dieldrin	5	39	200	1400	440	UG/KG	1.17 U	1.16 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.782 U	0.77 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.782 U	0.77 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.34 U	2.31 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.88 U	1.85 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.782 U	0.77 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.938 U	0.924 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.52 U	3.47 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.52 U	3.47 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	6.93	20.8
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	5.59	5.82
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	16.7	6.2
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	1600 U	810 U
Toxaphene	--	--	--	--	1200	UG/KG	35.2 U	34.7 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.34 U	2.31 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	X57-WC (9-19)	DL-62-WC (0-5)
						Sample Date:	06/21/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Aldrin	5	19	97	680	440	UG/KG	1.78 U	1.81 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.743 U	0.755 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.81 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.78 U	1.81 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.78 U	1.81 U
Chlordane	--	--	--	--	49000	UG/KG	14.5 U	14.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.23 U	2.26 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.78 U	1.81 U
Dieldrin	5	39	200	1400	440	UG/KG	1.11 U	1.13 U
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.743 U	0.755 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.743 U	0.755 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.23 U	2.26 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.78 U	1.81 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.743 U	0.755 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.892 U	0.906 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.34 U	3.4 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.34 U	3.4 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.78 U	1.81 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	1.78 U	1.81 U
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	3.34 U	3.4 U
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	1600 U	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33.4 U	34 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.23 U	2.26 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:						DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:						08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	1.81 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.753 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.81 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.81 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.81 U
Chlordane	--	--	--	--	49000	UG/KG	14.7 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.26 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.81 U
Dieldrin	5	39	200	1400	440	UG/KG	0.593 J
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.753 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.753 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.26 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.81 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.753 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.903 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.39 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.39 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.81 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	2.03 P
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	9.14
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Toxaphene	--	--	--	--	1200	UG/KG	33.9 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.26 U

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-66/67-WC (0-5)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Aldrin	5	19	97	680	440	UG/KG	1.7 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	97	480	3400	190	UG/KG	0.709 U
Alpha Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.7 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	72	360	3000	820	UG/KG	1.7 U
Beta Endosulfan	2400	4800	24000	200000	260000	UG/KG	1.7 U
Chlordane	--	--	--	--	49000	UG/KG	13.8 U
cis-Chlordane	94	910	4200	24000	--	UG/KG	2.13 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	100000	500000	30000	UG/KG	1.7 U
Dieldrin	5	39	200	1400	440	UG/KG	0.59 JPI
Endosulfan Sulfate	2400	4800	24000	200000	70000	UG/KG	0.709 U
Endrin	14	2200	11000	89000	5500	UG/KG	0.709 U
Endrin Aldehyde	--	--	--	--	--	UG/KG	2.13 U
Endrin Ketone	--	--	--	--	--	UG/KG	1.7 U
Gamma Bhc (Lindane)	100	280	1300	9200	72	UG/KG	0.709 U
Heptachlor	42	420	2100	15000	680	UG/KG	0.851 U
Heptachlor Epoxide	--	--	--	--	1100	UG/KG	3.19 U
Methoxychlor	--	--	--	--	630000	UG/KG	3.19 U
P,P'-DDD	3.3	2600	13000	92000	30000	UG/KG	1.7 U
P,P'-DDE	3.3	1800	8900	62000	170000	UG/KG	10.1
P,P'-DDT	3.3	1700	7900	47000	230000	UG/KG	28.7
Pentachlorophenol	800	2400	6700	6700	5000	UG/KG	150 U
Toxaphene	--	--	--	--	1200	UG/KG	31.9 U
trans-Chlordane	--	--	--	--	--	UG/KG	2.13 U

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 1/2-WC (0-12) 3/4-WC (0-10)							1/2-WC (0-12)	3/4-WC (0-10)
Sample Date: 06/18/2018 06/18/2018							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	256	388
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	148	51.6
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	346	62.3

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							5/6-WC (0-12)	7/8-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	826	514
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	132	262
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	182	236

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:							06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	617	528
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	192	405
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	395	321

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							13/14-WC (0-10)	15/16-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	980	227 U
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	277	128
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	453	126

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							17/27-WC (0-11)	20/30-WC (0-8)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	544	543
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	450	301
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	248	160

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							21-WC (0-8)	22/31-WC (0-11)
Sample Date:							06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	469	722
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	246	123
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	297	127

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:							06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	772	238 U
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	138	178
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	161	115

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							32/33-WC (0-11)	34-WC (0-9)
Sample Date:							06/20/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	2140	5110
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	904	539
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	1240	525

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (0-9)	36-WC (0-9)	37-WC (0-9)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	578	552	3080
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	7880	519	81
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	5010	226	119

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							38/39-WC (0-8)	40-WC (0-12)
Sample Date:							06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	2030	272
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	1430	90
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	1310	112

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							41/51-WC (0-10)	42/43-WC (0-10)
Sample Date:							06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	840	1210
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	98.2	237
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	167	134

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							44-WC (0-9)	45-WC (0-9)	46-WC (0-9)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	330	1130	1460
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	73.4	276	297
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	151	332	230

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							47-WC (0-9)	48-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	725	1110
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	322	215
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	316	284

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							49/50-WC (0-9)	52/53-WC (0-8)
Sample Date:							06/25/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	376	1810
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	255	90.7
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	169	233

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							54-WC (0-9)	55-WC (0-9)	56-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	1800	527	764
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	87.2	219	537
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	70.8	422	596

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							57-WC (0-9)	58-WC (0-9)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	755	1290
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	506	274
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	593	771

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							59/60-WC (0-9)	61-WC (0-7)
Sample Date:							06/25/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	375	234
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	463	105
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	248	138

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-63/66/62-WC (0-5)	X34-WC (9-18)
Sample Date:							07/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	1780	262 U
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	3430	29.8 U
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	1330	12.8 J

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X35-WC (9-18) X36/X37-WC (9-14)							Sample Date: 06/25/2018 06/25/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	9940	1200
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	6990	695
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	5910	393

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X44-WC (9-18) X45-WC (9-19)							Sample Date: 06/22/2018 06/22/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	17200	8000
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	11000	7510
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	4690	7030

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X46-WC (9-19) X47-WC (9-19)							Sample Date: 06/22/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	23100	15800
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	33000	9440
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	35700	8730

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	18300	4700
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	1870	10300
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	4410	6280

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X55-WC (9-19) X56-WC (9-19)							Sample Date: 06/21/2018 06/21/2018	
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	8050	13900
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	12000	8280
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	7990	9150

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X57-WC (9-19)	DL-62-WC (0-5)
Sample Date:							06/21/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	20100	240
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	20900	96
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	30900	212

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	374	227 U
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	39.7	56
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	457	77.8

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

						Sample Designation:	DL-66/67-WC (0-5)
						Sample Date:	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Oil & Grease, Total Rec	--	--	--	--	--	MG/KG	437
Total Extractable Petroleum Hydrocarbons	--	--	--	--	--	MG/KG	220
Total Petroleum Hydrocarbons (C9-C44)	--	--	--	--	--	MG/KG	417

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							1-WC (7-8)	1/2-WC (0-12)	3/4-WC (0-10)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	8	7.8
Ignitability	--	--	--	--	--	NONE	NA	0 U	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	10 U
Total Solids	--	--	--	--	--	PERCENT	86.8	82	87.7
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	7.5	5.7

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							4-WC (0-1)	5-WC (4-5)	5/6-WC (0-12)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	NA	8.4
Ignitability	--	--	--	--	--	NONE	NA	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	91.9	86.7	88.4
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	NA	4.9

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							7/8-WC (0-12)	8-WC (0-1)	9-WC (0-1)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8.5	NA	NA
Ignitability	--	--	--	--	--	NONE	0 U	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	NA
Total Solids	--	--	--	--	--	PERCENT	81.7	85.9	90
Total Volatile Solids	--	--	--	--	--	PERCENT	9.8	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							9/10-WC (0-12)	11/12-WC (0-12)	12-WC (0-1)
Sample Date:							06/18/2018	06/18/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	9	10	NA
Ignitability	--	--	--	--	--	NONE	0 U	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	81	87.2	89
Total Volatile Solids	--	--	--	--	--	PERCENT	8.6	6.1	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							13/14-WC (0-10)	14-WC (5-6)	15/16-WC (0-10)
Sample Date:							06/20/2018	06/20/2018	06/18/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8.5	NA	7.6
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	86.7	90.6	88.1
Total Volatile Solids	--	--	--	--	--	PERCENT	3.9	NA	3.3

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							16-WC (0-1)	17/27-WC (0-11)	20/30-WC (0-8)
Sample Date:							06/18/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.4	9.6
Ignitability	--	--	--	--	--	NONE	NA	0 U	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	0
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	10 U
Total Solids	--	--	--	--	--	PERCENT	90.9	86.4	84.7
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	3.3	5.4

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							21-WC (0-8)	21-WC (7-8)	22/31-WC (0-11)
Sample Date:							06/26/2018	06/26/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	9.6	NA	10.4
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	89.5	84.2	91.4
Total Volatile Solids	--	--	--	--	--	PERCENT	3.5	NA	2.7

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							22-WC (0-1)	23/24-WC (0-11)	23-WC (1-2)
Sample Date:							06/20/2018	06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	8.6	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	92.8	84.2	91.4
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	4.5	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							25/26-WC (0-10)	26-WC (0-1)	27-WC (10-11)
Sample Date:							06/18/2018	06/18/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8.3	NA	NA
Ignitability	--	--	--	--	--	NONE	0 U	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	NA
Total Solids	--	--	--	--	--	PERCENT	84	90.2	87.8
Total Volatile Solids	--	--	--	--	--	PERCENT	3.8	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							30-WC (1-2)	32/33-WC (0-11)	33-WC (0-1)
Sample Date:							06/25/2018	06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	9.3	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	92	87.9	92.4
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	3.8	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							34-WC (0-9)	34-WC (5-6)	35-WC (0-9)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	9.9	NA	10.2
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	88.1	92.2	84.7
Total Volatile Solids	--	--	--	--	--	PERCENT	7.2	NA	12

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							35-WC (5-6)	36-WC (0-9)	36-WC (6-7)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.5	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	85.4	83.4	88.3
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	5	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							37-WC (0-9)	37-WC (4-5)	38/39-WC (0-8)
Sample Date:							06/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8.9	NA	9.1
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	85	88	86.3
Total Volatile Solids	--	--	--	--	--	PERCENT	15	NA	3.3

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							38-WC (3-4)	40-WC (0-12)	40-WC (5-6)
Sample Date:							06/25/2018	06/26/2018	06/26/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.2	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	93.9	88.2	88.2
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	3	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							41/51-WC (0-10)	42/43-WC (0-10)	43-WC (0-1)
Sample Date:							06/20/2018	06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	7.7	7.7	NA
Ignitability	--	--	--	--	--	NONE	0 U	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	89.3	88.4	90.2
Total Volatile Solids	--	--	--	--	--	PERCENT	3.1	3.3	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							44-WC (0-9)	44-WC (3-4)	45-WC (0-1)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8	NA	NA
Ignitability	--	--	--	--	--	NONE	0 U	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	NA
Total Solids	--	--	--	--	--	PERCENT	81.8	91	91.2
Total Volatile Solids	--	--	--	--	--	PERCENT	13	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							45-WC (0-9)	46-WC (0-1)	46-WC (0-9)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	10.3	NA	8.6
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	84.8	91.9	83.8
Total Volatile Solids	--	--	--	--	--	PERCENT	3.6	NA	11

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							47-WC (0-9)	47-WC (4-5)	48-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8.8	NA	8.5
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	91	90.2	77.6
Total Volatile Solids	--	--	--	--	--	PERCENT	4.3	NA	3.9

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							48-WC (1-2)	49/50-WC (0-9)	49-WC (1-2)
Sample Date:							06/21/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.1	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	93.2	87.7	89.6
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	2.8	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							51-WC (0-1)	52/53-WC (0-8)	52-WC (0-1)
Sample Date:							06/20/2018	06/20/2018	06/20/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	7.7	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	90.1	88.3	94.5
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	4.7	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							54-WC (0-9)	54-WC (8-9)	55-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	8	NA	7.9
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	85.1	69.6	89.1
Total Volatile Solids	--	--	--	--	--	PERCENT	3	NA	6.9

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							55-WC (1-2)	56-WC (0-9)	56-WC (1-2)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.6	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	92.8	89	91.2
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	4	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							57-WC (0-9)	57-WC (1-2)	58-WC (0-9)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	10.9	NA	9.6
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	90.1	90	91.9
Total Volatile Solids	--	--	--	--	--	PERCENT	4.2	NA	6.6

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							58-WC (1-2)	59/60-WC (0-9)	59-WC (0-1)
Sample Date:							06/21/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	8.6	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	82.7	90.6	89.3
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	4	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							61-WC (0-1)	61-WC (0-7)	DL-63/66/62-WC (0-5)
Sample Date:							06/26/2018	06/26/2018	07/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	10.5	9.3
Ignitability	--	--	--	--	--	NONE	NA	0 U	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	10 U
Total Solids	--	--	--	--	--	PERCENT	89.8	89.6	85.9
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	2.4	15

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-66-WC (0-2)	X34-WC (14-15)	X34-WC (9-18)
Sample Date:							07/25/2018	06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	NA	7.4
Ignitability	--	--	--	--	--	NONE	NA	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	88.3	83.2	76.4
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	NA	1.2

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X35-WC (11-12)	X35-WC (9-18)
Sample Date:							06/25/2018	06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	NA	7.6
Ignitability	--	--	--	--	--	NONE	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	89.3	81.5
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	2.1

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: X36/X37-WC (9-14)							X36-WC (13-14)
Sample Date: 06/25/2018							06/25/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Hydrogen Cation	--	--	--	--	--	SU	9.6
Ignitability	--	--	--	--	--	NONE	0 U
Paint Filter	--	--	--	--	--	NONE	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U
Total Solids	--	--	--	--	--	PERCENT	80.8
Total Volatile Solids	--	--	--	--	--	PERCENT	1

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X44-WC (12-13)	X44-WC (9-18)	X45-WC (13-14)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	9.8	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	91	82.6	93.6
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	3.6	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X45-WC (9-19)	X46-WC (11-12)	X46-WC (9-19)
Sample Date:							06/22/2018	06/22/2018	06/22/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	7.7	NA	7.5
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	90.4	88.8	92.7
Total Volatile Solids	--	--	--	--	--	PERCENT	2.8	NA	4.8

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X47-WC (12-13)	X47-WC (9-19)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	NA	8.1
Ignitability	--	--	--	--	--	NONE	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	92.7	85.1
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	2.4

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X48/X58-WC (9-14)	X54-WC (12-13)
Sample Date:							06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	7.6	NA
Ignitability	--	--	--	--	--	NONE	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	87.4	85.8
Total Volatile Solids	--	--	--	--	--	PERCENT	3.2	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X54-WC (9-19)	X55-WC (12-13)	X55-WC (9-19)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	7.7	NA	8.3
Ignitability	--	--	--	--	--	NONE	0 U	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	82.8	89.4	81.7
Total Volatile Solids	--	--	--	--	--	PERCENT	5.1	NA	2.6

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X56-WC (12-13)	X56-WC (9-19)	X57-WC (15-16)
Sample Date:							06/21/2018	06/21/2018	06/21/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	7.9	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	89.7	81.8	88.8
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	2.9	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							X57-WC (9-19)	X58-WC (10-11)	DL-61-E-5 (2.5-3)
Sample Date:							06/21/2018	06/21/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	7.8	NA	NA
Ignitability	--	--	--	--	--	NONE	0 U	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U	NA	NA
Total Solids	--	--	--	--	--	PERCENT	84.7	87.7	85.4
Total Volatile Solids	--	--	--	--	--	PERCENT	5.7	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-E-5 (6.5-7)							DL-61-N-5 (2.5-3)
Sample Date: 08/31/2018							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Hydrogen Cation	--	--	--	--	--	SU	NA
Ignitability	--	--	--	--	--	NONE	NA
Paint Filter	--	--	--	--	--	NONE	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA
Total Solids	--	--	--	--	--	PERCENT	82.3
Total Volatile Solids	--	--	--	--	--	PERCENT	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	NA	NA
Ignitability	--	--	--	--	--	NONE	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	NA
Total Solids	--	--	--	--	--	PERCENT	82.9	76.3
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	NA	NA
Ignitability	--	--	--	--	--	NONE	NA	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	NA
Total Solids	--	--	--	--	--	PERCENT	83.7	91.5
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date:							08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units		
Hydrogen Cation	--	--	--	--	--	SU	NA	7.8
Ignitability	--	--	--	--	--	NONE	NA	0 U
Paint Filter	--	--	--	--	--	NONE	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U
Total Solids	--	--	--	--	--	PERCENT	78.9	87.4
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	4.6

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:							DL-62-WC (1-2)	DL-63-WC (0-5)	DL-63-WC (1-2)
Sample Date:							08/31/2018	08/31/2018	08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units			
Hydrogen Cation	--	--	--	--	--	SU	NA	9.3	NA
Ignitability	--	--	--	--	--	NONE	NA	0 U	NA
Paint Filter	--	--	--	--	--	NONE	NA	NA	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	NA	10 U	NA
Sulfide Reactive	--	--	--	--	--	MG/KG	NA	10 U	NA
Total Solids	--	--	--	--	--	PERCENT	90.5	88.1	89.6
Total Volatile Solids	--	--	--	--	--	PERCENT	NA	7.7	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-64/65-WC (0-5)							DL-64/65-WC (1-2)
Sample Date: 08/31/2018							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Hydrogen Cation	--	--	--	--	--	SU	9.4
Ignitability	--	--	--	--	--	NONE	0 U
Paint Filter	--	--	--	--	--	NONE	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U
Total Solids	--	--	--	--	--	PERCENT	88
Total Volatile Solids	--	--	--	--	--	PERCENT	3.7

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-66/67-WC (0-5)							DL-66/67-WC (1-2)
Sample Date: 08/31/2018							08/31/2018
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Residential SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Commercial SCO	PADEP Regulated Fill Concentration Limits	Units	
Hydrogen Cation	--	--	--	--	--	SU	11
Ignitability	--	--	--	--	--	NONE	0 U
Paint Filter	--	--	--	--	--	NONE	NA
Reactive Cyanide	--	--	--	--	--	MG/KG	10 U
Sulfide Reactive	--	--	--	--	--	MG/KG	10 U
Total Solids	--	--	--	--	--	PERCENT	89.2
Total Volatile Solids	--	--	--	--	--	PERCENT	7.7

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1-WC (7-8)	4-WC (0-1)	5-WC (4-5)	8-WC (0-1)	9-WC (0-1)	12-WC (0-1)	14-WC (5-6)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			16-WC (0-1)	21-WC (7-8)	22-WC (0-1)	23-WC (1-2)	26-WC (0-1)	27-WC (10-11)	30-WC (1-2)
Sample Date:			06/18/2018	06/26/2018	06/20/2018	06/20/2018	06/18/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0027 J	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			33-WC (0-1)	34-WC (5-6)	35-WC (5-6)	36-WC (6-7)	37-WC (4-5)	38-WC (3-4)	40-WC (5-6)
Sample Date:			06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			43-WC (0-1)	44-WC (3-4)	45-WC (0-1)	46-WC (0-1)	47-WC (4-5)	48-WC (1-2)	49-WC (1-2)
Sample Date:			06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			51-WC (0-1)	52-WC (0-1)	54-WC (8-9)	55-WC (1-2)	56-WC (1-2)	57-WC (1-2)	58-WC (1-2)
Sample Date:			06/20/2018	06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			59-WC (0-1)	61-WC (0-1)	DL-66-WC (0-2)	X34-WC (14-15)	X35-WC (11-12)	X36-WC (13-14)
Sample Date:			06/25/2018	06/26/2018	07/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X44-WC (12-13)	X45-WC (13-14)	X46-WC (9-19)	X47-WC (12-13)	X54-WC (12-13)
Sample Date:			06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.0083	0.0028 J	0.005 U	0.0076	0.0031 J
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U	0.0031 J	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X55-WC (12-13)	X56-WC (12-13)	X57-WC (15-16)	X58-WC (10-11)	DL-62-WC (1-2)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.02	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.002 J	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.026	0.01 U	0.01 U	0.01 U

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63-WC (1-2)	DL-64/65-WC (1-2)	DL-66/67-WC (1-2)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
1,1-Dichloroethene	0.7	MG/L	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U	0.025 U	0.025 U
Benzene	0.5	MG/L	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U	0.005 U	0.005 U
Chlorobenzene	100	MG/L	0.005 U	0.005 U	0.005 U
Chloroform	6	MG/L	0.0075 U	0.0075 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U	0.05 U	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U	0.005 U	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U	0.005 U	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U	0.01 U	0.01 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)
Sample Date:			06/20/2018	06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)
Sample Date:			06/20/2018	06/18/2018	06/20/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)
Sample Date:			06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)
Sample Date:			06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018	06/20/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)
Sample Date:			07/25/2018	06/25/2018	06/25/2018	06/25/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)
Sample Date:			06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X56-WC (9-19)	X57-WC (9-19)	DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)
Sample Date:			06/21/2018	06/21/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4,5-Trichlorophenol	400	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	3	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	2	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	100	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	5	MG/L	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-66/67-WC (0-5)
Sample Date:			08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units	
2,4,5-Trichlorophenol	400	MG/L	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U
Hexachloroethane	3	MG/L	0.01 U
Nitrobenzene	2	MG/L	0.01 U
Pentachlorophenol	100	MG/L	0.05 U
Pyridine	5	MG/L	0.018 U

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	0.028 J	1 U	1 U
Barium	100	MG/L	0.785	0.475 J	1.1	0.714	0.548	1.14	0.163 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.011 J	0.015 J	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.031 J	0.2 U	0.044 J	0.072 J	0.036 J	0.2 U
Lead	5	MG/L	0.751	0.197 J	0.122 J	2.62	1.91	0.528	4.47
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.094 J	0.05 J	0.5 U	0.029 J	0.052 J	0.146 J	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	3.58	0.6	0.435 J	2.31	5.88	1.83	0.891

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)	23/24-WC (0-11)
Sample Date:			06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.509	0.606	0.344 J	0.164 J	0.469 J	0.396 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.011 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	2.66	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.164 J	1.11	0.257 J	1.89	0.092 J	0.195 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.045 J	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.311 J	3.96	1.16	0.945	0.08 J	2.82

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)
Sample Date:			06/18/2018	06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.209 J	0.371 J	0.297 J	0.517	0.457 J	0.314 J	0.309 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.03 J	0.022 J	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.407 J	0.185 J	0.402 J	0.405 J	2.55	0.191 J	0.183 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.491 J	0.494 J	1.74	0.57	0.603	0.427 J	1.03

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			40-WC (0-12)	41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)
Sample Date:			06/26/2018	06/20/2018	06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.484 J	0.516	0.356 J	0.479 J	0.25 J	0.319 J	0.386 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	1.49	0.2 U	0.2 U	0.2 U	0.022 J
Lead	5	MG/L	0.283 J	0.083 J	0.522	0.5 U	0.044 J	0.5 U	0.152 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.041 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	1.91	0.042 J	0.679	0.556	0.407 J	0.296 J	0.297 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			48-WC (0-9)	49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)
Sample Date:			06/21/2018	06/25/2018	06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.354 J	0.584	0.291 J	0.631	0.31 J	0.221 J	0.305 J	0.299 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.058 J	0.1 U	0.017 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.025 J	0.2 U	0.2 U
Copper	--	MG/L	0.028 J	0.2 U	0.2 U	0.2 U	0.037 J	0.063 J	0.2 U	0.022 J
Lead	5	MG/L	0.116 J	0.264 J	0.159 J	0.5 U	0.106 J	0.152 J	0.5 U	0.16 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 J	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.261 J	0.414 J	1.22	0.046 J	1.49	0.601	0.624	0.947

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)
Sample Date:			06/25/2018	06/26/2018	07/25/2018	06/25/2018	06/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.293 J	0.349 J	0.369 J	0.22 J	0.367 J	0.297 J
Cadmium	1	MG/L	0.1 U	0.011 J	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.025 J	0.084 J	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	2.52	6.94	0.827	0.5 U	0.037 J	0.5 U
Mercury	0.2	MG/L	0.001 U	0.001 U	0.0004 J	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.322 J	3.58	1.94	0.5 U	0.05 J	0.044 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)
Sample Date:			06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	0.019 J	0.02 J	1 U	1 U	1 U
Barium	100	MG/L	0.551	0.295 J	0.439 J	0.359 J	0.742	0.493 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	0.381	0.2 U	0.387	0.2 U
Lead	5	MG/L	0.047 J	0.057 J	0.16 J	0.061 J	0.167 J	0.628
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.032 J	0.042 J	0.04 J	0.028 J	0.03 J	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.255 J	0.266 J	0.186 J	0.147 J	3.41	0.237 J

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	1 U	1 U	NA	NA	NA
Barium	100	MG/L	0.467 J	0.482 J	0.47 J	NA	NA	NA
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	NA	NA	NA
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	NA	NA	NA
Copper	--	MG/L	0.2 U	0.743	0.2 U	NA	NA	NA
Lead	5	MG/L	0.149 J	0.131 J	0.057 J	0.036 J	0.5 U	0.299 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	NA	NA	NA
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U	NA	NA	NA
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	NA	NA	NA
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	NA	NA	NA
Zinc	--	MG/L	0.214 J	0.272 J	0.108 J	NA	NA	NA

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)	DL-62-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	NA	NA	NA	NA	NA	1 U
Barium	100	MG/L	NA	NA	NA	NA	NA	1.11
Cadmium	1	MG/L	NA	NA	NA	NA	NA	0.1 U
Chromium, Total	5	MG/L	NA	NA	NA	NA	NA	0.2 U
Copper	--	MG/L	NA	NA	NA	NA	NA	0.028 J
Lead	5	MG/L	0.5 U	0.229 J	0.5 U	1.14	0.5 U	0.437 J
Mercury	0.2	MG/L	NA	NA	NA	NA	NA	0.001 U
Nickel	--	MG/L	NA	NA	NA	NA	NA	0.5 U
Selenium	1	MG/L	NA	NA	NA	NA	NA	0.5 U
Silver	5	MG/L	NA	NA	NA	NA	NA	0.1 U
Zinc	--	MG/L	NA	NA	NA	NA	NA	0.874

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
Arsenic	5	MG/L	1 U	1 U	1 U
Barium	100	MG/L	0.394 J	0.196 J	0.23 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U
Copper	--	MG/L	0.2 U	0.2 U	0.023 J
Lead	5	MG/L	0.047 J	0.939	0.08 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U
Nickel	--	MG/L	0.5 U	0.5 U	0.5 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U
Zinc	--	MG/L	0.081 J	0.205 J	0.708

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			13/14-WC (0-10)	15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)
Sample Date:			06/20/2018	06/18/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			22/31-WC (0-11)	23/24-WC (0-11)	25/26-WC (0-10)	32/33-WC (0-11)	34-WC (0-9)
Sample Date:			06/20/2018	06/20/2018	06/18/2018	06/20/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)	41/51-WC (0-10)
Sample Date:			06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)
Sample Date:			06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			49/50-WC (0-9)	52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)
Sample Date:			06/25/2018	06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)	DL-63/66/62-WC (0-5)	X34-WC (9-18)
Sample Date:			06/21/2018	06/25/2018	06/26/2018	07/25/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)	X45-WC (9-19)	X46-WC (9-19)
Sample Date:			06/25/2018	06/25/2018	06/22/2018	06/22/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)	X56-WC (9-19)
Sample Date:			06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X57-WC (9-19)	DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			06/21/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units					
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlordane	0.03	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Endrin	0.02	MG/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Methoxychlor	10	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toxaphene	0.5	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			1/2-WC (0-12)	3/4-WC (0-10)	5/6-WC (0-12)	7/8-WC (0-12)	9/10-WC (0-12)	11/12-WC (0-12)	13/14-WC (0-10)
Sample Date:			06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/18/2018	06/20/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.66 U	5.58 U	5.92 U	5.79 U	5.32 U	5.56 U	5.91 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			15/16-WC (0-10)	17/27-WC (0-11)	20/30-WC (0-8)	21-WC (0-8)	22/31-WC (0-11)	23/24-WC (0-11)	25/26-WC (0-10)
Sample Date:			06/18/2018	06/25/2018	06/25/2018	06/26/2018	06/20/2018	06/20/2018	06/18/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.36 U	5.47 U	5.34 U	5.82 U	6.09 U	5.81 U	6.03 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			32/33-WC (0-11)	34-WC (0-9)	35-WC (0-9)	36-WC (0-9)	37-WC (0-9)	38/39-WC (0-8)	40-WC (0-12)
Sample Date:			06/20/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	5.93 U	5.55 U	5.88 U	5.68 U	5.22 U	6.02 U	5.52 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			41/51-WC (0-10)	42/43-WC (0-10)	44-WC (0-9)	45-WC (0-9)	46-WC (0-9)	47-WC (0-9)	48-WC (0-9)	49/50-WC (0-9)
Sample Date:			06/20/2018	06/20/2018	06/22/2018	06/22/2018	06/22/2018	06/21/2018	06/21/2018	06/25/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
pH	--	SU	6.36 U	6.13 U	5.17 U	6.46 U	5.46 U	5.65 U	5.04 U	5.66 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			52/53-WC (0-8)	54-WC (0-9)	55-WC (0-9)	56-WC (0-9)	57-WC (0-9)	58-WC (0-9)	59/60-WC (0-9)	61-WC (0-7)
Sample Date:			06/20/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/25/2018	06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units								
pH	--	SU	6.33 U	6.35 U	5.27 U	6.08 U	6.51 U	5.4 U	5.18 U	5.17 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-63/66/62-WC (0-5)	X34-WC (9-18)	X35-WC (9-18)	X36/X37-WC (9-14)	X44-WC (9-18)	X45-WC (9-19)
Sample Date:			07/25/2018	06/25/2018	06/25/2018	06/25/2018	06/22/2018	06/22/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
pH	--	SU	9.58 U	4.92 U	5.03 U	5.01 U	5.11 U	4.93 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			X46-WC (9-19)	X47-WC (9-19)	X48/X58-WC (9-14)	X54-WC (9-19)	X55-WC (9-19)	X56-WC (9-19)	X57-WC (9-19)
Sample Date:			06/22/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018	06/21/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units							
pH	--	SU	4.95 U	5.07 U	5.05 U	5.04 U	5.08 U	5.01 U	5.1 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-62-WC (0-5)	DL-63-WC (0-5)	DL-64/65-WC (0-5)	DL-66/67-WC (0-5)
Sample Date:			08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units				
pH	--	SU	5.44 U	5.26 U	6.57 U	6.45 U

Notes Utilized Throughout Tables	
Soil Tables	
J - Estimated value	
U - Indicates that the compound was analyzed for but not detected	
P - The RPD between the results for the two columns exceeds the method-specified criteria	
I - The lower value for the two columns has been reported due to obvious interference	
RPD - Relative Percent Difference	
ft bls - Feet below land surface	
NA - Compound was not analyzed for by laboratory	
µg/kg - Micrograms per kilogram	
mg/kg - Milligrams per kilogram	
su - Standard units	
NJDEP - New Jersey Department of Environmental Protection	
-- No NJDEP Soil Remediation Standards available	
Bold data indicates that parameter was detected above the NJDEP Residential Soil Remediation Standards	
Shaded data indicates that parameter was detected above the NJDEP Impact to Groundwater Soil Remediation Standards	
TCLP Tables	
mg/L - Milligrams per liter	
su - Standard units	
USEPA - United States Environmental Protection Agency	
TCLP - Toxicity Characteristic Leaching Procedure	
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity	
RCRA - Resource Conservation and Recovery Act	
Bold - Parameter was detected above USEPA Regulatory Levels	

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-1)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
1,1,1,2-Tetrachloroethane	--	--	UG/KG
1,1,1-Trichloroethane (TCA)	160000000	300	UG/KG
1,1,2,2-Tetrachloroethane	1000	7	UG/KG
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	UG/KG
1,1,2-Trichloroethane	2000	20	UG/KG
1,1-Dichloroethane	8000	200	UG/KG
1,1-Dichloroethene	11000	8	UG/KG
1,1-Dichloropropene	--	--	UG/KG
1,2,3-Trichlorobenzene	--	--	UG/KG
1,2,3-Trichloropropane	--	--	UG/KG
1,2,4,5-Tetramethylbenzene	--	--	UG/KG
1,2,4-Trichlorobenzene	73000	700	UG/KG
1,2,4-Trimethylbenzene	--	--	UG/KG
1,2-Dibromo-3-Chloropropane	80	5	UG/KG
1,2-Dibromoethane (Ethylene Dibromide)	8	5	UG/KG
1,2-Dichlorobenzene	5300000	17000	UG/KG
1,2-Dichloroethane	900	5	UG/KG
1,2-Dichloropropane	2000	5	UG/KG
1,3,5-Trimethylbenzene (Mesitylene)	--	--	UG/KG
1,3-Dichlorobenzene	5300000	19000	UG/KG
1,3-Dichloropropane	--	--	UG/KG
1,4-Dichlorobenzene	5000	2000	UG/KG
1,4-Diethyl Benzene	--	--	UG/KG
1,4-Dioxane (P-Dioxane)	--	--	UG/KG
2,2-Dichloropropane	--	--	UG/KG
2-Chlorotoluene	--	--	UG/KG
2-Hexanone	--	--	UG/KG
4-Chlorotoluene	--	--	UG/KG
4-Ethyltoluene	--	--	UG/KG
Acetone	70000000	19000	UG/KG
Acrolein	500	500	UG/KG
Acrylonitrile	900	500	UG/KG
Benzene	2000	5	UG/KG

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-1)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Bromobenzene	--	--	UG/KG 2.4 U
Bromochloromethane	--	--	UG/KG 2.4 U
Bromodichloromethane	1000	5	UG/KG 0.6 U
Bromoform	81000	30	UG/KG 4.8 U
Bromomethane	25000	40	UG/KG 2.4 U
Carbon Disulfide	7800000	6000	UG/KG 12 U
Carbon Tetrachloride	2000	5	UG/KG 1.2 U
Chlorobenzene	510000	600	UG/KG 0.6 U
Chloroethane	220000	--	UG/KG 2.4 U
Chloroform	600	400	UG/KG 0.19 J
Chloromethane	4000	--	UG/KG 4.8 U
Cis-1,2-Dichloroethylene	230000	300	UG/KG 1.2 U
Cis-1,3-Dichloropropene	2000	--	UG/KG 0.6 U
Cyclohexane	--	--	UG/KG 12 U
Cymene	--	--	UG/KG 1.2 U
Dibromochloromethane	3000	5	UG/KG 1.2 U
Dibromomethane	--	--	UG/KG 2.4 U
Dichlorodifluoromethane	490000	39000	UG/KG 12 U
Dichloroethylenes	--	--	UG/KG 1.2 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG 2.4 U
Ethylbenzene	7800000	13000	UG/KG 1.2 U
Hexachlorobutadiene	6000	900	UG/KG 4.8 U
Isopropylbenzene (Cumene)	--	--	UG/KG 1.2 U
m,p-Xylene	--	--	UG/KG 2.4 U
Methyl Acetate	78000000	22000	UG/KG 4.8 U
Methyl Ethyl Ketone (2-Butanone)	3100000	900	UG/KG 6.3 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG 12 U
Methylcyclohexane	--	--	UG/KG 4.8 U
Methylene Chloride	46000	10	UG/KG 6 U
Naphthalene	6000	25000	UG/KG 17
N-Butylbenzene	--	--	UG/KG 1.2 U
N-Propylbenzene	--	--	UG/KG 1.2 U
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG 1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-1)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Sec-Butylbenzene	--	--	UG/KG 1.2 U
Styrene	90000	3000	UG/KG 1.2 U
T-Butylbenzene	--	--	UG/KG 2.4 U
Tert-Butyl Alcohol	1400000	300	UG/KG 24 U
Tert-Butyl Methyl Ether	110000	200	UG/KG 2.4 U
Tetrachloroethylene (PCE)	43000	5	UG/KG 0.33 J
Toluene	6300000	7000	UG/KG 1.2 U
Total, 1,3-Dichloropropene (Cis And Trans)	2000	5	UG/KG 0.6 U
Trans-1,2-Dichloroethene	300000	600	UG/KG 1.8 U
Trans-1,3-Dichloropropene	2000	--	UG/KG 1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG 6 U
Trichloroethylene (TCE)	3000	10	UG/KG 0.6 U
Trichlorofluoromethane	23000000	34000	UG/KG 4.8 U
Vinyl Acetate	--	--	UG/KG 12 U
Vinyl Chloride	700	5	UG/KG 1.2 U
Xylenes	12000000	19000	UG/KG 1.2 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG 180 U
1,2,4-Trichlorobenzene	73000	700	UG/KG 180 U
2,3,4,6-Tetrachlorophenol	--	--	UG/KG 180 U
2,4,5-Trichlorophenol	6100000	68000	UG/KG 180 U
2,4,6-Trichlorophenol	19000	200	UG/KG 110 U
2,4-Dichlorophenol	180000	200	UG/KG 170 U
2,4-Dimethylphenol	1200000	1000	UG/KG 180 U
2,4-Dinitrophenol	120000	300	UG/KG 890 U
2,4-Dinitrotoluene	700	--	UG/KG 180 U
2,6-Dinitrotoluene	700	--	UG/KG 180 U
2-Chloronaphthalene	--	--	UG/KG 180 U
2-Chlorophenol	310000	800	UG/KG 180 U
2-Methylnaphthalene	230000	8000	UG/KG 48 J
2-Methylphenol (O-Cresol)	310000	--	UG/KG 180 U
2-Nitroaniline	39000	--	UG/KG 180 U
2-Nitrophenol	--	--	UG/KG 400 U
3- And 4- Methylphenol (Total)	31000	--	UG/KG 270 U
3,3'-Dichlorobenzidine	1000	200	UG/KG 180 U
3-Nitroaniline	--	--	UG/KG 180 U
4,6-Dinitro-2-Methylphenol	6000	300	UG/KG 480 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG 180 U
4-Chloro-3-Methylphenol	--	--	UG/KG 180 U
4-Chloroaniline	--	--	UG/KG 180 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG 180 U
4-Nitroaniline	--	--	UG/KG 180 U
4-Nitrophenol	--	--	UG/KG 260 U
Acenaphthene	3400000	110000	UG/KG 120 J
Acenaphthylene	--	--	UG/KG 44 J
Acetophenone	2000	3000	UG/KG 180 U
Anthracene	17000000	2400000	UG/KG 260
Atrazine	210000	200	UG/KG 150 U
Azobenzene	--	--	UG/KG 180 U
Benzaldehyde	6100000	--	UG/KG 240 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Benzidine	700	700	UG/KG
Benzo(A)Anthracene	5000	800	UG/KG
Benzo(A)Pyrene	500	200	UG/KG
Benzo(B)Fluoranthene	5000	2000	UG/KG
Benzo(G,H,I)Perylene	380000000	--	UG/KG
Benzo(K)Fluoranthene	45000	25000	UG/KG
Benzoic Acid	--	--	UG/KG
Benzyl Alcohol	--	--	UG/KG
Benzyl Butyl Phthalate	1200000	230000	UG/KG
Biphenyl (Diphenyl)	61000	140000	UG/KG
Bis(2-Chloroethoxy) Methane	--	--	UG/KG
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	200	UG/KG
Bis(2-Chloroisopropyl) Ether	23000	5000	UG/KG
Bis(2-Ethylhexyl) Phthalate	35000	1200000	UG/KG
Caprolactam	31000000	12000	UG/KG
Carbazole	24000	--	UG/KG
Chrysene	450000	80000	UG/KG
Dibenz(A,H)Anthracene	500	800	UG/KG
Dibenzofuran	--	--	UG/KG
Diethyl Phthalate	49000000	88000	UG/KG
Dimethyl Phthalate	--	--	UG/KG
Di-N-Butyl Phthalate	6100000	760000	UG/KG
Di-N-Octylphthalate	2400000	3300000	UG/KG
Fluoranthene	2300000	1300000	UG/KG
Fluorene	2300000	170000	UG/KG
Hexachlorobenzene	300	200	UG/KG
Hexachlorobutadiene	6000	900	UG/KG
Hexachlorocyclopentadiene	45000	320000	UG/KG
Hexachloroethane	12000	200	UG/KG
Indeno(1,2,3-C,D)Pyrene	5000	7000	UG/KG
Isophorone	510000	200	UG/KG
Naphthalene	6000	25000	UG/KG
Nitrobenzene	5000	200	UG/KG

Table 2. Summary of Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				61-WC (0-7)
Sample Date:				06/26/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units	
N-Nitrosodimethylamine	700	700	UG/KG	370 U
N-Nitrosodi-N-Propylamine	200	200	UG/KG	180 U
N-Nitrosodiphenylamine	99000	400	UG/KG	150 U
Pentachlorophenol	900	300	UG/KG	150 U
Phenanthrene	--	--	UG/KG	1200
Phenol	18000000	8000	UG/KG	180 U
Pyrene	1700000	840000	UG/KG	1600

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				61-WC (0-7)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:				06/26/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units				
Aluminum	78000	6000	MG/KG	5090	NA	NA	NA
Antimony	31	6	MG/KG	2.51 J	NA	NA	NA
Arsenic	19	19	MG/KG	5.66	NA	NA	NA
Barium	16000	2100	MG/KG	341	NA	NA	NA
Beryllium	16	0.7	MG/KG	0.209 J	NA	NA	NA
Cadmium	78	2	MG/KG	0.601 J	NA	NA	NA
Calcium	--	--	MG/KG	39200	NA	NA	NA
Chromium III	120000	--	MG/KG	9.9	NA	NA	NA
Chromium, Hexavalent	240	--	MG/KG	0.893 U	NA	NA	NA
Chromium, Total	240	--	MG/KG	9.93	NA	NA	NA
Cobalt	1600	90	MG/KG	4.35	NA	NA	NA
Copper	3100	11000	MG/KG	20.8	NA	NA	NA
Cyanide	47	20	MG/KG	0.74 J	NA	NA	NA
Iron	--	--	MG/KG	9920	NA	NA	NA
Lead	400	90	MG/KG	596	530	18.9	914
Magnesium	--	--	MG/KG	2140	NA	NA	NA
Manganese	11000	65	MG/KG	235	NA	NA	NA
Mercury	23	0.1	MG/KG	0.27	NA	NA	NA
Nickel	1600	48	MG/KG	13.3	NA	NA	NA
Potassium	--	--	MG/KG	646	NA	NA	NA
Selenium	390	11	MG/KG	0.496 J	NA	NA	NA
Silver	390	1	MG/KG	0.87 U	NA	NA	NA
Sodium	--	--	MG/KG	272	NA	NA	NA
Thallium	5	3	MG/KG	1.74 U	NA	NA	NA
Vanadium	78	--	MG/KG	15.1	NA	NA	NA
Zinc	23000	930	MG/KG	330	NA	NA	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)
Sample Date:				08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units				
Aluminum	78000	6000	MG/KG	NA	NA	NA	NA
Antimony	31	6	MG/KG	NA	NA	NA	NA
Arsenic	19	19	MG/KG	NA	NA	NA	NA
Barium	16000	2100	MG/KG	NA	NA	NA	NA
Beryllium	16	0.7	MG/KG	NA	NA	NA	NA
Cadmium	78	2	MG/KG	NA	NA	NA	NA
Calcium	--	--	MG/KG	NA	NA	NA	NA
Chromium III	120000	--	MG/KG	NA	NA	NA	NA
Chromium, Hexavalent	240	--	MG/KG	NA	NA	NA	NA
Chromium, Total	240	--	MG/KG	NA	NA	NA	NA
Cobalt	1600	90	MG/KG	NA	NA	NA	NA
Copper	3100	11000	MG/KG	NA	NA	NA	NA
Cyanide	47	20	MG/KG	NA	NA	NA	NA
Iron	--	--	MG/KG	NA	NA	NA	NA
Lead	400	90	MG/KG	25.3	1790	85.5	1410
Magnesium	--	--	MG/KG	NA	NA	NA	NA
Manganese	11000	65	MG/KG	NA	NA	NA	NA
Mercury	23	0.1	MG/KG	NA	NA	NA	NA
Nickel	1600	48	MG/KG	NA	NA	NA	NA
Potassium	--	--	MG/KG	NA	NA	NA	NA
Selenium	390	11	MG/KG	NA	NA	NA	NA
Silver	390	1	MG/KG	NA	NA	NA	NA
Sodium	--	--	MG/KG	NA	NA	NA	NA
Thallium	5	3	MG/KG	NA	NA	NA	NA
Vanadium	78	--	MG/KG	NA	NA	NA	NA
Zinc	23000	930	MG/KG	NA	NA	NA	NA

Table 3. Summary of Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-W-5 (6.5-7)			
Sample Date: 08/31/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Aluminum	78000	6000	MG/KG
Antimony	31	6	MG/KG
Arsenic	19	19	MG/KG
Barium	16000	2100	MG/KG
Beryllium	16	0.7	MG/KG
Cadmium	78	2	MG/KG
Calcium	--	--	MG/KG
Chromium III	120000	--	MG/KG
Chromium, Hexavalent	240	--	MG/KG
Chromium, Total	240	--	MG/KG
Cobalt	1600	90	MG/KG
Copper	3100	11000	MG/KG
Cyanide	47	20	MG/KG
Iron	--	--	MG/KG
Lead	400	90	MG/KG
Magnesium	--	--	MG/KG
Manganese	11000	65	MG/KG
Mercury	23	0.1	MG/KG
Nickel	1600	48	MG/KG
Potassium	--	--	MG/KG
Selenium	390	11	MG/KG
Silver	390	1	MG/KG
Sodium	--	--	MG/KG
Thallium	5	3	MG/KG
Vanadium	78	--	MG/KG
Zinc	23000	930	MG/KG

Table 4. Summary of Polychlorinated Biphenyls in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
PCB-1016 (Aroclor 1016)	--	--	UG/KG 36 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG 36 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG 36 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG 36 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG 36 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG 36 U
PCB-1260 (Aroclor 1260)	--	--	UG/KG 11.4 J
PCB-1262 (Aroclor 1262)	--	--	UG/KG 36 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG 6.51 J
Polychlorinated Biphenyl (PCBs)	200	200	UG/KG 17.9 J

Table 5. Summary of Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: 61-WC (0-7)			
Sample Date: 06/26/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Aldrin	40	200	UG/KG
Alpha Bhc (Alpha Hexachlorocyclohexane)	100	2	UG/KG
Alpha Endosulfan	--	4000	UG/KG
Beta Bhc (Beta Hexachlorocyclohexane)	400	2	UG/KG
Beta Endosulfan	--	4000	UG/KG
Chlordane	200	50	UG/KG
cis-Chlordane	--	--	UG/KG
Delta BHC (Delta Hexachlorocyclohexane)	--	--	UG/KG
Dieldrin	40	3	UG/KG
Endosulfan Sulfate	470000	2000	UG/KG
Endrin	23000	1000	UG/KG
Endrin Aldehyde	--	--	UG/KG
Endrin Ketone	--	--	UG/KG
Gamma Bhc (Lindane)	400	2	UG/KG
Heptachlor	100	500	UG/KG
Heptachlor Epoxide	70	10	UG/KG
Methoxychlor	390000	160000	UG/KG
P,P'-DDD	3000	4000	UG/KG
P,P'-DDE	2000	18000	UG/KG
P,P'-DDT	2000	11000	UG/KG
Pentachlorophenol	900	300	UG/KG
Toxaphene	600	300	UG/KG
trans-Chlordane	--	--	UG/KG

Table 6. Summary of Petroleum Hydrocarbons in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				61-WC (0-7)
Sample Date:				06/26/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units	
Oil & Grease, Total Rec	--	--	MG/KG	234
Total Extractable Petroleum Hydrocarbons	5100	--	MG/KG	105
Total Petroleum Hydrocarbons (C9-C44)	--	--	MG/KG	138

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				61-WC (0-1)	61-WC (0-7)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)
Sample Date:				06/26/2018	06/26/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units					
Hydrogen Cation	--	--	SU	NA	10.5	NA	NA	NA
Ignitability	--	--	NONE	NA	0 U	NA	NA	NA
Paint Filter	--	--	NONE	NA	NA	NA	NA	NA
Reactive Cyanide	--	--	MG/KG	NA	10 U	NA	NA	NA
Sulfide Reactive	--	--	MG/KG	NA	10 U	NA	NA	NA
Total Solids	--	--	PERCENT	89.8	89.6	85.4	82.3	83.6
Total Volatile Solids	--	--	PERCENT	NA	2.4	NA	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:				DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)	DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)
Sample Date:				08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units				
Hydrogen Cation	--	--	SU	NA	NA	NA	NA
Ignitability	--	--	NONE	NA	NA	NA	NA
Paint Filter	--	--	NONE	NA	NA	NA	NA
Reactive Cyanide	--	--	MG/KG	NA	NA	NA	NA
Sulfide Reactive	--	--	MG/KG	NA	NA	NA	NA
Total Solids	--	--	PERCENT	82.9	76.3	83.7	91.5
Total Volatile Solids	--	--	PERCENT	NA	NA	NA	NA

Table 7. Summary of General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation: DL-61-W-5 (6.5-7)			
Sample Date: 08/31/2018			
Parameter	NJDEP Residential Direct Contact Soil Remediation Standards	NJDEP Impact to Groundwater Soil Remediation Standards	Units
Hydrogen Cation	--	--	SU
Ignitability	--	--	NONE
Paint Filter	--	--	NONE
Reactive Cyanide	--	--	MG/KG
Sulfide Reactive	--	--	MG/KG
Total Solids	--	--	PERCENT
Total Volatile Solids	--	--	PERCENT

Table 8. Summary of TCLP Volatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York**DRAFT**

Sample Designation:			61-WC (0-1)
Sample Date:			06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units	
1,1-Dichloroethene	0.7	MG/L	0.005 U
1,2-Dichloroethane	0.5	MG/L	0.005 U
1,4-Dichlorobenzene	7.5	MG/L	0.025 U
Benzene	0.5	MG/L	0.005 U
Carbon Tetrachloride	0.5	MG/L	0.005 U
Chlorobenzene	100	MG/L	0.005 U
Chloroform	6	MG/L	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	200	MG/L	0.05 U
Tetrachloroethylene (PCE)	0.7	MG/L	0.005 U
Trichloroethylene (TCE)	0.5	MG/L	0.005 U
Vinyl Chloride	0.2	MG/L	0.01 U

Table 9. Summary of TCLP Semivolatile Organic Compounds in Soil, 5200 Kings Highway, Brooklyn, New York**DRAFT**

Sample Designation:		61-WC (0-7)	
Sample Date:		06/26/2018	
Parameter	USEPA Regulatory Levels (mg/L)	Units	
2,4,5-Trichlorophenol	400	MG/L	0.025 U
2,4,6-Trichlorophenol	2	MG/L	0.025 U
2,4-Dinitrotoluene	0.13	MG/L	0.025 U
2-Methylphenol (O-Cresol)	200	MG/L	0.025 U
Hexachlorobenzene	0.13	MG/L	0.01 U
Hexachlorobutadiene	0.5	MG/L	0.01 U
Hexachloroethane	3	MG/L	0.01 U
Nitrobenzene	2	MG/L	0.01 U
Pentachlorophenol	100	MG/L	0.05 U
Pyridine	5	MG/L	0.018 U

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			61-WC (0-7)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)	DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)
Sample Date:			06/26/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	NA	NA	NA	NA	NA
Barium	100	MG/L	0.349 J	NA	NA	NA	NA	NA
Cadmium	1	MG/L	0.011 J	NA	NA	NA	NA	NA
Chromium, Total	5	MG/L	0.2 U	NA	NA	NA	NA	NA
Copper	--	MG/L	0.025 J	NA	NA	NA	NA	NA
Lead	5	MG/L	6.94	0.036 J	0.5 U	0.299 J	0.5 U	0.229 J
Mercury	0.2	MG/L	0.001 U	NA	NA	NA	NA	NA
Nickel	--	MG/L	0.5 U	NA	NA	NA	NA	NA
Selenium	1	MG/L	0.5 U	NA	NA	NA	NA	NA
Silver	5	MG/L	0.1 U	NA	NA	NA	NA	NA
Zinc	--	MG/L	3.58	NA	NA	NA	NA	NA

Table 10. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
Arsenic	5	MG/L	NA	NA	NA
Barium	100	MG/L	NA	NA	NA
Cadmium	1	MG/L	NA	NA	NA
Chromium, Total	5	MG/L	NA	NA	NA
Copper	--	MG/L	NA	NA	NA
Lead	5	MG/L	0.5 U	1.14	0.5 U
Mercury	0.2	MG/L	NA	NA	NA
Nickel	--	MG/L	NA	NA	NA
Selenium	1	MG/L	NA	NA	NA
Silver	5	MG/L	NA	NA	NA
Zinc	--	MG/L	NA	NA	NA

Table 11. Summary of TCLP Pesticides and Herbicides in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:			61-WC (0-7)
Sample Date:			06/26/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units	
2,4-D (Dichlorophenoxyacetic Acid)	10	MG/L	0.025 U
Chlordane	0.03	MG/L	0.001 U
Endrin	0.02	MG/L	0.0002 U
Gamma Bhc (Lindane)	0.4	MG/L	0.0001 U
Heptachlor	0.008	MG/L	0.0001 U
Heptachlor Epoxide	0.008	MG/L	0.0001 U
Methoxychlor	10	MG/L	0.001 U
Silvex (2,4,5-TP)	1	MG/L	0.005 U
Toxaphene	0.5	MG/L	0.001 U

Table 12. Summary of TCLP General Chemistry in Soil, 5200 Kings Highway, Brooklyn, New York

DRAFT

Sample Designation:		61-WC (0-7)	
Sample Date:		06/26/2018	
Parameter	USEPA Regulatory Levels (mg/L)	Units	
pH	--	SU	5.17 U



ANALYTICAL REPORT

Lab Number:	L1822860
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/25/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
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Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1822860-01	3/4-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:20	06/18/18
L1822860-02	4-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:15	06/18/18
L1822860-03	1/2-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:40	06/18/18
L1822860-04	1-WC (7-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:30	06/18/18
L1822860-05	15/16-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 14:25	06/18/18
L1822860-06	16-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 14:20	06/18/18
L1822860-07	25/26-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:25	06/18/18
L1822860-08	26-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:20	06/18/18
L1822860-09	5/6-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:00	06/18/18
L1822860-10	5-WC (4-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:05	06/18/18
L1822860-11	7/8-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:50	06/18/18
L1822860-12	8-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:55	06/18/18
L1822860-13	9/10-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 13:50	06/18/18
L1822860-14	9-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 13:55	06/18/18
L1822860-15	11/12-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:10	06/18/18
L1822860-16	12-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:15	06/18/18
L1822860-17	ASTM LEACHATE OF 3/4-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:20	06/18/18
L1822860-18	ASTM LEACHATE OF 1/2-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:40	06/18/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1822860-19	ASTM LEACHATE OF 15/16-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 14:25	06/18/18
L1822860-20	ASTM LEACHATE OF 25/26-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:25	06/18/18
L1822860-21	ASTM LEACHATE OF 5/6-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 10:00	06/18/18
L1822860-22	ASTM LEACHATE OF 7/8-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 11:50	06/18/18
L1822860-23	ASTM LEACHATE OF 9/10-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 13:50	06/18/18
L1822860-24	ASTM LEACHATE OF 11/12-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/18/18 15:10	06/18/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

TCLP Volatiles

L1822860-02, -04, -06, -08, -10, -12, -14, and -16: The ambient temperature of the area in which the TCLP/SPLP extraction of the samples and associated Method Blank was performed was outside the required 21-25 degrees C temperature range.

Pesticides

L1822860-03, -13, and -15: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1822860-03: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1822860-09: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L1822860-01, -03, -05, -07, -09, -11, -13, and -15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Oil & Grease, Hem-Grav

L1822860-17 through -24: The samples were received above the appropriate pH for the Oil & Grease. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1127588-2/-3 LCS/LCSD recoveries (71%/58%), associated with L1822860-01 and -03, are outside

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Case Narrative (continued)

our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1127723-2/-3 LCS/LCSD recoveries (61%/75%), associated with L1822860-05, -07, -09, -11, -13, and -15, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Solids, Total Volatile

The WG1127755-2 Laboratory Duplicate RPD (45%), performed on L1822860-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/25/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-02
 Client ID: 4-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:15
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 09:52
 Analyst: MM
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-02
 Client ID: 4-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:15
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 12:10
 Analyst: AD
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.22	J	ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-02**Date Collected:** 06/18/18 10:15**Client ID:** 4-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.9	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-02**Date Collected:** 06/18/18 10:15**Client ID:** 4-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	23	5.8	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Acrolein	ND		ug/kg	28	6.4	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	110	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-04
 Client ID: 1-WC (7-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:30
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 10:43
 Analyst: MM
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-04
 Client ID: 1-WC (7-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:30
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 12:36
 Analyst: AD
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-04**Date Collected:** 06/18/18 11:30**Client ID:** 1-WC (7-8)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-04**Date Collected:** 06/18/18 11:30**Client ID:** 1-WC (7-8)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

Total TIC Compounds	15.1	J	ug/kg	1
Butane, 2-Methyl-	4.73	NJ	ug/kg	1
Pentane	6.66	NJ	ug/kg	1
Unknown	3.69	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-06
 Client ID: 16-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 11:34
 Analyst: BD
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-06
 Client ID: 16-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 13:02
 Analyst: AD
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	0.33	J	ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-06**Date Collected:** 06/18/18 14:20**Client ID:** 16-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	11	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.81	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-06**Date Collected:** 06/18/18 14:20**Client ID:** 16-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	25	6.4	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Acrolein	ND		ug/kg	31	7.0	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	120	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-08
Client ID: 26-WC (0-1)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/18 12:25
Analyst: BD
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	2.7	J	ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-08
 Client ID: 26-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 13:28
 Analyst: AD
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-08**Date Collected:** 06/18/18 15:20**Client ID:** 26-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-08**Date Collected:** 06/18/18 15:20**Client ID:** 26-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	23	5.9	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Acrolein	ND		ug/kg	29	6.5	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	120	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-10
 Client ID: 5-WC (4-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:05
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 13:17
 Analyst: BD
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-10
 Client ID: 5-WC (4-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:05
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 14:20
 Analyst: AD
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-10**Date Collected:** 06/18/18 10:05**Client ID:** 5-WC (4-5)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-10**Date Collected:** 06/18/18 10:05**Client ID:** 5-WC (4-5)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-12
 Client ID: 8-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:55
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 14:08
 Analyst: BD
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-12
 Client ID: 8-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:55
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 14:46
 Analyst: AD
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-12**Date Collected:** 06/18/18 11:55**Client ID:** 8-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	5.0	0.80	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-12**Date Collected:** 06/18/18 11:55**Client ID:** 8-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	25	6.4	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Acrolein	ND		ug/kg	31	7.0	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	5.0	0.86	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-14
 Client ID: 9-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:55
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 15:00
 Analyst: BD
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-14
 Client ID: 9-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:55
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 15:12
 Analyst: AD
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-14**Date Collected:** 06/18/18 13:55**Client ID:** 9-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-14**Date Collected:** 06/18/18 13:55**Client ID:** 9-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.7	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Acrolein	ND		ug/kg	28	6.2	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	110	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-16
 Client ID: 12-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:15
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/20/18 15:51
 Analyst: BD
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-16
 Client ID: 12-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:15
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/21/18 15:38
 Analyst: AD
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-16**Date Collected:** 06/18/18 15:15**Client ID:** 12-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-16**Date Collected:** 06/18/18 15:15**Client ID:** 12-WC (0-1)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	23	6.0	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Acrolein	ND		ug/kg	29	6.6	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	120	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.7	1
Methyl cyclohexane	ND		ug/kg	4.7	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/20/18 09:01**Analyst:** MM**Extraction Date:** 06/19/18 13:57**TCLP/SPLP Extraction Date:** 06/19/18 13:57

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16 Batch: WG1127896-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/21/18 08:59
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/21/18 08:59
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/21/18 08:59
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/21/18 08:59
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16 Batch: WG1127896-3 WG1127896-4								
Chloroform	99		96		70-130	3		20
Carbon tetrachloride	100		93		63-132	7		20
Tetrachloroethene	84		81		70-130	4		20
Chlorobenzene	86		82		75-130	5		25
1,2-Dichloroethane	110		100		70-130	10		20
Benzene	97		95		70-130	2		25
Vinyl chloride	96		94		55-140	2		20
1,1-Dichloroethene	99		91		61-145	8		25
Trichloroethene	93		88		70-130	6		25
1,4-Dichlorobenzene	82		78		70-130	5		20
2-Butanone	130		120		63-138	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		112		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		104		70-130
dibromofluoromethane	102		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-3 WG1128316-4								
Methylene chloride	110		116		70-130	5		30
1,1-Dichloroethane	112		115		70-130	3		30
Chloroform	107		113		70-130	5		30
Carbon tetrachloride	108		109		70-130	1		30
1,2-Dichloropropane	109		113		70-130	4		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	99		102		70-130	3		30
Tetrachloroethene	98		98		70-130	0		30
Chlorobenzene	90		95		70-130	5		30
Trichlorofluoromethane	97		99		70-139	2		30
1,2-Dichloroethane	106		112		70-130	6		30
1,1,1-Trichloroethane	108		111		70-130	3		30
Bromodichloromethane	106		112		70-130	6		30
trans-1,3-Dichloropropene	101		103		70-130	2		30
cis-1,3-Dichloropropene	112		116		70-130	4		30
1,1-Dichloropropene	109		115		70-130	5		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	99		101		70-130	2		30
Benzene	107		112		70-130	5		30
Toluene	102		104		70-130	2		30
Ethylbenzene	97		101		70-130	4		30
Chloromethane	116		119		52-130	3		30
Bromomethane	99		95		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-3 WG1128316-4								
Vinyl chloride	117		122		67-130	4		30
Chloroethane	103		109		50-151	6		30
1,1-Dichloroethene	108		112		65-135	4		30
trans-1,2-Dichloroethene	109		118		70-130	8		30
Trichloroethene	102		107		70-130	5		30
1,2-Dichlorobenzene	92		95		70-130	3		30
1,3-Dichlorobenzene	93		98		70-130	5		30
1,4-Dichlorobenzene	91		92		70-130	1		30
Methyl tert butyl ether	100		104		66-130	4		30
p/m-Xylene	99		103		70-130	4		30
o-Xylene	96		99		70-130	3		30
cis-1,2-Dichloroethene	105		113		70-130	7		30
Dibromomethane	106		108		70-130	2		30
Styrene	99		102		70-130	3		30
Dichlorodifluoromethane	116		119		30-146	3		30
Acetone	118		102		54-140	15		30
Carbon disulfide	115		120		59-130	4		30
2-Butanone	82		81		70-130	1		30
Vinyl acetate	99		107		70-130	8		30
4-Methyl-2-pentanone	92		99		70-130	7		30
1,2,3-Trichloropropane	99		100		68-130	1		30
2-Hexanone	76		80		70-130	5		30
Bromochloromethane	96		100		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-3 WG1128316-4								
2,2-Dichloropropane	116		122		70-130	5		30
1,2-Dibromoethane	93		97		70-130	4		30
1,3-Dichloropropane	103		105		69-130	2		30
1,1,1,2-Tetrachloroethane	92		96		70-130	4		30
Bromobenzene	92		96		70-130	4		30
n-Butylbenzene	101		106		70-130	5		30
sec-Butylbenzene	99		103		70-130	4		30
tert-Butylbenzene	91		95		70-130	4		30
o-Chlorotoluene	95		98		70-130	3		30
p-Chlorotoluene	96		99		70-130	3		30
1,2-Dibromo-3-chloropropane	89		89		68-130	0		30
Hexachlorobutadiene	100		105		67-130	5		30
Isopropylbenzene	97		101		70-130	4		30
p-Isopropyltoluene	93		95		70-130	2		30
Naphthalene	84		88		70-130	5		30
Acrylonitrile	99		109		70-130	10		30
Tert-Butyl Alcohol	99		102		70-130	3		30
n-Propylbenzene	98		100		70-130	2		30
1,2,3-Trichlorobenzene	89		93		70-130	4		30
1,2,4-Trichlorobenzene	88		92		70-130	4		30
1,3,5-Trimethylbenzene	99		102		70-130	3		30
1,2,4-Trimethylbenzene	98		103		70-130	5		30
Methyl Acetate	106		115		51-146	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14,16 Batch: WG1128316-3 WG1128316-4								
Acrolein	108		119		70-130	10		30
Cyclohexane	117		119		59-142	2		30
1,4-Dioxane	92		100		65-136	8		30
Freon-113	114		116		50-139	2		30
p-Diethylbenzene	91		94		70-130	3		30
p-Ethyltoluene	100		104		70-130	4		30
1,2,4,5-Tetramethylbenzene	89		91		70-130	2		30
Ethyl ether	106		112		67-130	6		30
trans-1,4-Dichloro-2-butene	110		110		70-130	0		30
Methyl cyclohexane	108		112		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 15:36
 Analyst: RC
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	91		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 21:49
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	730		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	330		ug/kg	110	21.	1
Benzo(a)pyrene	330		ug/kg	150	45.	1
Benzo(b)fluoranthene	440		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	30.	1
Chrysene	330		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	120		ug/kg	110	36.	1
Benzo(ghi)perylene	200		ug/kg	150	22.	1
Fluorene	42	J	ug/kg	180	18.	1
Phenanthrene	500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	54	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	150	26.	1
Pyrene	620		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	24	J	ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-01**Date Collected:** 06/18/18 10:20**Client ID:** 3/4-WC (0-10)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	46	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	61		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 16:01
 Analyst: RC
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	95		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 22:15
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	160	21.	1
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	2400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	79	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	1000		ug/kg	120	22.	1
Benzo(a)pyrene	1100		ug/kg	160	48.	1
Benzo(b)fluoranthene	1500		ug/kg	120	34.	1
Benzo(k)fluoranthene	480		ug/kg	120	32.	1
Chrysene	1100		ug/kg	120	21.	1
Acenaphthylene	320		ug/kg	160	31.	1
Anthracene	410		ug/kg	120	39.	1
Benzo(ghi)perylene	760		ug/kg	160	23.	1
Fluorene	130	J	ug/kg	200	19.	1
Phenanthrene	1600		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	190		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	790		ug/kg	160	28.	1
Pyrene	2100		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	65	J	ug/kg	200	19.	1
2-Methylnaphthalene	40	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	62	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	290	31.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-03**Date Collected:** 06/18/18 11:40**Client ID:** 1/2-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	260		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	68		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05
 Client ID: 15/16-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 16:26
 Analyst: RC
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	91		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05
 Client ID: 15/16-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 22:40
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	3800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	100	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05
 Client ID: 15/16-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1600		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	45.	1
Benzo(b)fluoranthene	2000		ug/kg	110	31.	1
Benzo(k)fluoranthene	710		ug/kg	110	30.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	210		ug/kg	150	29.	1
Anthracene	550		ug/kg	110	36.	1
Benzo(ghi)perylene	1000		ug/kg	150	22.	1
Fluorene	160	J	ug/kg	190	18.	1
Phenanthrene	2500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	230		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	26.	1
Pyrene	3600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	100	J	ug/kg	190	18.	1
2-Methylnaphthalene	55	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-05**Date Collected:** 06/18/18 14:25**Client ID:** 15/16-WC (0-10)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	200		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	71		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07
 Client ID: 25/26-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 16:52
 Analyst: RC
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	70		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	89		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07
 Client ID: 25/26-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 23:05
 Analyst: EK
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1300		ug/kg	150	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	10000	E	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	940		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07
 Client ID: 25/26-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	4900		ug/kg	120	22.	1
Benzo(a)pyrene	4300		ug/kg	150	47.	1
Benzo(b)fluoranthene	5700		ug/kg	120	32.	1
Benzo(k)fluoranthene	1700		ug/kg	120	31.	1
Chrysene	4400		ug/kg	120	20.	1
Acenaphthylene	180		ug/kg	150	30.	1
Anthracene	3000		ug/kg	120	38.	1
Benzo(ghi)perylene	2300		ug/kg	150	23.	1
Fluorene	1400		ug/kg	190	19.	1
Phenanthrene	10000	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	680		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	2800		ug/kg	150	27.	1
Pyrene	8400	E	ug/kg	120	19.	1
Biphenyl	130	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	870		ug/kg	190	18.	1
2-Methylnaphthalene	450		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	1200		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07 D
 Client ID: 25/26-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/22/18 14:21
 Analyst: SZ
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	12000		ug/kg	230	44.	2
Phenanthrene	12000		ug/kg	230	47.	2
Pyrene	10000		ug/kg	230	38.	2

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/21/18 17:17
Analyst: RC
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	89		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09
 Client ID: 5/6-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 23:31
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	24	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	630		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09

Date Collected: 06/18/18 10:00

Client ID: 5/6-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	340		ug/kg	110	21.	1
Benzo(a)pyrene	360		ug/kg	150	45.	1
Benzo(b)fluoranthene	460		ug/kg	110	31.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1
Chrysene	340		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	28.	1
Anthracene	86	J	ug/kg	110	36.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	25	J	ug/kg	180	18.	1
Phenanthrene	290		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	62	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	150	26.	1
Pyrene	580		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-09**Date Collected:** 06/18/18 10:00**Client ID:** 5/6-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	35	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11
 Client ID: 7/8-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 17:43
 Analyst: RC
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	92		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11
 Client ID: 7/8-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/20/18 23:56
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	600		ug/kg	160	21.	1
Benzidine	ND		ug/kg	670	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	10000	E	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	300		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-11**Date Collected:** 06/18/18 11:50**Client ID:** 7/8-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	5300		ug/kg	120	23.	1
Benzo(a)pyrene	4400		ug/kg	160	50.	1
Benzo(b)fluoranthene	5700		ug/kg	120	34.	1
Benzo(k)fluoranthene	1900		ug/kg	120	32.	1
Chrysene	5000		ug/kg	120	21.	1
Acenaphthylene	390		ug/kg	160	31.	1
Anthracene	2100		ug/kg	120	40.	1
Benzo(ghi)perylene	2400		ug/kg	160	24.	1
Fluorene	670		ug/kg	200	20.	1
Phenanthrene	7400		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	670		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	160	28.	1
Pyrene	9600	E	ug/kg	120	20.	1
Biphenyl	50	J	ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	350		ug/kg	200	19.	1
2-Methylnaphthalene	170	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	42	J	ug/kg	290	32.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-11**Date Collected:** 06/18/18 11:50**Client ID:** 7/8-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	630		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	75		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11 D
 Client ID: 7/8-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/22/18 02:35
 Analyst: PS
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	240	46.	2
Pyrene	11000		ug/kg	240	40.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 18:08
 Analyst: RC
 Percent Solids: 81%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	87		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 00:21
 Analyst: EK
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	160	21.	1
Benzidine	ND		ug/kg	670	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Azobenzene	ND		ug/kg	200	20.	1
Fluoranthene	2400		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	91	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	1100		ug/kg	120	23.	1
Benzo(a)pyrene	1100		ug/kg	160	50.	1
Benzo(b)fluoranthene	1300		ug/kg	120	34.	1
Benzo(k)fluoranthene	450		ug/kg	120	32.	1
Chrysene	1100		ug/kg	120	21.	1
Acenaphthylene	130	J	ug/kg	160	31.	1
Anthracene	410		ug/kg	120	40.	1
Benzo(ghi)perylene	660		ug/kg	160	24.	1
Fluorene	170	J	ug/kg	200	20.	1
Phenanthrene	1700		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	700		ug/kg	160	28.	1
Pyrene	2200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	84	J	ug/kg	200	19.	1
2-Methylnaphthalene	51	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	410	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	290	32.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	160	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	69		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15
 Client ID: 11/12-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 18:34
 Analyst: RC
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	87		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15
 Client ID: 11/12-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/21/18 00:47
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	7000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	76	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15
 Client ID: 11/12-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	3100		ug/kg	110	21.	1
Benzo(a)pyrene	3000		ug/kg	150	45.	1
Benzo(b)fluoranthene	4000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1200		ug/kg	110	30.	1
Chrysene	2900		ug/kg	110	19.	1
Acenaphthylene	190		ug/kg	150	29.	1
Anthracene	1100		ug/kg	110	36.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	190		ug/kg	190	18.	1
Phenanthrene	4000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	490		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	6000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	140	J	ug/kg	190	18.	1
2-Methylnaphthalene	34	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-15**Date Collected:** 06/18/18 15:10**Client ID:** 11/12-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	500		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	31		10-136
4-Terphenyl-d14	60		18-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/20/18 18:01
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/20/18 18:01
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-1					
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/20/18 18:01
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 06/20/18 18:01
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 06/19/18 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	60		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/21/18 10:30
 Analyst: RC
 TCLP/SPLP Extraction Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:19

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128002-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	76		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	93		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-2 WG1127606-3								
Acenaphthene	62		56		31-137	10		50
Benzidine	41		33		10-66	22		50
1,2,4-Trichlorobenzene	58		54		38-107	7		50
Hexachlorobenzene	59		51		40-140	15		50
Bis(2-chloroethyl)ether	61		57		40-140	7		50
2-Chloronaphthalene	63		57		40-140	10		50
3,3'-Dichlorobenzidine	52		45		40-140	14		50
2,4-Dinitrotoluene	69		62		40-132	11		50
2,6-Dinitrotoluene	77		69		40-140	11		50
Azobenzene	68		60		40-140	13		50
Fluoranthene	65		57		40-140	13		50
4-Chlorophenyl phenyl ether	61		54		40-140	12		50
4-Bromophenyl phenyl ether	62		54		40-140	14		50
Bis(2-chloroisopropyl)ether	65		59		40-140	10		50
Bis(2-chloroethoxy)methane	65		58		40-117	11		50
Hexachlorobutadiene	56		52		40-140	7		50
Hexachlorocyclopentadiene	54		49		40-140	10		50
Hexachloroethane	59		54		40-140	9		50
Isophorone	65		59		40-140	10		50
Naphthalene	60		55		40-140	9		50
Nitrobenzene	67		62		40-140	8		50
NDPA/DPA	65		57		36-157	13		50
n-Nitrosodi-n-propylamine	65		59		32-121	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-2 WG1127606-3								
Bis(2-ethylhexyl)phthalate	70		62		40-140	12		50
Butyl benzyl phthalate	75		64		40-140	16		50
Di-n-butylphthalate	68		59		40-140	14		50
Di-n-octylphthalate	74		66		40-140	11		50
Diethyl phthalate	65		57		40-140	13		50
Dimethyl phthalate	65		58		40-140	11		50
Benzo(a)anthracene	63		57		40-140	10		50
Benzo(a)pyrene	65		60		40-140	8		50
Benzo(b)fluoranthene	64		57		40-140	12		50
Benzo(k)fluoranthene	63		57		40-140	10		50
Chrysene	61		55		40-140	10		50
Acenaphthylene	66		60		40-140	10		50
Anthracene	64		57		40-140	12		50
Benzo(ghi)perylene	63		57		40-140	10		50
Fluorene	64		57		40-140	12		50
Phenanthrene	62		56		40-140	10		50
Dibenzo(a,h)anthracene	62		55		40-140	12		50
Indeno(1,2,3-cd)pyrene	64		58		40-140	10		50
Pyrene	64		57		35-142	12		50
Biphenyl	65		59		54-104	10		50
4-Chloroaniline	53		48		40-140	10		50
2-Nitroaniline	79		71		47-134	11		50
3-Nitroaniline	66		60		26-129	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-2 WG1127606-3								
4-Nitroaniline	73		64		41-125	13		50
Dibenzofuran	61		54		40-140	12		50
2-Methylnaphthalene	63		58		40-140	8		50
1,2,4,5-Tetrachlorobenzene	62		56		40-117	10		50
Acetophenone	62		58		14-144	7		50
n-Nitrosodimethylamine	62		57		22-100	8		50
2,4,6-Trichlorophenol	69		62		30-130	11		50
p-Chloro-m-cresol	68		62		26-103	9		50
2-Chlorophenol	64		58		25-102	10		50
2,4-Dichlorophenol	66		59		30-130	11		50
2,4-Dimethylphenol	68		62		30-130	9		50
2-Nitrophenol	80		72		30-130	11		50
4-Nitrophenol	79		68		11-114	15		50
2,4-Dinitrophenol	59		52		4-130	13		50
4,6-Dinitro-o-cresol	82		70		10-130	16		50
Pentachlorophenol	44		38		17-109	15		50
Phenol	62		57		26-90	8		50
2-Methylphenol	67		59		30-130	13		50
3-Methylphenol/4-Methylphenol	67		61		30-130	9		50
2,4,5-Trichlorophenol	68		62		30-130	9		50
Benzoic Acid	22		20		10-110	10		50
Benzyl Alcohol	68		62		40-140	9		50
Carbazole	64		57		54-128	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127606-2 WG1127606-3								
Atrazine	71		60		40-140	17		50
Benzaldehyde	60		54		40-140	11		50
Caprolactam	76		69		15-130	10		50
2,3,4,6-Tetrachlorophenol	66		59		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		59		25-120
Phenol-d6	66		59		10-120
Nitrobenzene-d5	69		61		23-120
2-Fluorobiphenyl	64		56		30-120
2,4,6-Tribromophenol	65		56		10-136
4-Terphenyl-d14	65		55		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128002-2 WG1128002-3								
Hexachlorobenzene	69		76		40-140	10		30
2,4-Dinitrotoluene	84		92		40-132	9		30
Hexachlorobutadiene	62		65		28-111	5		30
Hexachloroethane	64		67		21-105	5		30
Nitrobenzene	79		85		40-140	7		30
2,4,6-Trichlorophenol	82		88		30-130	7		30
Pentachlorophenol	61		65		9-103	6		30
2-Methylphenol	78		82		30-130	5		30
3-Methylphenol/4-Methylphenol	78		84		30-130	7		30
2,4,5-Trichlorophenol	82		90		30-130	9		30
Pyridine	34		24		10-66	34	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		78		21-120
Phenol-d6	71		75		10-120
Nitrobenzene-d5	84		88		23-120
2-Fluorobiphenyl	76		83		15-120
2,4,6-Tribromophenol	81		90		10-120
4-Terphenyl-d14	80		89		33-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-01
Client ID: 3/4-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/21/18 21:54
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	62.3		mg/kg	36.4	3.64	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	81			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-01
Client ID: 3/4-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 17:48
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	51.6		mg/kg	26.4	26.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	79			40-140		
o-Terphenyl	79			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-03
Client ID: 1/2-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/21/18 23:34
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	346.		mg/kg	39.9	4.00	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	70			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/20/18 18:18
 Analyst: MEO
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	148		mg/kg	29.0	29.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	82			40-140		
o-Terphenyl	79			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 00:07
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	126.		mg/kg	36.7	3.68	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	60			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 18:49
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	128		mg/kg	26.7	26.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	75			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 00:40
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	115.		mg/kg	39.4	3.95	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	64			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 19:19
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	178		mg/kg	27.6	27.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	85		40-140
o-Terphenyl	76		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 01:13
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	182.		mg/kg	35.5	3.56	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	66			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 19:50
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	132		mg/kg	25.8	25.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	83		40-140
o-Terphenyl	82		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 01:46
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	236.		mg/kg	39.8	3.99	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	63			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 16:16
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	262		mg/kg	28.1	28.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	62		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 02:19
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	395.		mg/kg	40.2	4.03	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	70			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 16:47
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	192		mg/kg	28.2	28.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	75			40-140		
o-Terphenyl	73			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/22/18 02:52
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	321.		mg/kg	37.2	3.72	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/18 17:17
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	405		mg/kg	27.5	27.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	86		40-140
o-Terphenyl	81		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 06/21/18 21:21
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 00:43

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127704-1					
DROD (C9-C44)	ND		mg/kg	31.7	3.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 06/20/18 10:07

Extraction Date: 06/20/18 02:29

Analyst: DG

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127719-1					
Total EPH	ND		mg/kg	23.0	23.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	87		40-140
o-Terphenyl	88		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127704-2								
Total Petroleum Hydrocarbons (C9-C44)	76		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	70				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127719-2 WG1127719-3								
Total EPH	101		102		40-140	1		25
Nonane (C9)	74		78		40-140	5		25
Decane (C10)	84		89		40-140	6		25
Dodecane (C12)	85		87		40-140	2		25
Tetradecane (C14)	86		89		40-140	3		25
Hexadecane (C16)	89		89		40-140	0		25
Octadecane (C18)	92		91		40-140	1		25
Eicosane (C20)	91		90		40-140	1		25
Heneicosane (C21)	92		90		40-140	2		25
Docosane (C22)	92		90		40-140	2		25
Tetracosane (C24)	92		91		40-140	1		25
Hexacosane (C26)	93		91		40-140	2		25
Octacosane (C28)	92		90		40-140	2		25
triacontane (C30)	92		90		40-140	2		25
Dotriacontane (C32)	93		91		40-140	2		25
Tetratriacontane (C34)	92		90		40-140	2		25
Hexatriacontane (C36)	98		94		40-140	4		25
Octatriacontane (C38)	98		95		40-140	3		25
Tetracontane (C40)	99		96		40-140	3		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127719-2 WG1127719-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	83		81		40-140
o-Terphenyl	84		83		40-140

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Petroleum Hydrocarbon Quantitation - Westborough Lab Client ID: 3/4-WC (0-10)												
Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127704-3 QC Sample: L1822860-01												
Total Petroleum Hydrocarbons (C9-C44)	62.3	120	121	49		-	-		40-140	-		40

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
o-Terphenyl	60				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab L1822958-01 Client ID: MS Sample Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127719-4 QC Sample:												
Total EPH	134	258	482	135	-	-	-	-	40-140	-	-	50
Nonane (C9)	ND	7.18	5.37	75	-	-	-	-	40-140	-	-	50
Decane (C10)	ND	7.18	6.16	86	-	-	-	-	40-140	-	-	50
Dodecane (C12)	ND	7.18	6.08	85	-	-	-	-	40-140	-	-	50
Tetradecane (C14)	ND	7.18	7.06	98	-	-	-	-	40-140	-	-	50
Hexadecane (C16)	ND	7.18	6.45	90	-	-	-	-	40-140	-	-	50
Octadecane (C18)	ND	7.18	6.75	94	-	-	-	-	40-140	-	-	50
Eicosane (C20)	ND	7.18	6.60	92	-	-	-	-	40-140	-	-	50
Heneicosane (C21)	ND	7.18	6.65	93	-	-	-	-	40-140	-	-	50
Docosane (C22)	ND	7.18	6.57	92	-	-	-	-	40-140	-	-	50
Tetracosane (C24)	ND	7.18	6.62	92	-	-	-	-	40-140	-	-	50
Hexacosane (C26)	ND	7.18	6.61	92	-	-	-	-	40-140	-	-	50
Octacosane (C28)	ND	7.18	6.54	91	-	-	-	-	40-140	-	-	50
triacontane (C30)	ND	7.18	6.52	91	-	-	-	-	40-140	-	-	50
Dotriacontane (C32)	ND	7.18	6.43	90	-	-	-	-	40-140	-	-	50
Tetratriacontane (C34)	ND	7.18	6.22	87	-	-	-	-	40-140	-	-	50
Hexatriacontane (C36)	ND	7.18	6.44	90	-	-	-	-	40-140	-	-	50
Octatriacontane (C38)	ND	7.18	6.39	89	-	-	-	-	40-140	-	-	50
Tetracontane (C40)	ND	7.18	6.42	89	-	-	-	-	40-140	-	-	50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	81				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127719-4 QC Sample: L1822958-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	83				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127704-4 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
DROD (C9-C44)	62.3	59.3	mg/kg	5		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		76		40-140

Lab Duplicate Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127719-5 QC Sample: L1822958-01 Client ID: DUP Sample						
Total EPH	134	163	mg/kg	20		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	87		82		40-140
o-Terphenyl	88		82		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/18 11:38
 Analyst: WR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 01:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	4.30	1	A
Aroclor 1221	ND		ug/kg	37.9	5.76	1	A
Aroclor 1232	ND		ug/kg	37.9	3.73	1	A
Aroclor 1242	ND		ug/kg	37.9	4.64	1	A
Aroclor 1248	ND		ug/kg	37.9	4.25	1	A
Aroclor 1254	ND		ug/kg	37.9	3.09	1	A
Aroclor 1260	8.85	J	ug/kg	37.9	3.95	1	A
Aroclor 1262	ND		ug/kg	37.9	3.11	1	A
Aroclor 1268	ND		ug/kg	37.9	2.68	1	A
PCBs, Total	8.85	J	ug/kg	37.9	2.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/18 11:51
 Analyst: WR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 01:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	4.49	1	A
Aroclor 1221	ND		ug/kg	39.6	6.03	1	A
Aroclor 1232	ND		ug/kg	39.6	3.90	1	A
Aroclor 1242	ND		ug/kg	39.6	4.85	1	A
Aroclor 1248	ND		ug/kg	39.6	4.44	1	A
Aroclor 1254	ND		ug/kg	39.6	3.23	1	A
Aroclor 1260	60.0		ug/kg	39.6	4.14	1	B
Aroclor 1262	ND		ug/kg	39.6	3.26	1	A
Aroclor 1268	ND		ug/kg	39.6	2.80	1	A
PCBs, Total	60.0		ug/kg	39.6	2.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/18 12:05
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 01:37
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	4.07	1	A
Aroclor 1221	ND		ug/kg	35.9	5.47	1	A
Aroclor 1232	ND		ug/kg	35.9	3.53	1	A
Aroclor 1242	ND		ug/kg	35.9	4.40	1	A
Aroclor 1248	ND		ug/kg	35.9	4.03	1	A
Aroclor 1254	ND		ug/kg	35.9	2.93	1	A
Aroclor 1260	5.74	J	ug/kg	35.9	3.75	1	B
Aroclor 1262	ND		ug/kg	35.9	2.95	1	A
Aroclor 1268	ND		ug/kg	35.9	2.54	1	A
PCBs, Total	5.74	J	ug/kg	35.9	2.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/18 12:18
Analyst: WR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 01:37
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	4.49	1	A
Aroclor 1221	ND		ug/kg	39.6	6.03	1	A
Aroclor 1232	ND		ug/kg	39.6	3.90	1	A
Aroclor 1242	ND		ug/kg	39.6	4.85	1	A
Aroclor 1248	ND		ug/kg	39.6	4.45	1	A
Aroclor 1254	ND		ug/kg	39.6	3.23	1	A
Aroclor 1260	14.8	J	ug/kg	39.6	4.14	1	B
Aroclor 1262	ND		ug/kg	39.6	3.26	1	A
Aroclor 1268	4.74	J	ug/kg	39.6	2.80	1	B
PCBs, Total	19.5	J	ug/kg	39.6	2.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/18 12:31
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 01:37
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.59	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	ND		ug/kg	36.7	4.12	1	A
Aroclor 1254	ND		ug/kg	36.7	3.00	1	A
Aroclor 1260	4.32	J	ug/kg	36.7	3.83	1	B
Aroclor 1262	ND		ug/kg	36.7	3.02	1	A
Aroclor 1268	ND		ug/kg	36.7	2.60	1	A
PCBs, Total	4.32	J	ug/kg	36.7	2.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/18 12:44
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 01:37
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	4.56	1	A
Aroclor 1221	ND		ug/kg	40.2	6.12	1	A
Aroclor 1232	ND		ug/kg	40.2	3.96	1	A
Aroclor 1242	ND		ug/kg	40.2	4.92	1	A
Aroclor 1248	ND		ug/kg	40.2	4.51	1	A
Aroclor 1254	ND		ug/kg	40.2	3.28	1	A
Aroclor 1260	ND		ug/kg	40.2	4.20	1	A
Aroclor 1262	ND		ug/kg	40.2	3.31	1	A
Aroclor 1268	ND		ug/kg	40.2	2.85	1	A
PCBs, Total	ND		ug/kg	40.2	2.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/21/18 13:56
 Analyst: HT
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 01:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	4.56	1	A
Aroclor 1221	ND		ug/kg	40.2	6.12	1	A
Aroclor 1232	ND		ug/kg	40.2	3.95	1	A
Aroclor 1242	ND		ug/kg	40.2	4.92	1	A
Aroclor 1248	ND		ug/kg	40.2	4.51	1	A
Aroclor 1254	ND		ug/kg	40.2	3.28	1	A
Aroclor 1260	15.6	J	ug/kg	40.2	4.20	1	B
Aroclor 1262	ND		ug/kg	40.2	3.30	1	A
Aroclor 1268	7.08	J	ug/kg	40.2	2.84	1	B
PCBs, Total	22.7	J	ug/kg	40.2	2.84	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	32		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/21/18 14:09
Analyst: HT
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 01:37
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	4.28	1	A
Aroclor 1221	ND		ug/kg	37.7	5.74	1	A
Aroclor 1232	ND		ug/kg	37.7	3.71	1	A
Aroclor 1242	ND		ug/kg	37.7	4.62	1	A
Aroclor 1248	ND		ug/kg	37.7	4.23	1	A
Aroclor 1254	ND		ug/kg	37.7	3.08	1	A
Aroclor 1260	37.0	J	ug/kg	37.7	3.94	1	B
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	44.3		ug/kg	37.7	2.67	1	B
PCBs, Total	81.3	J	ug/kg	37.7	2.67	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/21/18 12:57
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 01:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/20/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127709-1						
Aroclor 1016	ND		ug/kg	31.6	3.59	A
Aroclor 1221	ND		ug/kg	31.6	4.82	A
Aroclor 1232	ND		ug/kg	31.6	3.11	A
Aroclor 1242	ND		ug/kg	31.6	3.87	A
Aroclor 1248	ND		ug/kg	31.6	3.55	A
Aroclor 1254	ND		ug/kg	31.6	2.58	A
Aroclor 1260	ND		ug/kg	31.6	3.30	A
Aroclor 1262	ND		ug/kg	31.6	2.60	A
Aroclor 1268	ND		ug/kg	31.6	2.24	A
PCBs, Total	ND		ug/kg	31.6	2.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127709-2 WG1127709-3									
Aroclor 1016	70		72		40-140	3		50	A
Aroclor 1260	70		70		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		86		30-150	A
Decachlorobiphenyl	76		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		83		30-150	B
Decachlorobiphenyl	77		73		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-01
Client ID: 3/4-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/21/18 17:47
Analyst: JW
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 00:34
 Analyst: KEG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.345	1	A
Lindane	ND		ug/kg	0.734	0.328	1	A
Alpha-BHC	ND		ug/kg	0.734	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.668	1	A
Heptachlor	ND		ug/kg	0.881	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.620	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.991	1	A
Endrin	ND		ug/kg	0.734	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	2.72		ug/kg	1.76	0.407	1	B
4,4'-DDD	1.84		ug/kg	1.76	0.628	1	A
4,4'-DDT	4.79	P	ug/kg	3.30	1.42	1	B
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	ND		ug/kg	1.76	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.03	1	A
Toxaphene	ND		ug/kg	33.0	9.25	1	A
cis-Chlordane	2.72		ug/kg	2.20	0.614	1	A
trans-Chlordane	6.19	PI	ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.3	5.84	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01

Date Collected: 06/18/18 10:20

Client ID: 3/4-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	97		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01
 Client ID: 3/4-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/22/18 17:56
 Analyst: SL
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/19/18 16:46
 Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
 Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	77		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 18:00
 Analyst: JW
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-03
Client ID: 1/2-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 18:15
Analyst: SL
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	120		30-150	A
DCAA	91		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03 D
 Client ID: 1/2-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 21:34
 Analyst: KEG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	37.6	7.37	20	A
Lindane	ND		ug/kg	15.7	7.01	20	A
Alpha-BHC	ND		ug/kg	15.7	4.45	20	A
Beta-BHC	ND		ug/kg	37.6	14.3	20	A
Heptachlor	ND		ug/kg	18.8	8.43	20	A
Aldrin	ND		ug/kg	37.6	13.2	20	A
Heptachlor epoxide	ND		ug/kg	70.5	21.2	20	A
Endrin	ND		ug/kg	15.7	6.43	20	A
Endrin aldehyde	ND		ug/kg	47.0	16.4	20	A
Endrin ketone	ND		ug/kg	37.6	9.69	20	A
Dieldrin	ND		ug/kg	23.5	11.8	20	A
4,4'-DDE	ND		ug/kg	37.6	8.70	20	A
4,4'-DDD	ND		ug/kg	37.6	13.4	20	A
4,4'-DDT	ND		ug/kg	70.5	30.2	20	A
Endosulfan I	ND		ug/kg	37.6	8.89	20	A
Endosulfan II	ND		ug/kg	37.6	12.6	20	A
Endosulfan sulfate	ND		ug/kg	15.7	7.46	20	A
Methoxychlor	ND		ug/kg	70.5	21.9	20	A
Toxaphene	ND		ug/kg	705	198.	20	A
cis-Chlordane	ND		ug/kg	47.0	13.1	20	A
trans-Chlordane	ND		ug/kg	47.0	12.4	20	A
Chlordane	ND		ug/kg	306	125.	20	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03 D

Date Collected: 06/18/18 11:40

Client ID: 1/2-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05
 Client ID: 15/16-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 18:13
 Analyst: JW
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05
 Client ID: 15/16-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 00:09
 Analyst: KEG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	1.95	J	ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	1.77	JPI	ug/kg	1.79	0.414	1	B
4,4'-DDD	7.96	P	ug/kg	1.79	0.639	1	B
4,4'-DDT	9.52		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	4.74	P	ug/kg	1.79	0.598	1	B
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	7.11	PI	ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.6	5.93	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-05**Date Collected:** 06/18/18 14:25**Client ID:** 15/16-WC (0-10)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	101		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 18:34
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	127		30-150	A
DCAA	92		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/21/18 18:25
Analyst: JW
Percent Solids: 84%
TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/18 03:04
Analyst: KEG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/18 02:06
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	2.32	P	ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	10.6		ug/kg	3.36	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	1.52	JPI	ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	3.82		ug/kg	2.24	0.624	1	A
trans-Chlordane	0.661	JPI	ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	14.6	5.94	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07

Date Collected: 06/18/18 15:25

Client ID: 25/26-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 18:53
Analyst: SL
Percent Solids: 84%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	124		30-150	A
DCAA	92		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/21/18 18:38
Analyst: JW
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 19:12
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	77		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09 D
 Client ID: 5/6-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/22/18 03:34
 Analyst: SL
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.83	1.73	5	A
Lindane	ND		ug/kg	3.68	1.64	5	A
Alpha-BHC	ND		ug/kg	3.68	1.04	5	A
Beta-BHC	ND		ug/kg	8.83	3.35	5	A
Heptachlor	ND		ug/kg	4.41	1.98	5	A
Aldrin	ND		ug/kg	8.83	3.11	5	A
Heptachlor epoxide	ND		ug/kg	16.5	4.96	5	A
Endrin	ND		ug/kg	3.68	1.51	5	A
Endrin aldehyde	ND		ug/kg	11.0	3.86	5	A
Endrin ketone	ND		ug/kg	8.83	2.27	5	A
Dieldrin	ND		ug/kg	5.52	2.76	5	A
4,4'-DDE	ND		ug/kg	8.83	2.04	5	A
4,4'-DDD	ND		ug/kg	8.83	3.15	5	B
4,4'-DDT	ND		ug/kg	16.5	7.10	5	A
Endosulfan I	ND		ug/kg	8.83	2.08	5	A
Endosulfan II	ND		ug/kg	8.83	2.95	5	A
Endosulfan sulfate	ND		ug/kg	3.68	1.75	5	A
Methoxychlor	ND		ug/kg	16.5	5.15	5	A
Toxaphene	ND		ug/kg	165	46.3	5	A
cis-Chlordane	ND		ug/kg	11.0	3.07	5	A
trans-Chlordane	ND		ug/kg	11.0	2.91	5	A
Chlordane	ND		ug/kg	71.7	29.2	5	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09 D

Date Collected: 06/18/18 10:00

Client ID: 5/6-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	83		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/21/18 18:50
Analyst: JW
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	129		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11
 Client ID: 7/8-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/22/18 03:17
 Analyst: KEG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	1.60	J	ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	ND		ug/kg	1.19	0.594	1	A
4,4'-DDE	ND		ug/kg	1.90	0.439	1	A
4,4'-DDD	ND		ug/kg	1.90	0.678	1	A
4,4'-DDT	ND		ug/kg	3.56	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	1.61	JPI	ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.792	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.98	1	A
cis-Chlordane	ND		ug/kg	2.38	0.662	1	A
trans-Chlordane	ND		ug/kg	2.38	0.627	1	A
Chlordane	ND		ug/kg	15.4	6.29	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11

Date Collected: 06/18/18 11:50

Client ID: 7/8-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 19:31
Analyst: SL
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	128		30-150	A
DCAA	101		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 19:03
 Analyst: JW
 Percent Solids: 81%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 19:49
Analyst: SL
Percent Solids: 81%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	129		30-150	A
DCAA	100		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13 D
 Client ID: 9/10-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/22/18 21:28
 Analyst: KEG
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	19.3	3.78	10	A
Lindane	ND		ug/kg	8.04	3.60	10	A
Alpha-BHC	ND		ug/kg	8.04	2.28	10	A
Beta-BHC	ND		ug/kg	19.3	7.32	10	A
Heptachlor	ND		ug/kg	9.65	4.33	10	A
Aldrin	ND		ug/kg	19.3	6.80	10	A
Heptachlor epoxide	ND		ug/kg	36.2	10.8	10	A
Endrin	ND		ug/kg	8.04	3.30	10	A
Endrin aldehyde	ND		ug/kg	24.1	8.44	10	A
Endrin ketone	ND		ug/kg	19.3	4.97	10	A
Dieldrin	ND		ug/kg	12.1	6.03	10	A
4,4'-DDE	ND		ug/kg	19.3	4.46	10	A
4,4'-DDD	ND		ug/kg	19.3	6.88	10	A
4,4'-DDT	16.9	J	ug/kg	36.2	15.5	10	B
Endosulfan I	ND		ug/kg	19.3	4.56	10	A
Endosulfan II	ND		ug/kg	19.3	6.45	10	A
Endosulfan sulfate	ND		ug/kg	8.04	3.83	10	A
Methoxychlor	ND		ug/kg	36.2	11.2	10	A
Toxaphene	ND		ug/kg	362	101.	10	A
cis-Chlordane	ND		ug/kg	24.1	6.72	10	A
trans-Chlordane	ND		ug/kg	24.1	6.37	10	A
Chlordane	ND		ug/kg	157	63.9	10	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13 D

Date Collected: 06/18/18 13:50

Client ID: 9/10-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	140		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15
 Client ID: 11/12-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/21/18 19:15
 Analyst: JW
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/22/18 20:27
Analyst: SL
Percent Solids: 87%
TCLP/SPLP Ext. Date: 06/19/18 16:46
Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	83		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15 D
 Client ID: 11/12-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
 Date Received: 06/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/22/18 21:41
 Analyst: KEG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.6	3.45	10	A
Lindane	ND		ug/kg	7.34	3.28	10	A
Alpha-BHC	ND		ug/kg	7.34	2.08	10	A
Beta-BHC	ND		ug/kg	17.6	6.68	10	A
Heptachlor	ND		ug/kg	8.81	3.95	10	A
Aldrin	ND		ug/kg	17.6	6.20	10	A
Heptachlor epoxide	ND		ug/kg	33.0	9.91	10	A
Endrin	ND		ug/kg	7.34	3.01	10	A
Endrin aldehyde	ND		ug/kg	22.0	7.71	10	A
Endrin ketone	ND		ug/kg	17.6	4.54	10	A
Dieldrin	ND		ug/kg	11.0	5.51	10	A
4,4'-DDE	ND		ug/kg	17.6	4.07	10	A
4,4'-DDD	12.6	J	ug/kg	17.6	6.28	10	B
4,4'-DDT	58.9		ug/kg	33.0	14.2	10	A
Endosulfan I	ND		ug/kg	17.6	4.16	10	A
Endosulfan II	ND		ug/kg	17.6	5.89	10	A
Endosulfan sulfate	ND		ug/kg	7.34	3.49	10	A
Methoxychlor	ND		ug/kg	33.0	10.3	10	A
Toxaphene	ND		ug/kg	330	92.5	10	A
cis-Chlordane	ND		ug/kg	22.0	6.14	10	A
trans-Chlordane	ND		ug/kg	22.0	5.81	10	A
Chlordane	ND		ug/kg	143	58.4	10	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15 D

Date Collected: 06/18/18 15:10

Client ID: 11/12-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	110		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/20/18 23:57
 Analyst: KEG.

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127712-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.942	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.879	A
Toxaphene	ND		ug/kg	28.3	7.91	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.2	4.99	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/20/18 23:57
 Analyst: KEG.

Extraction Method: EPA 3546
 Extraction Date: 06/20/18 02:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/20/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127712-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	100		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 06/21/18 17:10
 Analyst: JW
 TCLP/SPLP Extraction Date: 06/19/18 16:46

Extraction Method: EPA 3510C
 Extraction Date: 06/20/18 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128015-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	129		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8151A
 Analytical Date: 06/22/18 16:59
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/19/18 16:46
 Methylation Date: 06/21/18 14:23

Extraction Method: EPA 8151A
 Extraction Date: 06/21/18 01:21

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128131-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	148		30-150	A
DCAA	105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127712-2 WG1127712-3									
Delta-BHC	94		105		30-150	11		30	A
Lindane	87		97		30-150	11		30	A
Alpha-BHC	89		98		30-150	10		30	A
Beta-BHC	78		90		30-150	14		30	A
Heptachlor	78		86		30-150	10		30	A
Aldrin	82		93		30-150	13		30	A
Heptachlor epoxide	81		90		30-150	11		30	A
Endrin	89		98		30-150	10		30	A
Endrin aldehyde	77		91		30-150	17		30	A
Endrin ketone	95		110		30-150	15		30	A
Dieldrin	92		103		30-150	11		30	A
4,4'-DDE	87		96		30-150	10		30	A
4,4'-DDD	89		100		30-150	12		30	A
4,4'-DDT	89		99		30-150	11		30	A
Endosulfan I	88		98		30-150	11		30	A
Endosulfan II	88		101		30-150	14		30	A
Endosulfan sulfate	98		113		30-150	14		30	A
Methoxychlor	78		90		30-150	14		30	A
cis-Chlordane	75		84		30-150	11		30	A
trans-Chlordane	91		98		30-150	7		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127712-2 WG1127712-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		72		30-150	B
Decachlorobiphenyl	74		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	61		67		30-150	A
Decachlorobiphenyl	70		89		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128015-2 WG1128015-3									
Lindane	129		144		30-150	11		20	A
Heptachlor	123		136		30-150	10		20	A
Heptachlor epoxide	133		148		30-150	11		20	A
Endrin	134		150		30-150	11		20	A
Methoxychlor	129		146		30-150	12		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		111		30-150	A
Decachlorobiphenyl	132		156	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		97		30-150	B
Decachlorobiphenyl	109		126		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128131-2 WG1128131-3									
2,4-D	167	Q	181	Q	30-150	8		25	A
2,4,5-TP (Silvex)	161	Q	181	Q	30-150	12		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	120		121		30-150	A
DCAA	97		107		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01

Date Collected: 06/18/18 10:20

Client ID: 3/4-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Barium, TCLP	0.475	J	mg/l	0.500	0.021	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Copper, TCLP	0.031	J	mg/l	0.200	0.022	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Lead, TCLP	0.197	J	mg/l	0.500	0.027	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:13	EPA 7470A	1,7470A	KA
Nickel, TCLP	0.050	J	mg/l	0.500	0.024	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC
Zinc, TCLP	0.600		mg/l	0.500	0.021	1	06/21/18 13:30	06/21/18 23:45	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-01

Date Collected: 06/18/18 10:20

Client ID: 3/4-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8530		mg/kg	8.74	2.36	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Antimony, Total	1.93	J	mg/kg	4.37	0.332	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Arsenic, Total	4.60		mg/kg	0.874	0.182	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Barium, Total	88.7		mg/kg	0.874	0.152	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Beryllium, Total	0.393	J	mg/kg	0.437	0.029	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Cadmium, Total	0.682	J	mg/kg	0.874	0.086	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Calcium, Total	10600		mg/kg	8.74	3.06	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Chromium, Total	16.6		mg/kg	0.874	0.084	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Cobalt, Total	6.88		mg/kg	1.75	0.145	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Copper, Total	48.8		mg/kg	0.874	0.225	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Iron, Total	17600		mg/kg	4.37	0.789	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Lead, Total	149		mg/kg	4.37	0.234	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Magnesium, Total	4580		mg/kg	8.74	1.34	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Manganese, Total	275		mg/kg	0.874	0.139	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Mercury, Total	0.120		mg/kg	0.073	0.015	1	06/21/18 10:00	06/21/18 16:40	EPA 7471B	1,7471B	BV
Nickel, Total	29.3		mg/kg	2.18	0.211	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Potassium, Total	664		mg/kg	218	12.6	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.75	0.225	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.874	0.247	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Sodium, Total	144	J	mg/kg	175	2.75	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.275	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Vanadium, Total	23.8		mg/kg	0.874	0.177	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB
Zinc, Total	143		mg/kg	4.37	0.256	2	06/21/18 19:55	06/22/18 01:08	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	17		mg/kg	0.91	0.91	1		06/22/18 01:08	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03

Date Collected: 06/18/18 11:40

Client ID: 1/2-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Barium, TCLP	0.785		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Lead, TCLP	0.751		mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:18	EPA 7470A	1,7470A	KA
Nickel, TCLP	0.094	J	mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC
Zinc, TCLP	3.58		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:19	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-03

Date Collected: 06/18/18 11:40

Client ID: 1/2-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.40	2.54	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Antimony, Total	5.26		mg/kg	4.70	0.357	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Arsenic, Total	5.36		mg/kg	0.940	0.195	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Barium, Total	188		mg/kg	0.940	0.163	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Beryllium, Total	0.310	J	mg/kg	0.470	0.031	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Cadmium, Total	0.958		mg/kg	0.940	0.092	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Calcium, Total	26000		mg/kg	9.40	3.29	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Chromium, Total	15.1		mg/kg	0.940	0.090	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Cobalt, Total	5.72		mg/kg	1.88	0.156	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Copper, Total	88.3		mg/kg	0.940	0.242	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Iron, Total	19000		mg/kg	4.70	0.848	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Lead, Total	400		mg/kg	4.70	0.252	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Magnesium, Total	5200		mg/kg	9.40	1.45	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Manganese, Total	272		mg/kg	0.940	0.149	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Mercury, Total	0.320		mg/kg	0.077	0.016	1	06/21/18 10:00	06/21/18 16:42	EPA 7471B	1,7471B	BV
Nickel, Total	18.6		mg/kg	2.35	0.227	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Potassium, Total	708		mg/kg	235	13.5	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.88	0.242	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Silver, Total	0.329	J	mg/kg	0.940	0.266	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Sodium, Total	277		mg/kg	188	2.96	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.88	0.296	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Vanadium, Total	19.2		mg/kg	0.940	0.191	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB
Zinc, Total	378		mg/kg	4.70	0.275	2	06/21/18 19:55	06/22/18 01:12	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.98	0.98	1		06/22/18 01:12	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05

Date Collected: 06/18/18 14:25

Client ID: 15/16-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Barium, TCLP	0.509		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Lead, TCLP	0.164	J	mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:20	EPA 7470A	1,7470A	KA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC
Zinc, TCLP	0.311	J	mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:24	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-05

Date Collected: 06/18/18 14:25

Client ID: 15/16-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6120		mg/kg	8.94	2.41	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Antimony, Total	1.34	J	mg/kg	4.47	0.340	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Arsenic, Total	3.72		mg/kg	0.894	0.186	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Barium, Total	163		mg/kg	0.894	0.156	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Beryllium, Total	0.322	J	mg/kg	0.447	0.030	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Cadmium, Total	0.626	J	mg/kg	0.894	0.088	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Calcium, Total	9020		mg/kg	8.94	3.13	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Chromium, Total	13.8		mg/kg	0.894	0.086	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Cobalt, Total	4.76		mg/kg	1.79	0.148	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Copper, Total	31.8		mg/kg	0.894	0.230	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Iron, Total	12500		mg/kg	4.47	0.807	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Lead, Total	242		mg/kg	4.47	0.240	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Magnesium, Total	2380		mg/kg	8.94	1.38	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Manganese, Total	370		mg/kg	0.894	0.142	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Mercury, Total	0.182		mg/kg	0.071	0.015	1	06/21/18 10:00	06/21/18 16:44	EPA 7471B	1,7471B	BV
Nickel, Total	17.8		mg/kg	2.23	0.216	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Potassium, Total	465		mg/kg	223	12.9	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.79	0.230	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.894	0.253	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Sodium, Total	119	J	mg/kg	179	2.82	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Vanadium, Total	21.6		mg/kg	0.894	0.181	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB
Zinc, Total	178		mg/kg	4.47	0.262	2	06/21/18 19:55	06/22/18 01:35	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.91	0.91	1		06/22/18 01:35	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07

Date Collected: 06/18/18 15:25

Client ID: 25/26-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Barium, TCLP	0.209	J	mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Lead, TCLP	0.407	J	mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:25	EPA 7470A	1,7470A	KA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC
Zinc, TCLP	0.491	J	mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:29	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-07

Date Collected: 06/18/18 15:25

Client ID: 25/26-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9120		mg/kg	9.31	2.51	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Antimony, Total	1.42	J	mg/kg	4.65	0.354	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Arsenic, Total	7.70		mg/kg	0.931	0.194	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Barium, Total	198		mg/kg	0.931	0.162	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Beryllium, Total	0.391	J	mg/kg	0.465	0.031	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Cadmium, Total	0.856	J	mg/kg	0.931	0.091	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Calcium, Total	28000		mg/kg	9.31	3.26	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Chromium, Total	18.0		mg/kg	0.931	0.089	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Cobalt, Total	5.79		mg/kg	1.86	0.154	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Copper, Total	44.2		mg/kg	0.931	0.240	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Iron, Total	13900		mg/kg	4.65	0.840	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Lead, Total	475		mg/kg	4.65	0.249	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Magnesium, Total	2780		mg/kg	9.31	1.43	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Manganese, Total	343		mg/kg	0.931	0.148	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Mercury, Total	0.819		mg/kg	0.075	0.016	1	06/21/18 10:00	06/21/18 16:46	EPA 7471B	1,7471B	BV
Nickel, Total	22.0		mg/kg	2.33	0.225	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Potassium, Total	819		mg/kg	233	13.4	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Selenium, Total	0.279	J	mg/kg	1.86	0.240	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Silver, Total	0.344	J	mg/kg	0.931	0.263	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Sodium, Total	330		mg/kg	186	2.93	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.86	0.293	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Vanadium, Total	27.6		mg/kg	0.931	0.189	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB
Zinc, Total	318		mg/kg	4.65	0.273	2	06/21/18 19:55	06/22/18 01:39	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	18		mg/kg	0.95	0.95	1		06/22/18 01:39	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09

Date Collected: 06/18/18 10:00

Client ID: 5/6-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Barium, TCLP	1.10		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Lead, TCLP	0.122	J	mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:27	EPA 7470A	1,7470A	KA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC
Zinc, TCLP	0.435	J	mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:34	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-09

Date Collected: 06/18/18 10:00

Client ID: 5/6-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7200		mg/kg	8.65	2.34	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Antimony, Total	1.42	J	mg/kg	4.32	0.329	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Arsenic, Total	11.4		mg/kg	0.865	0.180	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Barium, Total	91.2		mg/kg	0.865	0.150	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Beryllium, Total	0.354	J	mg/kg	0.432	0.029	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.865	0.085	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Calcium, Total	10600		mg/kg	8.65	3.03	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Chromium, Total	11.3		mg/kg	0.865	0.083	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Cobalt, Total	5.27		mg/kg	1.73	0.144	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Copper, Total	35.8		mg/kg	0.865	0.223	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Iron, Total	12200		mg/kg	4.32	0.781	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Lead, Total	114		mg/kg	4.32	0.232	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Magnesium, Total	2040		mg/kg	8.65	1.33	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Manganese, Total	220		mg/kg	0.865	0.138	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Mercury, Total	0.179		mg/kg	0.073	0.015	1	06/21/18 10:00	06/21/18 16:47	EPA 7471B	1,7471B	BV
Nickel, Total	13.8		mg/kg	2.16	0.209	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Potassium, Total	575		mg/kg	216	12.4	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.865	0.245	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Sodium, Total	225		mg/kg	173	2.72	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Vanadium, Total	20.7		mg/kg	0.865	0.176	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC
Zinc, Total	96.2		mg/kg	4.32	0.253	2	06/21/18 21:15	06/22/18 04:40	EPA 3050B	1,6010C	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	11		mg/kg	0.90	0.91	1		06/22/18 04:40	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11

Date Collected: 06/18/18 11:50

Client ID: 7/8-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Barium, TCLP	0.714		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Copper, TCLP	0.044	J	mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Lead, TCLP	2.62		mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:28	EPA 7470A	1,7470A	KA
Nickel, TCLP	0.029	J	mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC
Zinc, TCLP	2.31		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:49	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-11

Date Collected: 06/18/18 11:50

Client ID: 7/8-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5370		mg/kg	9.42	2.54	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Antimony, Total	8.45		mg/kg	4.71	0.358	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Arsenic, Total	23.4		mg/kg	0.942	0.196	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Barium, Total	336		mg/kg	0.942	0.164	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Beryllium, Total	0.330	J	mg/kg	0.471	0.031	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Cadmium, Total	0.283	J	mg/kg	0.942	0.092	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Calcium, Total	14000		mg/kg	9.42	3.30	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Chromium, Total	15.2		mg/kg	0.942	0.090	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Cobalt, Total	6.04		mg/kg	1.88	0.156	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Copper, Total	88.0		mg/kg	0.942	0.243	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Iron, Total	26200		mg/kg	4.71	0.851	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Lead, Total	695		mg/kg	4.71	0.252	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Magnesium, Total	1470		mg/kg	9.42	1.45	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Manganese, Total	247		mg/kg	0.942	0.150	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Mercury, Total	0.343		mg/kg	0.077	0.016	1	06/21/18 10:00	06/21/18 16:49	EPA 7471B	1,7471B	BV
Nickel, Total	21.4		mg/kg	2.36	0.228	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Potassium, Total	715		mg/kg	236	13.6	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Selenium, Total	2.06		mg/kg	1.88	0.243	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Silver, Total	0.414	J	mg/kg	0.942	0.267	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Sodium, Total	902		mg/kg	188	2.97	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.88	0.297	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Vanadium, Total	23.8		mg/kg	0.942	0.191	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC
Zinc, Total	420		mg/kg	4.71	0.276	2	06/21/18 21:15	06/22/18 04:45	EPA 3050B	1,6010C	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.98	0.98	1		06/22/18 04:45	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13

Date Collected: 06/18/18 13:50

Client ID: 9/10-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.028	J	mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Barium, TCLP	0.548		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Cadmium, TCLP	0.011	J	mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Copper, TCLP	0.072	J	mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Lead, TCLP	1.91		mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:30	EPA 7470A	1,7470A	KA
Nickel, TCLP	0.052	J	mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC
Zinc, TCLP	5.88		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 03:54	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-13

Date Collected: 06/18/18 13:50

Client ID: 9/10-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7480		mg/kg	9.34	2.52	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Antimony, Total	2.42	J	mg/kg	4.67	0.355	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Arsenic, Total	7.02		mg/kg	0.934	0.194	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Barium, Total	169		mg/kg	0.934	0.162	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Beryllium, Total	0.392	J	mg/kg	0.467	0.031	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Cadmium, Total	0.243	J	mg/kg	0.934	0.092	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Calcium, Total	18900		mg/kg	9.34	3.27	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Chromium, Total	19.8		mg/kg	0.934	0.090	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Cobalt, Total	6.28		mg/kg	1.87	0.155	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Copper, Total	61.5		mg/kg	0.934	0.241	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Iron, Total	15400		mg/kg	4.67	0.843	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Lead, Total	401		mg/kg	4.67	0.250	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Magnesium, Total	2410		mg/kg	9.34	1.44	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Manganese, Total	253		mg/kg	0.934	0.148	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Mercury, Total	1.46		mg/kg	0.082	0.017	1	06/21/18 10:00	06/21/18 16:51	EPA 7471B	1,7471B	BV
Nickel, Total	25.8		mg/kg	2.33	0.226	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Potassium, Total	848		mg/kg	233	13.4	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.934	0.264	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Sodium, Total	139	J	mg/kg	187	2.94	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.87	0.294	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Vanadium, Total	47.1		mg/kg	0.934	0.190	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC
Zinc, Total	273		mg/kg	4.67	0.274	2	06/21/18 21:15	06/22/18 04:50	EPA 3050B	1,6010C	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	20		mg/kg	0.99	0.99	1		06/22/18 04:50	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15

Date Collected: 06/18/18 15:10

Client ID: 11/12-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/18 16:46

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Barium, TCLP	1.14		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Cadmium, TCLP	0.015	J	mg/l	0.100	0.010	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Copper, TCLP	0.036	J	mg/l	0.200	0.022	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Lead, TCLP	0.528		mg/l	0.500	0.027	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:32	EPA 7470A	1,7470A	KA
Nickel, TCLP	0.146	J	mg/l	0.500	0.024	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC
Zinc, TCLP	1.83		mg/l	0.500	0.021	1	06/21/18 13:30	06/22/18 04:00	EPA 3015	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS**

Lab ID: L1822860-15

Date Collected: 06/18/18 15:10

Client ID: 11/12-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7610		mg/kg	8.73	2.36	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Antimony, Total	5.82		mg/kg	4.37	0.332	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Arsenic, Total	8.11		mg/kg	0.873	0.182	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Barium, Total	231		mg/kg	0.873	0.152	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Beryllium, Total	0.454		mg/kg	0.437	0.029	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Cadmium, Total	0.498	J	mg/kg	0.873	0.086	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Calcium, Total	11600		mg/kg	8.73	3.06	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Chromium, Total	20.6		mg/kg	0.873	0.084	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Cobalt, Total	6.42		mg/kg	1.75	0.145	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Copper, Total	362		mg/kg	0.873	0.225	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Iron, Total	26400		mg/kg	4.37	0.789	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Lead, Total	1100		mg/kg	4.37	0.234	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Magnesium, Total	2450		mg/kg	8.73	1.34	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Manganese, Total	257		mg/kg	0.873	0.139	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Mercury, Total	0.283		mg/kg	0.074	0.016	1	06/21/18 10:00	06/21/18 16:53	EPA 7471B	1,7471B	BV
Nickel, Total	28.2		mg/kg	2.18	0.211	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Potassium, Total	783		mg/kg	218	12.6	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.75	0.225	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Silver, Total	0.349	J	mg/kg	0.873	0.247	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Sodium, Total	340		mg/kg	175	2.75	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.75	0.275	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Vanadium, Total	21.0		mg/kg	0.873	0.177	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC
Zinc, Total	301		mg/kg	4.37	0.256	2	06/21/18 21:15	06/22/18 04:55	EPA 3050B	1,6010C	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	21		mg/kg	0.92	0.92	1		06/22/18 04:55	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128153-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/21/18 10:00	06/21/18 11:49	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128395-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC
Zinc, TCLP	ND		mg/l	0.500	0.021	1	06/21/18 13:30	06/21/18 23:10	1,6010C	MC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/19/18 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128405-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/21/18 13:53	06/22/18 09:09	1,7470A	KA

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/19/18 16:46



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1128503-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Antimony, Total	ND	mg/kg	2.00	0.152	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Arsenic, Total	ND	mg/kg	0.400	0.083	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Barium, Total	ND	mg/kg	0.400	0.070	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Beryllium, Total	ND	mg/kg	0.200	0.013	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Cadmium, Total	ND	mg/kg	0.400	0.039	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Calcium, Total	ND	mg/kg	4.00	1.40	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Cobalt, Total	ND	mg/kg	0.800	0.066	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Copper, Total	ND	mg/kg	0.400	0.103	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Iron, Total	ND	mg/kg	2.00	0.361	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Lead, Total	ND	mg/kg	2.00	0.107	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Magnesium, Total	ND	mg/kg	4.00	0.616	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Manganese, Total	ND	mg/kg	0.400	0.064	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Nickel, Total	ND	mg/kg	1.00	0.097	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Potassium, Total	ND	mg/kg	100	5.76	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Selenium, Total	ND	mg/kg	0.800	0.103	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Silver, Total	ND	mg/kg	0.400	0.113	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Sodium, Total	ND	mg/kg	80.0	1.26	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Thallium, Total	ND	mg/kg	0.800	0.126	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Vanadium, Total	ND	mg/kg	0.400	0.081	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB
Zinc, Total	ND	mg/kg	2.00	0.117	1	06/21/18 19:55	06/21/18 22:40	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09,11,13,15 Batch: WG1128505-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Antimony, Total	ND	mg/kg	2.00	0.152	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Arsenic, Total	ND	mg/kg	0.400	0.083	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Barium, Total	ND	mg/kg	0.400	0.070	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.200	0.013	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Cadmium, Total	ND	mg/kg	0.400	0.039	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Calcium, Total	ND	mg/kg	4.00	1.40	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Cobalt, Total	ND	mg/kg	0.800	0.066	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Copper, Total	ND	mg/kg	0.400	0.103	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Iron, Total	ND	mg/kg	2.00	0.361	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Magnesium, Total	ND	mg/kg	4.00	0.616	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Manganese, Total	ND	mg/kg	0.400	0.064	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Nickel, Total	ND	mg/kg	1.00	0.097	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Potassium, Total	ND	mg/kg	100	5.76	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Selenium, Total	ND	mg/kg	0.800	0.103	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Silver, Total	ND	mg/kg	0.400	0.113	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Sodium, Total	ND	mg/kg	80.0	1.26	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Thallium, Total	ND	mg/kg	0.800	0.126	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Vanadium, Total	ND	mg/kg	0.400	0.081	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC
Zinc, Total	ND	mg/kg	2.00	0.117	1	06/21/18 21:15	06/22/18 04:30	1,6010C	MC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128153-2 SRM Lot Number: D098-540								
Mercury, Total	110		-		50-149	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128395-2								
Arsenic, TCLP	102		-		75-125	-		20
Barium, TCLP	93		-		75-125	-		20
Cadmium, TCLP	100		-		75-125	-		20
Chromium, TCLP	94		-		75-125	-		20
Copper, TCLP	91		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Nickel, TCLP	94		-		75-125	-		20
Selenium, TCLP	105		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20
Zinc, TCLP	103		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128405-2								
Mercury, TCLP	106		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1128503-2 SRM Lot Number: D098-540					
Aluminum, Total	73	-	47-153	-	
Antimony, Total	177	-	6-194	-	
Arsenic, Total	103	-	83-117	-	
Barium, Total	96	-	82-118	-	
Beryllium, Total	99	-	83-117	-	
Cadmium, Total	96	-	82-117	-	
Calcium, Total	94	-	81-118	-	
Chromium, Total	100	-	83-119	-	
Cobalt, Total	95	-	84-116	-	
Copper, Total	103	-	84-116	-	
Iron, Total	96	-	60-140	-	
Lead, Total	97	-	82-117	-	
Magnesium, Total	80	-	76-124	-	
Manganese, Total	93	-	82-118	-	
Nickel, Total	94	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	100	-	78-121	-	
Silver, Total	105	-	80-120	-	
Sodium, Total	96	-	74-126	-	
Thallium, Total	97	-	80-119	-	
Vanadium, Total	99	-	79-121	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1128503-2 SRM Lot Number: D098-540					
Zinc, Total	97	-	81-119	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,13,15 Batch: WG1128505-2 SRM Lot Number: D098-540					
Aluminum, Total	70	-	47-153	-	
Antimony, Total	172	-	6-194	-	
Arsenic, Total	102	-	83-117	-	
Barium, Total	95	-	82-118	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	98	-	82-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	95	-	83-119	-	
Cobalt, Total	98	-	84-116	-	
Copper, Total	99	-	84-116	-	
Iron, Total	93	-	60-140	-	
Lead, Total	94	-	82-117	-	
Magnesium, Total	80	-	76-124	-	
Manganese, Total	94	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	83	-	69-131	-	
Selenium, Total	104	-	78-121	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	95	-	74-126	-	
Thallium, Total	95	-	80-119	-	
Vanadium, Total	96	-	79-121	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,13,15 Batch: WG1128505-2 SRM Lot Number: D098-540					
Zinc, Total	97	-	81-119	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128153-3 QC Sample: L1821791-01 Client ID: MS Sample

Mercury, Total	0.365	0.562	1.08	127	Q	-	-		80-120	-		20

TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128395-3 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)

Arsenic, TCLP	ND	1.2	1.28	107		-	-		75-125	-		20

Barium, TCLP	0.475J	20	19.6	98		-	-		75-125	-		20

Cadmium, TCLP	ND	0.51	0.529	104		-	-		75-125	-		20

Chromium, TCLP	ND	2	1.93	96		-	-		75-125	-		20

Copper, TCLP	0.031J	2.5	2.41	96		-	-		75-125	-		20

Lead, TCLP	0.197J	5.1	5.22	102		-	-		75-125	-		20

Nickel, TCLP	0.050J	5	4.84	97		-	-		75-125	-		20

Selenium, TCLP	ND	1.2	1.32	110		-	-		75-125	-		20

Silver, TCLP	ND	0.5	0.519	104		-	-		75-125	-		20

Zinc, TCLP	0.600	5	5.82	104		-	-		75-125	-		20

TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128405-3 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)

Mercury, TCLP	ND	0.025	0.0260	104		-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1128503-3 WG1128503-4 QC Sample: L1822855-15 Client ID: MS Sample											
Aluminum, Total	8480	181	11400	1610	Q	11100	1440	Q	75-125	3	20
Antimony, Total	1.04J	45.3	36.3	80		37.6	83		75-125	4	20
Arsenic, Total	2.40	10.9	11.7	86		11.7	85		75-125	0	20
Barium, Total	84.8	181	253	93		254	93		75-125	0	20
Beryllium, Total	0.564	4.53	4.45	86		4.54	87		75-125	2	20
Cadmium, Total	0.407J	4.62	4.43	96		4.45	96		75-125	0	20
Calcium, Total	3160	905	4340	130	Q	3880	79		75-125	11	20
Chromium, Total	17.7	18.1	35.9	100		35.4	97		75-125	1	20
Cobalt, Total	2.51	45.3	40.9	85		41.5	86		75-125	1	20
Copper, Total	23.0	22.6	42.2	85		38.0	66	Q	75-125	10	20
Iron, Total	6110	90.5	6770	729	Q	6230	132	Q	75-125	8	20
Lead, Total	31.8	46.2	68.0	78		64.8	71	Q	75-125	5	20
Magnesium, Total	1390	905	2260	96		2170	86		75-125	4	20
Manganese, Total	116.	45.3	167	113		153	81		75-125	9	20
Nickel, Total	15.0	45.3	53.1	84		52.9	83		75-125	0	20
Potassium, Total	603.	905	1530	102		1520	101		75-125	1	20
Selenium, Total	0.712J	10.9	9.76	90		9.50	87		75-125	3	20
Silver, Total	ND	27.2	25.2	93		25.9	95		75-125	3	20
Sodium, Total	117.J	905	931	103		944	104		75-125	1	20
Thallium, Total	ND	10.9	8.32	76		8.59	79		75-125	3	20
Vanadium, Total	10.1	45.3	51.8	92		52.4	93		75-125	1	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1128503-3 WG1128503-4 QC Sample: L1822855-15 Client ID: MS Sample									
Zinc, Total	123.	45.3	162	86	137	31	Q 75-125	17	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,13,15 QC Batch ID: WG1128505-3 QC Sample: L1822602-01 Client ID: MS Sample									
Aluminum, Total	ND	155	176	113	-	-	75-125	-	20
Antimony, Total	ND	38.8	ND	0	Q	-	75-125	-	20
Arsenic, Total	19.0	9.32	32.9	149	Q	-	75-125	-	20
Barium, Total	ND	155	167	107	-	-	75-125	-	20
Beryllium, Total	ND	3.88	3.92	101	-	-	75-125	-	20
Cadmium, Total	1.04J	3.96	3.85J	97	-	-	75-125	-	20
Calcium, Total	ND	777	857	110	-	-	75-125	-	20
Chromium, Total	ND	15.5	16.0	103	-	-	75-125	-	20
Cobalt, Total	3.99J	38.8	40.9	105	-	-	75-125	-	20
Copper, Total	5480	19.4	6230	3860	Q	-	75-125	-	20
Iron, Total	46.7	77.7	134	112	-	-	75-125	-	20
Lead, Total	518.	39.6	517	0	Q	-	75-125	-	20
Magnesium, Total	ND	777	756	97	-	-	75-125	-	20
Manganese, Total	ND	38.8	41.2	106	-	-	75-125	-	20
Nickel, Total	12.5	38.8	50.7	98	-	-	75-125	-	20
Potassium, Total	63.4J	777	911.J	117	-	-	75-125	-	20
Selenium, Total	ND	9.32	2.41J	26	Q	-	75-125	-	20
Silver, Total	118.	23.3	281	699	Q	-	75-125	-	20
Sodium, Total	34.2J	777	927	119	-	-	75-125	-	20
Thallium, Total	6.89J	9.32	12.7	136	Q	-	75-125	-	20
Vanadium, Total	ND	38.8	41.4	106	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,13,15 QC Batch ID: WG1128505-3 QC Sample: L1822602-01 Client ID: MS Sample									
Zinc, Total	ND	38.8	38.9	100	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128153-4 QC Sample: L1821791-01 Client ID: DUP Sample						
Mercury, Total	0.365	0.547	mg/kg	40	Q	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128395-4 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.475J	0.460J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Copper, TCLP	0.031J	0.035J	mg/l	NC		20
Lead, TCLP	0.197J	0.206J	mg/l	NC		20
Nickel, TCLP	0.050J	0.049J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
Zinc, TCLP	0.600	0.572	mg/l	5		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128405-4 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,13,15 QC Batch ID: WG1128505-4 QC Sample: L1822602-01 Client ID: DUP Sample					
Copper, Total	5480	5360	mg/kg	2	20
Lead, Total	518.	528	mg/kg	2	20
Silver, Total	118.	115	mg/kg	3	20
Zinc, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-01
Client ID: 3/4-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-03
Client ID: 1/2-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/21/18 05:40	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-01
Client ID: 3/4-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:20
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.58		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	5.7		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/19/18 19:29	06/20/18 11:04	1,9010C/9012B	LH
pH (H)	7.8		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	388		mg/kg	228	228.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:31	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:44	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-02**Client ID:** 4-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 10:15**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-03
Client ID: 1/2-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:40
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.66		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	7.5		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/19/18 19:29	06/20/18 11:07	1,9010C/9012B	LH
pH (H)	8.0		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	256		mg/kg	244	244.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.976	0.195	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:32	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:45	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-04**Client ID:** 1-WC (7-8)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 11:30**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-05
Client ID: 15/16-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 14:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.36		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	3.3		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/20/18 07:15	06/20/18 11:12	1,9010C/9012B	LH
pH (H)	7.6		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	ND		mg/kg	227	227.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:32	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:45	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-06**Client ID:** 16-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 14:20**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-07
Client ID: 25/26-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:25
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.03		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	3.8		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/20/18 07:15	06/20/18 11:13	1,9010C/9012B	LH
pH (H)	8.3		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	ND		mg/kg	238	238.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.952	0.190	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:32	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:45	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-08**Client ID:** 26-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 15:20**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-09
Client ID: 5/6-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 10:00
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.92		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	4.9		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/20/18 07:15	06/20/18 11:14	1,9010C/9012B	LH
pH (H)	8.4		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	826		mg/kg	226	226.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:32	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:46	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-10**Client ID:** 5-WC (4-5)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 10:05**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-11
Client ID: 7/8-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 11:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.79		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	9.8		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/20/18 07:15	06/20/18 11:15	1,9010C/9012B	LH
pH (H)	8.5		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	514		mg/kg	245	245.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.979	0.196	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:33	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:46	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-12**Client ID:** 8-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 11:55**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-13
Client ID: 9/10-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 13:50
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.32		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	8.6		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/20/18 07:15	06/20/18 11:16	1,9010C/9012B	LH
pH (H)	9.0		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	617		mg/kg	247	247.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.988	0.198	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:33	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:46	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-14**Client ID:** 9-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 13:55**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-15
Client ID: 11/12-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/18/18 15:10
Date Received: 06/18/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.56		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI
Solids, Total Volatile	6.1		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/20/18 07:15	06/20/18 11:20	1,9010C/9012B	LH
pH (H)	10.0		SU	-	NA	1	-	06/19/18 21:22	1,9045D	AS
Oil & Grease, Hem-Grav	528		mg/kg	229	229.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.917	0.183	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:33	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:46	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-16**Client ID:** 12-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 15:15**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/19/18 10:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-17**Client ID:** ASTM LEACHATE OF 3/4-WC (0-10)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 10:20**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	150		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	0.188		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:35	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:05	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-18**Date Collected:** 06/18/18 11:40**Client ID:** ASTM LEACHATE OF 1/2-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	190		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:36	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:05	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-19**Date Collected:** 06/18/18 14:25**Client ID:** ASTM LEACHATE OF 15/16-WC (0-10)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	210		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:37	121,4500NH3-BH	AT
Chemical Oxygen Demand	7.7	J	mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:05	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-20

Date Collected: 06/18/18 15:25

Client ID: ASTM LEACHATE OF 25/26-WC (0-10)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	500		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:41	121,4500NH3-BH	AT
Chemical Oxygen Demand	17.	J	mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:06	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-21**Date Collected:** 06/18/18 10:00**Client ID:** ASTM LEACHATE OF 5/6-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	150		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	0.024	J	mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:42	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:07	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-22**Client ID:** ASTM LEACHATE OF 7/8-WC (0-12)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/18/18 11:50**Date Received:** 06/18/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	120		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:43	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:07	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1822860

Project Number: 2861.0001Y000

Report Date: 06/25/18

SAMPLE RESULTS

Lab ID: L1822860-23

Date Collected: 06/18/18 13:50

Client ID: ASTM LEACHATE OF 9/10-WC (0-12)

Date Received: 06/18/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	230		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:44	121,4500NH3-BH	AT
Chemical Oxygen Demand	14.	J	mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:08	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18**SAMPLE RESULTS****Lab ID:** L1822860-24**Date Collected:** 06/18/18 15:10**Client ID:** ASTM LEACHATE OF 11/12-WC (0-12)**Date Received:** 06/18/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	340		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
Nitrogen, Ammonia	0.225		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:45	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:08	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/21/18 17:00	06/21/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1822860**Project Number:** 2861.0001Y000**Report Date:** 06/25/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1127588-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/19/18 19:29	06/20/18 10:30	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127700-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/19/18 22:00	06/20/18 22:20	1,7196A	AJ
General Chemistry - Westborough Lab for sample(s): 05,07,09,11,13,15 Batch: WG1127723-1										
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/20/18 07:15	06/20/18 11:08	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127736-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:29	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127747-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/20/18 05:10	06/20/18 06:43	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 17-24 Batch: WG1127754-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/21/18 12:05	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127755-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/20/18 10:40	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 17-23 Batch: WG1128012-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/20/18 16:30	06/20/18 17:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 17-24 Batch: WG1128059-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/20/18 20:00	06/20/18 23:02	121,5220D	TL
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128116-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/20/18 17:00	06/20/18 23:00	1,9071B	ML
General Chemistry - Westborough Lab for sample(s): 17-24 Batch: WG1128138-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/21/18 04:00	06/21/18 21:19	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 24 Batch: WG1128486-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/21/18 17:00	06/21/18 18:00	74,1664A	ML
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128687-1										
pH, Extraction Post-Filtration	4.93		SU	-	NA	1	-	06/20/18 08:46	1,1311	TN



Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1822860**Report Date:** 06/25/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1127588-2 WG1127588-3								
Cyanide, Total	71	Q	58	Q	80-120	26		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127641-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127700-2								
Chromium, Hexavalent	83		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11,13,15 Batch: WG1127723-2 WG1127723-3								
Cyanide, Total	61	Q	75	Q	80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127736-2								
Cyanide, Reactive	96		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1127747-2								
Sulfide, Reactive	106		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 17-24 Batch: WG1127754-2								
Solids, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17-23 Batch: WG1128012-2					
Oil & Grease, Hem-Grav	94	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 17-24 Batch: WG1128059-2					
Chemical Oxygen Demand	97	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 Batch: WG1128116-2					
Oil & Grease, Hem-Grav	93	-	64-132	-	34
General Chemistry - Westborough Lab Associated sample(s): 17-24 Batch: WG1128138-2					
Nitrogen, Ammonia	98	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 24 Batch: WG1128486-2					
Oil & Grease, Hem-Grav	90	-	78-114	-	18

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1127588-4 WG1127588-5 QC Sample: L1822855-15 Client ID: MS Sample												
Cyanide, Total	0.25J	11	11	96		10	86		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127700-4 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)												
Chromium, Hexavalent	ND	1060	1060	100		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11,13,15 QC Batch ID: WG1127723-4 WG1127723-5 QC Sample: L1822967-01 Client ID: MS Sample												
Cyanide, Total	ND	11	11	97		11	98		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 17-23 QC Batch ID: WG1128012-4 QC Sample: L1822561-04 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	47.1	46	98		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 17-24 QC Batch ID: WG1128059-3 QC Sample: L1822847-04 Client ID: MS Sample												
Chemical Oxygen Demand	14.J	238	240	102		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128116-4 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)												
Oil & Grease, Hem-Grav	388.	4560	4480	90		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 17-24 QC Batch ID: WG1128138-4 QC Sample: L1821858-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.036J	4	3.35	84		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG1128486-4 QC Sample: L1822729-01 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	50	46	93		-	-		78-114	-		18

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-16 QC Batch ID: WG1127405-1 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
Solids, Total	87.7	87.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127641-2 QC Sample: L1822626-09 Client ID: DUP Sample						
pH	7.3	7.2	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127700-6 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127736-3 QC Sample: L1822842-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127747-3 QC Sample: L1822842-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 17-24 QC Batch ID: WG1127754-3 QC Sample: L1822860-17 Client ID: ASTM LEACHATE OF 3/4-WC (0-10)						
Solids, Total	150	150	mg/l	0		16
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1127755-2 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)						
Solids, Total Volatile	5.7	3.6	%	45	Q	11

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1822860

Report Date: 06/25/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 17-23 QC Batch ID: WG1128012-3 QC Sample: L1822561-03 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18
General Chemistry - Westborough Lab Associated sample(s): 17-24 QC Batch ID: WG1128059-4 QC Sample: L1822847-04 Client ID: DUP Sample					
Chemical Oxygen Demand	14.J	ND	mg/l	NC	12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13,15 QC Batch ID: WG1128116-3 QC Sample: L1822860-01 Client ID: 3/4-WC (0-10)					
Oil & Grease, Hem-Grav	388.	410	mg/kg	6	34
General Chemistry - Westborough Lab Associated sample(s): 17-24 QC Batch ID: WG1128138-3 QC Sample: L1821858-01 Client ID: DUP Sample					
Nitrogen, Ammonia	0.036J	0.038J	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 24 QC Batch ID: WG1128486-3 QC Sample: L1822729-01 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06251817:40
Lab Number: L1822860
Report Date: 06/25/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1822860-01B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		ARCHIVE()
L1822860-01C	Glass 250ml/8oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1822860-01D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-01S	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		-
L1822860-01T	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		-
L1822860-01V9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L1822860-01W	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-01X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L1822860-02A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-02B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-02C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No: 06251817:40
Lab Number: L1822860
Report Date: 06/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-02D	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L1822860-02E	Vial Large Septa unpreserved (4oz)	C	NA		4.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-02S	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-VOA(14)
L1822860-02T	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-VOA(14)
L1822860-02X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-02Y	Vial Water preserved split	C	NA		4.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-02Z	Vial Water preserved split	C	NA		4.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-03A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1822860-03B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		ARCHIVE()
L1822860-03C	Glass 250ml/8oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-03D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-03S	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		-
L1822860-03T	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		-
L1822860-03V9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L1822860-03W	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-03X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-03X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L1822860-04A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-04B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-04C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06251817:40
Lab Number: L1822860
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-04D	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L1822860-04E	Vial Large Septa unpreserved (4oz)	C	NA		4.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-04S	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-VOA(14)
L1822860-04T	Vial unpreserved Extracts	C	NA		4.2	Y	Absent		TCLP-VOA(14)
L1822860-04X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-04Y	Vial Water preserved split	C	NA		4.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-04Z	Vial Water preserved split	C	NA		4.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-05A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1822860-05B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-05C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-05D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-05S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-05T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-05V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-05W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-05X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-05X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-06A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-06B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-06C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No: 06251817:40
Lab Number: L1822860
Report Date: 06/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-06D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-06E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-06S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-06T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-06X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-06Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-06Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-07A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1822860-07B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-07C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-07D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-07S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-07T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-07V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-07W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-07X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-07X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-08A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-08B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-08C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No: 06251817:40
Lab Number: L1822860
Report Date: 06/25/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-08D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-08E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-08S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-08T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-08X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-08Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-08Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-09A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1822860-09B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-09C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-09D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-09S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-09T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-09V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-09W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-09X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-09X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-10A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-10B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-10C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

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Container Information

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L1822860-10D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-10E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-10S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-10T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-10X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-10Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-10Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-11A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1822860-11B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-11C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-11D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-11S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-11T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-11V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-11W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-11X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-11X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-12A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-12B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-12C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

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L1822860-12D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-12E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-12S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-12T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-12X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-12Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-12Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-13A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1822860-13B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-13C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-13D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-13S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-13T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-13V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-13W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-13X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-13X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-14A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-14B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-14C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

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L1822860-14D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-14E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-14S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-14T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-14X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-14Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-14Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-15A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1822860-15B	Glass 120ml/4oz unpreserved	D	NA		2.2	Y	Absent		ARCHIVE()
L1822860-15C	Glass 250ml/8oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-15D	Glass 500ml/16oz unpreserved	D	NA		2.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1822860-15S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-15T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		-
L1822860-15V9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-15W	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1822860-15X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1822860-15X9	Tumble Vessel	D	NA		2.2	Y	Absent		-
L1822860-16A	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-16B	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-16C	5 gram Encore Sampler	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

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L1822860-16D	Plastic 2oz unpreserved for TS	D	NA		2.2	Y	Absent		TS(7)
L1822860-16E	Vial Large Septa unpreserved (4oz)	D	NA		2.2	Y	Absent		TCLP-EXT-ZHE(14)
L1822860-16S	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-16T	Vial unpreserved Extracts	D	NA		2.2	Y	Absent		TCLP-VOA(14)
L1822860-16X	Vial MeOH preserved split	D	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1822860-16Y	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-16Z	Vial Water preserved split	D	NA		2.2	Y	Absent	19-JUN-18 08:44	NYTCL-8260HLW(14)
L1822860-17A	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-17A1	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-17B	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-17C	Plastic 500ml H2SO4 preserved split	C	NA		4.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-17D	Amber 1000ml HCl preserved split	C	NA		4.2	Y	Absent		OG-1664(28)
L1822860-17E	Plastic 250ml unpreserved split	C	NA		4.2	Y	Absent		TSC-2540(7)
L1822860-18A	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-18A1	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-18B	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-18C	Plastic 500ml H2SO4 preserved split	C	NA		4.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-18D	Amber 1000ml HCl preserved split	C	NA		4.2	Y	Absent		OG-1664(28)
L1822860-18E	Plastic 250ml unpreserved split	C	NA		4.2	Y	Absent		TSC-2540(7)
L1822860-19A	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-19A1	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-19B	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-19C	Plastic 500ml H2SO4 preserved split	C	NA		4.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-19D	Amber 1000ml HCl preserved split	C	NA		4.2	Y	Absent		OG-1664(28)
L1822860-19E	Plastic 250ml unpreserved split	C	NA		4.2	Y	Absent		TSC-2540(7)

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L1822860-20A	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-20A1	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-20B	Amber 1000ml unpreserved Extracts	C	NA		4.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-20C	Plastic 500ml H2SO4 preserved split	C	NA		4.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-20D	Amber 1000ml HCl preserved split	C	NA		4.2	Y	Absent		OG-1664(28)
L1822860-20E	Plastic 250ml unpreserved split	C	NA		4.2	Y	Absent		TSC-2540(7)
L1822860-21A	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-21A1	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-21B	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-21C	Plastic 500ml H2SO4 preserved split	D	NA		2.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-21D	Amber 1000ml HCl preserved split	D	NA		2.2	Y	Absent		OG-1664(28)
L1822860-21E	Plastic 250ml unpreserved split	D	NA		2.2	Y	Absent		TSC-2540(7)
L1822860-22A	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-22A1	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-22B	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-22C	Plastic 500ml H2SO4 preserved split	D	NA		2.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-22D	Amber 1000ml HCl preserved split	D	NA		2.2	Y	Absent		OG-1664(28)
L1822860-22E	Plastic 250ml unpreserved split	D	NA		2.2	Y	Absent		TSC-2540(7)
L1822860-23A	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-23A1	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-23B	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-23C	Plastic 500ml H2SO4 preserved split	D	NA		2.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-23D	Amber 1000ml HCl preserved split	D	NA		2.2	Y	Absent		OG-1664(28)
L1822860-23E	Plastic 250ml unpreserved split	D	NA		2.2	Y	Absent		TSC-2540(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822860-24A	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-24A1	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-24B	Amber 1000ml unpreserved Extracts	D	NA		2.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1822860-24C	Plastic 500ml H2SO4 preserved split	D	NA		2.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1822860-24D	Amber 1000ml HCl preserved split	D	NA		2.2	Y	Absent		OG-1664(28)
L1822860-24E	Plastic 250ml unpreserved split	D	NA		2.2	Y	Absent		TSC-2540(7)

Project Name: FORMER KRISTAL AUTO MALL
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Report Date: 06/25/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1822860
Report Date: 06/25/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd In Lab 6/18/18		ALPHA Job # 11822860					
		Project Information Project Name: Former Kristal Auto Mall Project Location: 5200 Kings Highway, Brooklyn, NY 10021 Project #: 2861.0001Y000 (Use Project name as Project #) ☐		Deliverables ☒ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #							
Client Information Client: Roux Env. Eng. & Geology, DPC Address: 209 Shafter St Islandia, New York 11749 Phone: (631)232-2600 Fax: (631)232-9898 Email: wshen@rouxinc.com		Project Manager: Roux: Wendy Shen / Alpha: Karyn Raymond ALPHAQuote #:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☒ NJ ☒ NY ☐ Other:							
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments: Please cc all sample results to rhenke@rouxinc.com.		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)							
Please specify Metals or TAL.		Sample Specific Comments		Vertical Bottling									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials	NJTPH-C44/NJEPH	TCL VOCs + 10 8260C / TCLP VOCs	SVOC 8270D	Pest 8081B / PCB 8082A	TALMetals 6010C/7471B/ HexChrom/TnChrom	Total Solids/ Total Cyanide	Haz Waste Characterization	Form U / TCLP Comp
22860-01-1	3/4-WC(0-10)	06/18/18	10:20	SOIL	RRH	X		X	X	X	X	X	X
-02	4-WC(0-1)	06/18/18	10:15	SOIL	RRH		X						
-03	1/2-WC(0-12)	06/18/18	11:40	SOIL	RRH	X		X	X	X	X	X	X
-04	1-WC(7-8)	06/18/18	11:30	SOIL	RRH		X						
-05	15/16-WC(0-10)	06/18/18	14:25	SOIL	RRH	X		X	X	X	X	X	X
-06	16-WC(0-1)	06/18/18	14:20	SOIL	RRH		X						
-07	25/26-WC(0-10)	06/18/18	15:25	SOIL	RRH	X		X	X	X	X	X	X
-08	26-WC(0-1)	06/18/18	15:20	SOIL	RRH		X						
		06/18/18		SOIL	RRH	X		X	X	X	X	X	X
		06/18/18		SOIL	RRH		X						
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A E/A A A A A A A		Preservative A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS DOC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.			
Relinquished By: <i>[Signature]</i>		Date/Time: 6/18/18 1535		Received By: <i>[Signature]</i>		Date/Time: 6/18/18 1535							
Relinquished By: <i>[Signature]</i>		Date/Time: 6/18/18 1905		Received By: <i>[Signature]</i>		Date/Time: 6/18/18 1930							
Relinquished By: <i>[Signature]</i>		Date/Time: 6/18/18 2300		Received By: <i>[Signature]</i>		Date/Time: 6/18/18 2300							

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ANALYTICAL REPORT

Lab Number:	L1823410
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/27/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823410-01	42/43-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:20	06/20/18
L1823410-02	43-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:15	06/20/18
L1823410-03	41/51-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 09:05	06/20/18
L1823410-04	51-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 09:00	06/20/18
L1823410-05	52/53-WC (0-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 11:30	06/20/18
L1823410-06	52-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 11:25	06/20/18
L1823410-07	13/14-WC (0-10)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:30	06/20/18
L1823410-08	14-WC (5-6)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:35	06/20/18
L1823410-09	22/31-WC (0-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 12:30	06/20/18
L1823410-10	22-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 12:35	06/20/18
L1823410-11	32/33-WC (0-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 13:50	06/20/18
L1823410-12	33-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 13:35	06/20/18
L1823410-13	23/24-WC (0-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 14:50	06/20/18
L1823410-14	23-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 14:55	06/20/18
L1823410-15	ASTM LEACHATE OF 42/43-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:20	06/20/18
L1823410-16	ASTM LEACHATE OF 41/51-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 09:05	06/20/18
L1823410-17	ASTM LEACHATE OF 52/53-WC (0-8)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 11:30	06/20/18
L1823410-18	ASTM LEACHATE OF 13/14-WC (0-10)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 10:30	06/20/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823410-19	ASTM LEACHATE OF 22/31- WC (0-11)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 12:30	06/20/18
L1823410-20	ASTM LEACHATE OF 32/33- WC (0-11)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 13:50	06/20/18
L1823410-21	ASTM LEACHATE OF 23/24- WC (0-11)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/20/18 14:50	06/20/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1823410-08 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

TCLP Volatiles

L1823410-08: The ambient temperature of the area in which the TCLP/SPLP extraction of the samples and associated Method Blank was performed was outside the required 21-25 degrees C temperature range.

Petroleum Hydrocarbon Quantitation

The WG1129109-3 MS/MSD recoveries, performed on L1823410-01, are outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (157%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1129109-4 Laboratory Duplicate RPD for total petroleum hydrocarbons (c9-c44) (42%), performed on L1823410-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Pesticides

L1823410-11: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (205%,173%); however, the sample was not re-extracted due to coelution with obvious interferences.

Total Metals

L1823410-01, -03, -05, -07, -09, -11, and -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Case Narrative (continued)

The WG1129552-3 MS recoveries for aluminum (0%), calcium (852%), copper (31500%), iron (3410%), magnesium (434%), and manganese (0%), performed on L1823410-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1129552-3 MS recoveries, performed on L1823410-01, are outside the acceptance criteria for lead (662%), potassium (73%) and zinc (934%). A post digestion spike was performed and yielded unacceptable recoveries for lead (65%) and zinc (64%). This has been attributed to sample matrix.

The WG1129552-4 Laboratory Duplicate RPDs for arsenic (42%), manganese (29%) and nickel (21%), performed on L1823410-01, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Oil & Grease, Hem-Grav

L1823410-15 through -21: The sample was received above the appropriate pH for the Oil & Grease / TPH analysis. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1128637-2/-3 LCS/LCSD recoveries (59%/68%), associated with L1823410-01, -03, -05, -07, -09, -11, and -13, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Solids, Total Volatile

The WG1128582-2 Laboratory Duplicate RPD (24%), performed on L1823410-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 06/27/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-02
 Client ID: 43-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:15
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/22/18 16:42
 Analyst: MKS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	115		70-130
dibromofluoromethane	110		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-02
 Client ID: 43-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:15
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 13:57
 Analyst: MV
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-02**Date Collected:** 06/20/18 10:15**Client ID:** 43-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.37	1
Xylenes, Total	ND		ug/kg	1.2	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.2	1
Acetone	ND		ug/kg	12	6.1	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-02**Date Collected:** 06/20/18 10:15**Client ID:** 43-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	25	6.5	1
n-Propylbenzene	ND		ug/kg	1.2	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	0.42	J	ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	0.43	J	ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Acrolein	ND		ug/kg	31	7.1	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	120	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
p-Diethylbenzene	0.38	J	ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Tentatively Identified Compounds

Total TIC Compounds	4.07	J	ug/kg	1
Unknown	4.07	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	76		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-04
 Client ID: 51-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:00
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/22/18 17:50
 Analyst: MKS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	108		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-04
 Client ID: 51-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:00
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 14:48
 Analyst: MV
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	0.22	J	ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	0.54	J	ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-04**Date Collected:** 06/20/18 09:00**Client ID:** 51-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	0.82	J	ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	0.82	J	ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	0.46	J	ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	1.7	J	ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-04**Date Collected:** 06/20/18 09:00**Client ID:** 51-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21	5.5	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	5.2		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	1.1	J	ug/kg	2.1	0.36	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Acrolein	ND		ug/kg	27	6.0	1
Cyclohexane	1.4	J	ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	37.	1
Freon-113	ND		ug/kg	4.3	0.74	1
p-Diethylbenzene	6.1		ug/kg	2.1	0.19	1
p-Ethyltoluene	1.2	J	ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	1.6	J	ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Methyl cyclohexane	3.4	J	ug/kg	4.3	0.64	1

Tentatively Identified Compounds

Total TIC Compounds	135	J	ug/kg			1
Unknown	5.48	J	ug/kg			1
Unknown Alkane	6.70	J	ug/kg			1
Unknown Alkane	32.0	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	20.9	NJ	ug/kg			1
Unknown Alkane	7.18	J	ug/kg			1
Unknown	6.38	J	ug/kg			1
Unknown Alkane	8.96	J	ug/kg			1
Unknown Benzene	8.28	J	ug/kg			1
Unknown	6.34	J	ug/kg			1
Pentane, 2,3,3-trimethyl-	33.0	NJ	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-04

Date Collected: 06/20/18 09:00

Client ID: 51-WC (0-1)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	98		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-06
 Client ID: 52-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:25
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/22/18 18:58
 Analyst: MKS
 Percent Solids: 95%
 TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	113		70-130
dibromofluoromethane	108		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-06
 Client ID: 52-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:25
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 15:39
 Analyst: MV
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	3.7		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	0.76	J	ug/kg	1.0	0.56	1
Ethylbenzene	0.18	J	ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-06**Date Collected:** 06/20/18 11:25**Client ID:** 52-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	1.4		ug/kg	1.0	0.30	1
Xylenes, Total	1.4		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	0.31	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	0.18	J	ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.25	J	ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-06**Date Collected:** 06/20/18 11:25**Client ID:** 52-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21	5.3	1
n-Propylbenzene	0.19	J	ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	3.4		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Acrolein	ND		ug/kg	26	5.8	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	100	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
p-Diethylbenzene	6.6		ug/kg	2.1	0.18	1
p-Ethyltoluene	0.60	J	ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	1.1	J	ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Methyl cyclohexane	0.84	J	ug/kg	4.1	0.62	1

Tentatively Identified Compounds

Total TIC Compounds	38.4	J	ug/kg			1
Unknown Benzene	4.28	J	ug/kg			1
Unknown Aromatic	4.44	J	ug/kg			1
Unknown Benzene	3.30	J	ug/kg			1
Unknown Alkane	4.92	J	ug/kg			1
Unknown Alkane	7.13	J	ug/kg			1
Benzene, 1,2-diethyl-	2.49	NJ	ug/kg			1
Unknown Benzene	3.24	J	ug/kg			1
Unknown	4.05	J	ug/kg			1
Unknown Acetate	4.51	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-06

Date Collected: 06/20/18 11:25

Client ID: 52-WC (0-1)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-08
Client ID: 14-WC (5-6)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:35
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/26/18 08:11
Analyst: MM
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	110		70-130
dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-08
 Client ID: 14-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:35
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 16:05
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	5.7		ug/kg	0.57	0.19	1
Toluene	5.6		ug/kg	1.1	0.62	1
Ethylbenzene	1.9		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-08**Date Collected:** 06/20/18 10:35**Client ID:** 14-WC (5-6)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	7.6		ug/kg	2.3	0.64	1
o-Xylene	5.0		ug/kg	1.1	0.33	1
Xylenes, Total	13		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	0.84	J	ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.1	J	ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.6	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	0.24	J	ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	0.63	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.60	J	ug/kg	1.1	0.12	1
Naphthalene	570	E	ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-08**Date Collected:** 06/20/18 10:35**Client ID:** 14-WC (5-6)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	23	5.9	1
n-Propylbenzene	0.47	J	ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	4.1		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	8.4		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Acrolein	ND		ug/kg	29	6.5	1
Cyclohexane	1.7	J	ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	110	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
p-Diethylbenzene	2.0	J	ug/kg	2.3	0.20	1
p-Ethyltoluene	3.6		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	0.76	J	ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Methyl cyclohexane	5.0		ug/kg	4.6	0.69	1

Tentatively Identified Compounds

Total TIC Compounds	106	J	ug/kg	1
Unknown Aromatic	64.2	J	ug/kg	1
Unknown Aromatic	42.1	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-08
 Client ID: 14-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:35
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 09:20
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	140	1
1,1-Dichloroethane	ND		ug/kg	63	9.2	1
Chloroform	ND		ug/kg	95	8.8	1
Carbon tetrachloride	ND		ug/kg	63	14.	1
1,2-Dichloropropane	ND		ug/kg	63	7.9	1
Dibromochloromethane	ND		ug/kg	63	8.8	1
1,1,2-Trichloroethane	ND		ug/kg	63	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.0	1
Trichlorofluoromethane	ND		ug/kg	250	44.	1
1,2-Dichloroethane	ND		ug/kg	63	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	10.	1
Bromodichloromethane	ND		ug/kg	32	6.9	1
trans-1,3-Dichloropropene	ND		ug/kg	63	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	250	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	10.	1
Benzene	ND		ug/kg	32	10.	1
Toluene	ND		ug/kg	63	34.	1
Ethylbenzene	ND		ug/kg	63	8.9	1
Chloromethane	ND		ug/kg	250	59.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	63	21.	1
Chloroethane	ND		ug/kg	130	28.	1
1,1-Dichloroethene	ND		ug/kg	63	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	95	8.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-08**Date Collected:** 06/20/18 10:35**Client ID:** 14-WC (5-6)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	32	8.6	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.1	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.3	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	35.	1
o-Xylene	ND		ug/kg	63	18.	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	63	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	63	12.	1
Dichlorodifluoromethane	ND		ug/kg	630	58.	1
Acetone	ND		ug/kg	630	300	1
Carbon disulfide	ND		ug/kg	630	290	1
2-Butanone	ND		ug/kg	630	140	1
Vinyl acetate	ND		ug/kg	630	140	1
4-Methyl-2-pentanone	ND		ug/kg	630	81.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.0	1
2-Hexanone	ND		ug/kg	630	74.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	63	18.	1
1,3-Dichloropropane	ND		ug/kg	130	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.3	1
Bromobenzene	ND		ug/kg	130	9.2	1
n-Butylbenzene	ND		ug/kg	63	10.	1
sec-Butylbenzene	ND		ug/kg	63	9.2	1
tert-Butylbenzene	ND		ug/kg	130	7.4	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	63.	1
Hexachlorobutadiene	ND		ug/kg	250	11.	1
Isopropylbenzene	ND		ug/kg	63	6.9	1
p-Isopropyltoluene	7.3	J	ug/kg	63	6.9	1
Naphthalene	2600		ug/kg	250	41.	1
Acrylonitrile	ND		ug/kg	250	73.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-08**Date Collected:** 06/20/18 10:35**Client ID:** 14-WC (5-6)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1300	320	1
n-Propylbenzene	ND		ug/kg	63	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	23	J	ug/kg	130	12.	1
1,2,4-Trimethylbenzene	42	J	ug/kg	130	21.	1
Methyl Acetate	89	J	ug/kg	250	60.	1
Acrolein	ND		ug/kg	1600	360	1
Cyclohexane	ND		ug/kg	630	34.	1
1,4-Dioxane	ND		ug/kg	6300	2200	1
Freon-113	ND		ug/kg	250	44.	1
p-Diethylbenzene	21	J	ug/kg	130	11.	1
p-Ethyltoluene	ND		ug/kg	130	24.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	90.	1
Methyl cyclohexane	53	J	ug/kg	250	38.	1

Tentatively Identified Compounds

Total TIC Compounds	3210	J	ug/kg	1
Unknown Aromatic	146	J	ug/kg	1
Acenaphthene	283	NJ	ug/kg	1
Unknown Aromatic	597	J	ug/kg	1
Unknown	179	J	ug/kg	1
Unknown Naphthalene	164	J	ug/kg	1
Unknown Naphthalene	326	J	ug/kg	1
Unknown Aromatic	895	J	ug/kg	1
Unknown Naphthalene	287	J	ug/kg	1
Unknown	199	J	ug/kg	1
Unknown Naphthalene	133	J	ug/kg	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-08

Date Collected: 06/20/18 10:35

Client ID: 14-WC (5-6)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	92		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-10
Client ID: 22-WC (0-1)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:35
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/24/18 14:15
Analyst: AD
Percent Solids: 93%
TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-10
 Client ID: 22-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:35
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 16:31
 Analyst: MV
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-10**Date Collected:** 06/20/18 12:35**Client ID:** 22-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.6	J	ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	1.8	J	ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-10**Date Collected:** 06/20/18 12:35**Client ID:** 22-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

Total TIC Compounds	4.13	J	ug/kg	1
Unknown	4.13	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-12
 Client ID: 33-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:35
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/24/18 15:16
 Analyst: AD
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-12
 Client ID: 33-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:35
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 16:56
 Analyst: MV
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	0.63		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	0.34	J	ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-12**Date Collected:** 06/20/18 13:35**Client ID:** 33-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	33		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-12**Date Collected:** 06/20/18 13:35**Client ID:** 33-WC (0-1)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

Total TIC Compounds	4.03	J	ug/kg	1
Unknown	4.03	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	72		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-14
 Client ID: 23-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:55
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/24/18 16:17
 Analyst: AD
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-14
 Client ID: 23-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:55
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/25/18 17:22
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.26	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-14**Date Collected:** 06/20/18 14:55**Client ID:** 23-WC (1-2)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	19		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	2.6	J	ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-14**Date Collected:** 06/20/18 14:55**Client ID:** 23-WC (1-2)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	26	6.7	1
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Acrolein	ND		ug/kg	32	7.3	1
Cyclohexane	ND		ug/kg	13	0.71	1
1,4-Dioxane	ND		ug/kg	130	46.	1
Freon-113	ND		ug/kg	5.2	0.90	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1
Methyl cyclohexane	ND		ug/kg	5.2	0.78	1

Tentatively Identified Compounds

Total TIC Compounds	4.31	J	ug/kg	1
Unknown	4.31	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis
Batch Quality Control****Analytical Method:** 1,8260C**Analytical Date:** 06/22/18 15:01**Analyst:** MKS**TCLP/SPLP Extraction Date:** 06/21/18 15:22**Extraction Date:** 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-07 Batch: WG1128960-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 06/24/18 11:13

Analyst: AD

TCLP/SPLP Extraction Date: 06/21/18 15:22

Extraction Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 09-14 Batch: WG1129323-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	98		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/25/18 08:43
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/25/18 08:43
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/25/18 08:43
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/25/18 08:43
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-5					

Tentatively Identified Compounds

Total TIC Compounds	2.78	J	ug/kg	
Unknown	2.78	J	ug/kg	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1129802-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1129802-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1129802-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1129802-5					

Tentatively Identified Compounds

Total TIC Compounds	287	J	ug/kg
Unknown	123	J	ug/kg
Unknown	164	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 06/26/18 06:10

Analyst: MM

TCLP/SPLP Extraction Date: 06/21/18 15:22

Extraction Date: 06/21/18 15:22

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 08 Batch: WG1129803-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-07 Batch: WG1128960-3 WG1128960-4								
Chloroform	120		120		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		25
1,2-Dichloroethane	110		110		70-130	0		20
Benzene	120		110		70-130	9		25
Vinyl chloride	110		120		55-140	9		20
1,1-Dichloroethene	120		120		61-145	0		25
Trichloroethene	120		120		70-130	0		25
1,4-Dichlorobenzene	100		100		70-130	0		20
2-Butanone	100		100		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	99		99		70-130
dibromofluoromethane	109		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 09-14 Batch: WG1129323-3 WG1129323-4								
Chloroform	93		96		70-130	3		20
Carbon tetrachloride	84		90		63-132	7		20
Tetrachloroethene	80		84		70-130	5		20
Chlorobenzene	88		92		75-130	4		25
1,2-Dichloroethane	92		94		70-130	2		20
Benzene	92		97		70-130	5		25
Vinyl chloride	86		92		55-140	7		20
1,1-Dichloroethene	90		95		61-145	5		25
Trichloroethene	88		92		70-130	4		25
1,4-Dichlorobenzene	86		88		70-130	2		20
2-Butanone	100		110		63-138	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	103		103		70-130
dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-3 WG1129671-4								
Methylene chloride	93		94		70-130	1		30
1,1-Dichloroethane	98		98		70-130	0		30
Chloroform	95		95		70-130	0		30
Carbon tetrachloride	94		93		70-130	1		30
1,2-Dichloropropane	98		98		70-130	0		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	102		102		70-130	0		30
Tetrachloroethene	99		96		70-130	3		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	110		100		70-139	10		30
1,2-Dichloroethane	96		97		70-130	1		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	93		93		70-130	0		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	95		95		70-130	0		30
1,1-Dichloropropene	98		98		70-130	0		30
Bromoform	94		95		70-130	1		30
1,1,2,2-Tetrachloroethane	101		103		70-130	2		30
Benzene	94		94		70-130	0		30
Toluene	99		99		70-130	0		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	98		96		52-130	2		30
Bromomethane	114		112		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-3 WG1129671-4								
Vinyl chloride	103		102		67-130	1		30
Chloroethane	106		105		50-151	1		30
1,1-Dichloroethene	95		93		65-135	2		30
trans-1,2-Dichloroethene	94		94		70-130	0		30
Trichloroethene	94		94		70-130	0		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	92		94		66-130	2		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	93		93		70-130	0		30
Dibromomethane	93		95		70-130	2		30
Styrene	101		101		70-130	0		30
Dichlorodifluoromethane	89		89		30-146	0		30
Acetone	104		98		54-140	6		30
Carbon disulfide	92		92		59-130	0		30
2-Butanone	94		95		70-130	1		30
Vinyl acetate	97		98		70-130	1		30
4-Methyl-2-pentanone	99		100		70-130	1		30
1,2,3-Trichloropropane	102		104		68-130	2		30
2-Hexanone	91		93		70-130	2		30
Bromochloromethane	92		92		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-3 WG1129671-4								
2,2-Dichloropropane	98		96		70-130	2		30
1,2-Dibromoethane	98		99		70-130	1		30
1,3-Dichloropropane	103		103		69-130	0		30
1,1,1,2-Tetrachloroethane	98		98		70-130	0		30
Bromobenzene	98		99		70-130	1		30
n-Butylbenzene	110		109		70-130	1		30
sec-Butylbenzene	107		106		70-130	1		30
tert-Butylbenzene	103		103		70-130	0		30
o-Chlorotoluene	120		119		70-130	1		30
p-Chlorotoluene	105		105		70-130	0		30
1,2-Dibromo-3-chloropropane	85		88		68-130	3		30
Hexachlorobutadiene	95		95		67-130	0		30
Isopropylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	106		104		70-130	2		30
Naphthalene	96		97		70-130	1		30
Acrylonitrile	90		94		70-130	4		30
Tert-Butyl Alcohol	82		85		70-130	4		30
n-Propylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	99		98		70-130	1		30
1,3,5-Trimethylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	104		104		70-130	0		30
Methyl Acetate	90		91		51-146	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,10,12,14 Batch: WG1129671-3 WG1129671-4								
Acrolein	88		89		70-130	1		30
Cyclohexane	98		99		59-142	1		30
1,4-Dioxane	86		88		65-136	2		30
Freon-113	97		96		50-139	1		30
p-Diethylbenzene	103		102		70-130	1		30
p-Ethyltoluene	105		104		70-130	1		30
1,2,4,5-Tetramethylbenzene	102		101		70-130	1		30
Ethyl ether	93		95		67-130	2		30
trans-1,4-Dichloro-2-butene	107		107		70-130	0		30
Methyl cyclohexane	96		96		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1129802-3 WG1129802-4								
Methylene chloride	87		87		70-130	0		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	88		88		70-130	0		30
Carbon tetrachloride	81		80		70-130	1		30
1,2-Dichloropropane	90		90		70-130	0		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	86		84		70-130	2		30
Chlorobenzene	91		90		70-130	1		30
Trichlorofluoromethane	90		87		70-139	3		30
1,2-Dichloroethane	92		92		70-130	0		30
1,1,1-Trichloroethane	85		83		70-130	2		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	90		89		70-130	1		30
1,1-Dichloropropene	85		84		70-130	1		30
Bromoform	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	100		103		70-130	3		30
Benzene	86		85		70-130	1		30
Toluene	90		90		70-130	0		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	83		82		52-130	1		30
Bromomethane	96		97		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1129802-3 WG1129802-4								
Vinyl chloride	86		85		67-130	1		30
Chloroethane	93		92		50-151	1		30
1,1-Dichloroethene	82		80		65-135	2		30
trans-1,2-Dichloroethene	85		83		70-130	2		30
Trichloroethene	84		83		70-130	1		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	91		91		70-130	0		30
cis-1,2-Dichloroethene	86		85		70-130	1		30
Dibromomethane	89		91		70-130	2		30
Styrene	94		93		70-130	1		30
Dichlorodifluoromethane	74		73		30-146	1		30
Acetone	94		94		54-140	0		30
Carbon disulfide	80		79		59-130	1		30
2-Butanone	95		96		70-130	1		30
Vinyl acetate	94		97		70-130	3		30
4-Methyl-2-pentanone	98		101		70-130	3		30
1,2,3-Trichloropropane	103		104		68-130	1		30
2-Hexanone	89		92		70-130	3		30
Bromochloromethane	88		85		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1129802-3 WG1129802-4								
2,2-Dichloropropane	86		86		70-130	0		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	100		99		69-130	1		30
1,1,1,2-Tetrachloroethane	91		91		70-130	0		30
Bromobenzene	93		93		70-130	0		30
n-Butylbenzene	100		98		70-130	2		30
sec-Butylbenzene	95		94		70-130	1		30
tert-Butylbenzene	94		92		70-130	2		30
o-Chlorotoluene	111		111		70-130	0		30
p-Chlorotoluene	98		97		70-130	1		30
1,2-Dibromo-3-chloropropane	85		89		68-130	5		30
Hexachlorobutadiene	85		84		67-130	1		30
Isopropylbenzene	95		94		70-130	1		30
p-Isopropyltoluene	95		94		70-130	1		30
Naphthalene	96		98		70-130	2		30
Acrylonitrile	91		94		70-130	3		30
Tert-Butyl Alcohol	84		87		70-130	4		30
n-Propylbenzene	98		97		70-130	1		30
1,2,3-Trichlorobenzene	94		94		70-130	0		30
1,2,4-Trichlorobenzene	95		93		70-130	2		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	96		95		70-130	1		30
Methyl Acetate	90		93		51-146	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1129802-3 WG1129802-4								
Acrolein	86		88		70-130	2		30
Cyclohexane	82		82		59-142	0		30
1,4-Dioxane	94		94		65-136	0		30
Freon-113	81		79		50-139	3		30
p-Diethylbenzene	94		92		70-130	2		30
p-Ethyltoluene	97		95		70-130	2		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	108		110		70-130	2		30
Methyl cyclohexane	80		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 08 Batch: WG1129803-3 WG1129803-4								
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	96		92		63-132	4		20
Tetrachloroethene	89		84		70-130	6		20
Chlorobenzene	98		94		75-130	4		25
1,2-Dichloroethane	98		95		70-130	3		20
Benzene	100		98		70-130	2		25
Vinyl chloride	94		92		55-140	2		20
1,1-Dichloroethene	98		94		61-145	4		25
Trichloroethene	99		95		70-130	4		25
1,4-Dichlorobenzene	94		89		70-130	5		20
2-Butanone	110		110		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	105		105		70-130
dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01
 Client ID: 42/43-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 15:07
 Analyst: SZ
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	69		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01
 Client ID: 42/43-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 16:20
 Analyst: PS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	170	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01

Date Collected: 06/20/18 10:20

Client ID: 42/43-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	840		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	370		ug/kg	110	30.	1
Chrysene	980		ug/kg	110	19.	1
Acenaphthylene	88	J	ug/kg	150	28.	1
Anthracene	370		ug/kg	110	36.	1
Benzo(ghi)perylene	450		ug/kg	150	22.	1
Fluorene	200		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	150	26.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	100	J	ug/kg	180	18.	1
2-Methylnaphthalene	80	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-01**Date Collected:** 06/20/18 10:20**Client ID:** 42/43-WC (0-10)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	160	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	70		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03
 Client ID: 41/51-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 15:33
 Analyst: SZ
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	84		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03
 Client ID: 41/51-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 13:43
 Analyst: PS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	55	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	990		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	39	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03
 Client ID: 41/51-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	460		ug/kg	110	21.	1
Benzo(a)pyrene	450		ug/kg	150	45.	1
Benzo(b)fluoranthene	580		ug/kg	110	31.	1
Benzo(k)fluoranthene	200		ug/kg	110	30.	1
Chrysene	470		ug/kg	110	19.	1
Acenaphthylene	34	J	ug/kg	150	29.	1
Anthracene	140		ug/kg	110	36.	1
Benzo(ghi)perylene	290		ug/kg	150	22.	1
Fluorene	54	J	ug/kg	180	18.	1
Phenanthrene	620		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	83	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	310		ug/kg	150	26.	1
Pyrene	900		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	29	J	ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-03**Date Collected:** 06/20/18 09:05**Client ID:** 41/51-WC (0-10)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	65	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	118		10-136
4-Terphenyl-d14	73		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05
 Client ID: 52/53-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 15:59
 Analyst: SZ
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	83		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05
 Client ID: 52/53-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 16:47
 Analyst: PS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	32	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05
 Client ID: 52/53-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	950		ug/kg	110	21.	1
Benzo(a)pyrene	910		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	400		ug/kg	110	30.	1
Chrysene	860		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	150	29.	1
Anthracene	200		ug/kg	110	36.	1
Benzo(ghi)perylene	540		ug/kg	150	22.	1
Fluorene	38	J	ug/kg	190	18.	1
Phenanthrene	700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	570		ug/kg	150	26.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	28	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-05**Date Collected:** 06/20/18 11:30**Client ID:** 52/53-WC (0-8)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	82	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	63		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07
 Client ID: 13/14-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 16:24
 Analyst: SZ
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	82		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07
 Client ID: 13/14-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 17:13
 Analyst: PS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	11000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07
 Client ID: 13/14-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	6600		ug/kg	110	21.	1
Benzo(a)pyrene	6800		ug/kg	150	46.	1
Benzo(b)fluoranthene	9800	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2400		ug/kg	110	30.	1
Chrysene	6500		ug/kg	110	20.	1
Acenaphthylene	820		ug/kg	150	29.	1
Anthracene	2600		ug/kg	110	37.	1
Benzo(ghi)perylene	4000		ug/kg	150	22.	1
Fluorene	1400		ug/kg	190	18.	1
Phenanthrene	9600	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1300		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	150	26.	1
Pyrene	9700	E	ug/kg	110	19.	1
Biphenyl	140	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	860		ug/kg	190	18.	1
2-Methylnaphthalene	540		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	57	J	ug/kg	270	30.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	1500		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	72		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07 D
 Client ID: 13/14-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 06:14
 Analyst: PS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	13000		ug/kg	230	43.	2
Benzo(b)fluoranthene	9800		ug/kg	230	63.	2
Phenanthrene	11000		ug/kg	230	46.	2
Pyrene	11000		ug/kg	230	37.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09
 Client ID: 22/31-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 16:50
 Analyst: SZ
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	88		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09
 Client ID: 22/31-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 14:09
 Analyst: PS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	94	J	ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	66	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09
 Client ID: 22/31-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	750		ug/kg	110	20.	1
Benzo(a)pyrene	720		ug/kg	140	44.	1
Benzo(b)fluoranthene	900		ug/kg	110	30.	1
Benzo(k)fluoranthene	300		ug/kg	110	29.	1
Chrysene	740		ug/kg	110	19.	1
Acenaphthylene	64	J	ug/kg	140	28.	1
Anthracene	260		ug/kg	110	35.	1
Benzo(ghi)perylene	440		ug/kg	140	21.	1
Fluorene	99	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	490		ug/kg	140	25.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	70	J	ug/kg	180	17.	1
2-Methylnaphthalene	32	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	120	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	79		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 17:15
 Analyst: SZ
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	65		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 17:39
 Analyst: PS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2000		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	23000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2000		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-11**Date Collected:** 06/20/18 13:50**Client ID:** 32/33-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	14000	E	ug/kg	110	21.	1
Benzo(a)pyrene	10000	E	ug/kg	150	45.	1
Benzo(b)fluoranthene	17000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	3600		ug/kg	110	30.	1
Chrysene	13000	E	ug/kg	110	19.	1
Acenaphthylene	1400		ug/kg	150	28.	1
Anthracene	6100		ug/kg	110	36.	1
Benzo(ghi)perylene	6200		ug/kg	150	22.	1
Fluorene	3100		ug/kg	180	18.	1
Phenanthrene	23000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	2300		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	7600	E	ug/kg	150	26.	1
Pyrene	20000	E	ug/kg	110	18.	1
Biphenyl	350	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	2400		ug/kg	180	17.	1
2-Methylnaphthalene	1100		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	52	J	ug/kg	260	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-11**Date Collected:** 06/20/18 13:50**Client ID:** 32/33-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	3900		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	82		18-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-11 D
Client ID: 32/33-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/26/18 05:47
Analyst: PS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	33000		ug/kg	550	100	5
Benzo(a)anthracene	14000		ug/kg	550	100	5
Benzo(a)pyrene	12000		ug/kg	740	220	5
Benzo(b)fluoranthene	18000		ug/kg	550	160	5
Chrysene	15000		ug/kg	550	96.	5
Phenanthrene	32000		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	9500		ug/kg	740	130	5
Pyrene	27000		ug/kg	550	92.	5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13
 Client ID: 23/24-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/24/18 17:41
 Analyst: SZ
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	78		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13
 Client ID: 23/24-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 14:36
 Analyst: PS
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	85	J	ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	1800		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	70	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-13**Date Collected:** 06/20/18 14:50**Client ID:** 23/24-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	910		ug/kg	120	22.	1
Benzo(a)pyrene	870		ug/kg	160	48.	1
Benzo(b)fluoranthene	1200		ug/kg	120	33.	1
Benzo(k)fluoranthene	350		ug/kg	120	31.	1
Chrysene	900		ug/kg	120	20.	1
Acenaphthylene	110	J	ug/kg	160	30.	1
Anthracene	260		ug/kg	120	38.	1
Benzo(ghi)perylene	540		ug/kg	160	23.	1
Fluorene	78	J	ug/kg	200	19.	1
Phenanthrene	1100		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	610		ug/kg	160	27.	1
Pyrene	1600		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	54	J	ug/kg	200	18.	1
2-Methylnaphthalene	33	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-13**Date Collected:** 06/20/18 14:50**Client ID:** 23/24-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	150	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	82		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/24/18 13:25
 Analyst: SZ
 TCLP/SPLP Extraction Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:26

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129048-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	67		33-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 10:14
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	550	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 10:14
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-1					
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 10:14
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	114		10-136
4-Terphenyl-d14	104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129048-2 WG1129048-3								
Hexachlorobenzene	64		67		40-140	5		30
2,4-Dinitrotoluene	79		83		40-132	5		30
Hexachlorobutadiene	59		58		28-111	2		30
Hexachloroethane	58		59		21-105	2		30
Nitrobenzene	70		72		40-140	3		30
2,4,6-Trichlorophenol	70		69		30-130	1		30
Pentachlorophenol	63		70		9-103	11		30
2-Methylphenol	66		70		30-130	6		30
3-Methylphenol/4-Methylphenol	69		72		30-130	4		30
2,4,5-Trichlorophenol	71		73		30-130	3		30
Pyridine	34		23		10-66	39	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		61		21-120
Phenol-d6	58		60		10-120
Nitrobenzene-d5	68		71		23-120
2-Fluorobiphenyl	64		64		15-120
2,4,6-Tribromophenol	67		71		10-120
4-Terphenyl-d14	70		74		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-2 WG1129106-3								
Acenaphthene	76		82		31-137	8		50
Benzidine	61		59		10-66	3		50
1,2,4-Trichlorobenzene	77		81		38-107	5		50
Hexachlorobenzene	82		89		40-140	8		50
Bis(2-chloroethyl)ether	74		78		40-140	5		50
2-Chloronaphthalene	79		85		40-140	7		50
3,3'-Dichlorobenzidine	66		67		40-140	2		50
2,4-Dinitrotoluene	94		101		40-132	7		50
2,6-Dinitrotoluene	96		103		40-140	7		50
Azobenzene	74		80		40-140	8		50
Fluoranthene	82		90		40-140	9		50
4-Chlorophenyl phenyl ether	76		84		40-140	10		50
4-Bromophenyl phenyl ether	81		89		40-140	9		50
Bis(2-chloroisopropyl)ether	81		84		40-140	4		50
Bis(2-chloroethoxy)methane	78		84		40-117	7		50
Hexachlorobutadiene	81		83		40-140	2		50
Hexachlorocyclopentadiene	78		85		40-140	9		50
Hexachloroethane	75		79		40-140	5		50
Isophorone	81		85		40-140	5		50
Naphthalene	78		81		40-140	4		50
Nitrobenzene	76		78		40-140	3		50
NDPA/DPA	80		87		36-157	8		50
n-Nitrosodi-n-propylamine	77		80		32-121	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-2 WG1129106-3								
Bis(2-ethylhexyl)phthalate	85		95		40-140	11		50
Butyl benzyl phthalate	92		102		40-140	10		50
Di-n-butylphthalate	84		93		40-140	10		50
Di-n-octylphthalate	86		96		40-140	11		50
Diethyl phthalate	80		88		40-140	10		50
Dimethyl phthalate	88		93		40-140	6		50
Benzo(a)anthracene	80		87		40-140	8		50
Benzo(a)pyrene	91		99		40-140	8		50
Benzo(b)fluoranthene	88		94		40-140	7		50
Benzo(k)fluoranthene	84		93		40-140	10		50
Chrysene	78		86		40-140	10		50
Acenaphthylene	85		91		40-140	7		50
Anthracene	78		85		40-140	9		50
Benzo(ghi)perylene	91		99		40-140	8		50
Fluorene	80		87		40-140	8		50
Phenanthrene	77		84		40-140	9		50
Dibenzo(a,h)anthracene	97		104		40-140	7		50
Indeno(1,2,3-cd)pyrene	93		101		40-140	8		50
Pyrene	81		88		35-142	8		50
Biphenyl	81		86		54-104	6		50
4-Chloroaniline	57		60		40-140	5		50
2-Nitroaniline	94		102		47-134	8		50
3-Nitroaniline	74		76		26-129	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-2 WG1129106-3								
4-Nitroaniline	78		86		41-125	10		50
Dibenzofuran	77		84		40-140	9		50
2-Methylnaphthalene	79		85		40-140	7		50
1,2,4,5-Tetrachlorobenzene	84		89		40-117	6		50
Acetophenone	80		82		14-144	2		50
n-Nitrosodimethylamine	68		70		22-100	3		50
2,4,6-Trichlorophenol	90		102		30-130	13		50
p-Chloro-m-cresol	88		94		26-103	7		50
2-Chlorophenol	85		90		25-102	6		50
2,4-Dichlorophenol	91		97		30-130	6		50
2,4-Dimethylphenol	88		92		30-130	4		50
2-Nitrophenol	109		110		30-130	1		50
4-Nitrophenol	84		98		11-114	15		50
2,4-Dinitrophenol	96		101		4-130	5		50
4,6-Dinitro-o-cresol	99		111		10-130	11		50
Pentachlorophenol	58		65		17-109	11		50
Phenol	81		85		26-90	5		50
2-Methylphenol	84		90		30-130	7		50
3-Methylphenol/4-Methylphenol	87		92		30-130	6		50
2,4,5-Trichlorophenol	96		101		30-130	5		50
Benzoic Acid	51		52		10-110	2		50
Benzyl Alcohol	80		88		40-140	10		50
Carbazole	80		88		54-128	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129106-2 WG1129106-3								
Atrazine	89		102		40-140	14		50
Benzaldehyde	67		72		40-140	7		50
Caprolactam	111		116		15-130	4		50
2,3,4,6-Tetrachlorophenol	87		95		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		83		25-120
Phenol-d6	82		88		10-120
Nitrobenzene-d5	80		84		23-120
2-Fluorobiphenyl	82		86		30-120
2,4,6-Tribromophenol	91		100		10-136
4-Terphenyl-d14	85		93		18-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/24/18 12:02
Analyst: SR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	134.		mg/kg	35.6	3.57	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	60			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 16:48
Analyst: DG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	237		mg/kg	26.3	26.3	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	76			40-140		
o-Terphenyl	77			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/24/18 13:43
Analyst: SR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	167.		mg/kg	36.1	3.62	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	64			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 15:17
Analyst: DG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	98.2		mg/kg	25.2	25.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	83		40-140
o-Terphenyl	86		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/24/18 14:16
Analyst: SR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	233.		mg/kg	37.6	3.76	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	72			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 17:19
Analyst: DG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	90.7		mg/kg	26.0	26.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	68		40-140
o-Terphenyl	69		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 18:49
Analyst: DG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	277		mg/kg	27.0	27.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	78		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07 D
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/25/18 14:34
Analyst: SR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	453.		mg/kg	73.9	7.41	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	85			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/24/18 15:57
Analyst: SR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	127.		mg/kg	35.6	3.57	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	58			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 17:49
Analyst: DG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	123		mg/kg	26.1	26.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	73		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-11
Client ID: 32/33-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 19:20
Analyst: DG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	904		mg/kg	26.5	26.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	112		40-140
o-Terphenyl	92		40-140

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11 D
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/25/18 15:06
 Analyst: SR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1240		mg/kg	189	19.0	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	81			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/24/18 16:31
Analyst: SR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	161.		mg/kg	37.2	3.73	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	50			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/24/18 18:19
Analyst: DG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	138		mg/kg	27.9	27.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	79		40-140
o-Terphenyl	80		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 06/24/18 12:16

Extraction Date: 06/23/18 00:54

Analyst: DG

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128988-1					
Total EPH	ND		mg/kg	22.9	22.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		40-140
o-Terphenyl	73		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 06/24/18 11:29
 Analyst: SR

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129109-1					
DROD (C9-C44)	ND		mg/kg	32.3	3.24

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128988-2 WG1128988-3								
Total EPH	106		94		40-140	12		25
Nonane (C9)	64		67		40-140	5		25
Decane (C10)	75		78		40-140	4		25
Dodecane (C12)	72		75		40-140	4		25
Tetradecane (C14)	76		77		40-140	1		25
Hexadecane (C16)	76		80		40-140	5		25
Octadecane (C18)	80		86		40-140	7		25
Eicosane (C20)	81		86		40-140	6		25
Heneicosane (C21)	81		87		40-140	7		25
Docosane (C22)	80		86		40-140	7		25
Tetracosane (C24)	81		88		40-140	8		25
Hexacosane (C26)	80		88		40-140	10		25
Octacosane (C28)	80		87		40-140	8		25
triacontane (C30)	80		87		40-140	8		25
Dotriacontane (C32)	79		87		40-140	10		25
Tetratriacontane (C34)	81		85		40-140	5		25
Hexatriacontane (C36)	80		87		40-140	8		25
Octatriacontane (C38)	81		86		40-140	6		25
Tetracontane (C40)	80		85		40-140	6		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128988-2 WG1128988-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	71		75		40-140
o-Terphenyl	73		78		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129109-2								
Total Petroleum Hydrocarbons (C9-C44)	62		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	52				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab L1823410-03 Client ID: 41/51-WC (0-10) Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128988-4 QC Sample:												
Total EPH	98.2	267	355	96		-	-		40-140	-		50
Nonane (C9)	ND	7.41	4.49	61		-	-		40-140	-		50
Decane (C10)	ND	7.41	5.31	72		-	-		40-140	-		50
Dodecane (C12)	ND	7.41	5.33	72		-	-		40-140	-		50
Tetradecane (C14)	ND	7.41	5.81	78		-	-		40-140	-		50
Hexadecane (C16)	ND	7.41	6.34	86		-	-		40-140	-		50
Octadecane (C18)	ND	7.41	6.68	90		-	-		40-140	-		50
Eicosane (C20)	ND	7.41	6.70	90		-	-		40-140	-		50
Heneicosane (C21)	ND	7.41	6.77	91		-	-		40-140	-		50
Docosane (C22)	ND	7.41	6.71	91		-	-		40-140	-		50
Tetracosane (C24)	ND	7.41	6.89	93		-	-		40-140	-		50
Hexacosane (C26)	ND	7.41	6.84	92		-	-		40-140	-		50
Octacosane (C28)	ND	7.41	6.77	91		-	-		40-140	-		50
triacontane (C30)	ND	7.41	6.80	92		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.41	6.80	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.41	6.69	90		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.41	7.22	97		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.41	7.14	96		-	-		40-140	-		50
Tetracontane (C40)	ND	7.41	7.28	98		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	74				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128988-4 QC Sample: L1823410-03 Client ID: 41/51-WC (0-10)												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	77				40-140

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129109-3 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)												
Total Petroleum Hydrocarbons (C9-C44)	134	114	313	157	Q	-	-		40-140	-		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	63				40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128988-5 QC Sample: L1823410-03 Client ID: 41/51-WC (0-10)						

Total EPH	98.2	116	mg/kg	17		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	83		76		40-140
o-Terphenyl	86		78		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129109-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)

DROD (C9-C44)	134	206	mg/kg	42	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		61		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/18 11:28
Analyst: HT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	4.13	1	A
Aroclor 1221	ND		ug/kg	36.4	5.55	1	A
Aroclor 1232	ND		ug/kg	36.4	3.59	1	A
Aroclor 1242	ND		ug/kg	36.4	4.46	1	A
Aroclor 1248	ND		ug/kg	36.4	4.09	1	A
Aroclor 1254	77.4		ug/kg	36.4	2.97	1	B
Aroclor 1260	31.9	J	ug/kg	36.4	3.80	1	A
Aroclor 1262	ND		ug/kg	36.4	3.00	1	A
Aroclor 1268	10.3	J	ug/kg	36.4	2.58	1	B
PCBs, Total	120	J	ug/kg	36.4	2.58	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03
 Client ID: 41/51-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/25/18 11:40
 Analyst: HT
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/24/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	4.19	1	A
Aroclor 1221	ND		ug/kg	37.0	5.63	1	A
Aroclor 1232	ND		ug/kg	37.0	3.64	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	4.15	1	A
Aroclor 1254	10.6	J	ug/kg	37.0	3.02	1	A
Aroclor 1260	12.8	J	ug/kg	37.0	3.86	1	A
Aroclor 1262	ND		ug/kg	37.0	3.04	1	A
Aroclor 1268	3.90	J	ug/kg	37.0	2.62	1	B
PCBs, Total	27.3	J	ug/kg	37.0	2.62	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/18 11:53
Analyst: HT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	4.15	1	A
Aroclor 1221	ND		ug/kg	36.6	5.57	1	A
Aroclor 1232	ND		ug/kg	36.6	3.60	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	4.10	1	A
Aroclor 1254	ND		ug/kg	36.6	2.98	1	A
Aroclor 1260	10.1	J	ug/kg	36.6	3.82	1	A
Aroclor 1262	ND		ug/kg	36.6	3.01	1	A
Aroclor 1268	3.52	J	ug/kg	36.6	2.59	1	A
PCBs, Total	13.6	J	ug/kg	36.6	2.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/18 12:05
Analyst: HT
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	4.17	1	A
Aroclor 1221	ND		ug/kg	36.8	5.59	1	A
Aroclor 1232	ND		ug/kg	36.8	3.62	1	A
Aroclor 1242	ND		ug/kg	36.8	4.50	1	A
Aroclor 1248	ND		ug/kg	36.8	4.12	1	A
Aroclor 1254	ND		ug/kg	36.8	3.00	1	A
Aroclor 1260	11.4	J	ug/kg	36.8	3.84	1	A
Aroclor 1262	ND		ug/kg	36.8	3.02	1	A
Aroclor 1268	4.61	J	ug/kg	36.8	2.60	1	A
PCBs, Total	16.0	J	ug/kg	36.8	2.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09
 Client ID: 22/31-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/25/18 12:18
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/24/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.99	1	A
Aroclor 1221	ND		ug/kg	35.2	5.36	1	A
Aroclor 1232	ND		ug/kg	35.2	3.47	1	A
Aroclor 1242	ND		ug/kg	35.2	4.31	1	A
Aroclor 1248	ND		ug/kg	35.2	3.95	1	A
Aroclor 1254	ND		ug/kg	35.2	2.87	1	A
Aroclor 1260	3.69	J	ug/kg	35.2	3.68	1	A
Aroclor 1262	ND		ug/kg	35.2	2.90	1	A
Aroclor 1268	ND		ug/kg	35.2	2.49	1	A
PCBs, Total	3.69	J	ug/kg	35.2	2.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/25/18 12:31
 Analyst: HT
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/24/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	4.26	1	A
Aroclor 1221	ND		ug/kg	37.5	5.71	1	A
Aroclor 1232	ND		ug/kg	37.5	3.69	1	A
Aroclor 1242	ND		ug/kg	37.5	4.60	1	A
Aroclor 1248	ND		ug/kg	37.5	4.21	1	A
Aroclor 1254	ND		ug/kg	37.5	3.06	1	A
Aroclor 1260	16.7	J	ug/kg	37.5	3.92	1	A
Aroclor 1262	ND		ug/kg	37.5	3.09	1	A
Aroclor 1268	5.68	J	ug/kg	37.5	2.66	1	B
PCBs, Total	22.4	J	ug/kg	37.5	2.66	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/18 12:43
Analyst: HT
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/23/18 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	4.32	1	A
Aroclor 1221	ND		ug/kg	38.1	5.80	1	A
Aroclor 1232	ND		ug/kg	38.1	3.75	1	A
Aroclor 1242	ND		ug/kg	38.1	4.66	1	A
Aroclor 1248	ND		ug/kg	38.1	4.28	1	A
Aroclor 1254	ND		ug/kg	38.1	3.11	1	A
Aroclor 1260	23.2	J	ug/kg	38.1	3.98	1	A
Aroclor 1262	ND		ug/kg	38.1	3.13	1	A
Aroclor 1268	9.69	J	ug/kg	38.1	2.70	1	B
PCBs, Total	32.9	J	ug/kg	38.1	2.70	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8082A
Analytical Date: 06/25/18 10:50
Analyst: HTExtraction Method: EPA 3546
Extraction Date: 06/23/18 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/24/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129140-1						
Aroclor 1016	ND		ug/kg	32.6	3.69	A
Aroclor 1221	ND		ug/kg	32.6	4.95	A
Aroclor 1232	ND		ug/kg	32.6	3.20	A
Aroclor 1242	ND		ug/kg	32.6	3.98	A
Aroclor 1248	ND		ug/kg	32.6	3.65	A
Aroclor 1254	ND		ug/kg	32.6	2.66	A
Aroclor 1260	ND		ug/kg	32.6	3.40	A
Aroclor 1262	ND		ug/kg	32.6	2.68	A
Aroclor 1268	ND		ug/kg	32.6	2.30	A
PCBs, Total	ND		ug/kg	32.6	2.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129140-2 WG1129140-3									
Aroclor 1016	106		101		40-140	5		50	A
Aroclor 1260	98		97		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	A
Decachlorobiphenyl	65		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		78		30-150	B
Decachlorobiphenyl	63		63		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 20:25
Analyst: KEG
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01
 Client ID: 42/43-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 12:15
 Analyst: KEG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.744	0.333	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	2.94		ug/kg	1.79	0.637	1	B
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01

Date Collected: 06/20/18 10:20

Client ID: 42/43-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	101		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	119		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01
 Client ID: 42/43-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/27/18 00:50
 Analyst: SL
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/21/18 13:54
 Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
 Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	52		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 20:38
Analyst: KEG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03
 Client ID: 41/51-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 12:27
 Analyst: KEG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	3.11		ug/kg	1.72	0.397	1	B
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	4.41		ug/kg	3.22	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	1.82	J	ug/kg	2.15	0.598	1	B
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.0	5.69	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03

Date Collected: 06/20/18 09:05

Client ID: 41/51-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/18 01:09
Analyst: SL
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/21/18 13:54
Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	57		30-150	A
DCAA	49		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 20:51
Analyst: KEG
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05
 Client ID: 52/53-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 12:40
 Analyst: KEG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	2.10	J	ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	1.54	J	ug/kg	1.81	0.418	1	B
4,4'-DDD	1.93		ug/kg	1.81	0.644	1	A
4,4'-DDT	3.26	J	ug/kg	3.39	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	5.16		ug/kg	2.26	0.630	1	A
trans-Chlordane	5.74	PI	ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	14.7	5.99	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05

Date Collected: 06/20/18 11:30

Client ID: 52/53-WC (0-8)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	51		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/18 01:28
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/21/18 13:54
Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	64		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 21:04
Analyst: KEG
Percent Solids: 87%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07
 Client ID: 13/14-WC (0-10)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 12:53
 Analyst: KEG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	4.98	P	ug/kg	1.79	0.414	1	B
4,4'-DDD	2.95		ug/kg	1.79	0.639	1	A
4,4'-DDT	13.6	P	ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	1.83	PI	ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	14.6	5.94	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07

Date Collected: 06/20/18 10:30

Client ID: 13/14-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/18 01:46
Analyst: SL
Percent Solids: 87%
TCLP/SPLP Ext. Date: 06/21/18 13:54
Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	54		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 21:16
Analyst: KEG
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09
 Client ID: 22/31-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 13:06
 Analyst: KEG
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.842	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	1.70	JPI	ug/kg	3.16	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.10	0.587	1	A
trans-Chlordane	ND		ug/kg	2.10	0.556	1	A
Chlordane	ND		ug/kg	13.7	5.58	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-09**Date Collected:** 06/20/18 12:30**Client ID:** 22/31-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/18 02:05
Analyst: SL
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/21/18 13:54
Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	62		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/25/18 21:29
 Analyst: KEG
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11
 Client ID: 32/33-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 13:19
 Analyst: KEG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	12.7	PI	ug/kg	0.742	0.304	1	B
Endrin aldehyde	ND		ug/kg	2.23	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	6.28		ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	ND		ug/kg	2.23	0.620	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.5	5.90	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11

Date Collected: 06/20/18 13:50

Client ID: 32/33-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	173	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	205	Q	30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-11
Client ID: 32/33-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/18 02:24
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/21/18 13:54
Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	61		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/18 21:42
Analyst: KEG
Percent Solids: 84%
TCLP/SPLP Ext. Date: 06/21/18 13:54

Extraction Method: EPA 3510C
Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13
 Client ID: 23/24-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 13:31
 Analyst: KEG
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.801	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	3.27		ug/kg	1.83	0.424	1	B
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	5.75		ug/kg	3.43	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.62	1	A
cis-Chlordane	2.49	PI	ug/kg	2.29	0.638	1	B
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	14.9	6.07	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-13**Date Collected:** 06/20/18 14:50**Client ID:** 23/24-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13
 Client ID: 23/24-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
 Date Received: 06/20/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/27/18 02:43
 Analyst: SL
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 06/21/18 13:54
 Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
 Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 06/25/18 19:47
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/21/18 13:54

Extraction Method: EPA 3510C
 Extraction Date: 06/23/18 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129049-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/26/18 11:36
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 06/23/18 14:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129134-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.655	0.293	A
Alpha-BHC	ND		ug/kg	0.655	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.786	0.352	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.655	0.269	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.983	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	2.95	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.917	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.96	0.548	A
trans-Chlordane	ND		ug/kg	1.96	0.519	A
Chlordane	ND		ug/kg	12.8	5.21	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 06/26/18 11:36
Analyst: KEGExtraction Method: EPA 3546
Extraction Date: 06/23/18 14:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129134-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8151A
 Analytical Date: 06/26/18 22:38
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/21/18 13:54
 Methylation Date: 06/25/18 06:31

Extraction Method: EPA 8151A
 Extraction Date: 06/24/18 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129184-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	57		30-150	A
DCAA	52		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129049-2 WG1129049-3									
Lindane	100		103		30-150	3		20	A
Heptachlor	90		93		30-150	3		20	A
Heptachlor epoxide	95		98		30-150	3		20	A
Endrin	100		102		30-150	2		20	A
Methoxychlor	87		89		30-150	2		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		74		30-150	A
Decachlorobiphenyl	68		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		69		30-150	B
Decachlorobiphenyl	66		63		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129134-2 WG1129134-3									
Delta-BHC	98		96		30-150	2		30	A
Lindane	91		88		30-150	3		30	A
Alpha-BHC	94		91		30-150	3		30	A
Beta-BHC	94		91		30-150	3		30	A
Heptachlor	106		104		30-150	2		30	A
Aldrin	95		92		30-150	3		30	A
Heptachlor epoxide	105		103		30-150	2		30	A
Endrin	101		98		30-150	3		30	A
Endrin aldehyde	93		92		30-150	1		30	A
Endrin ketone	115		110		30-150	4		30	A
Dieldrin	107		104		30-150	3		30	A
4,4'-DDE	97		95		30-150	2		30	A
4,4'-DDD	103		101		30-150	2		30	A
4,4'-DDT	111		109		30-150	2		30	A
Endosulfan I	101		98		30-150	3		30	A
Endosulfan II	107		106		30-150	1		30	A
Endosulfan sulfate	115		113		30-150	2		30	A
Methoxychlor	113		112		30-150	1		30	A
cis-Chlordane	90		88		30-150	2		30	A
trans-Chlordane	65		64		30-150	2		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129134-2 WG1129134-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	B
Decachlorobiphenyl	73		72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	A
Decachlorobiphenyl	84		79		30-150	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129184-2 WG1129184-3									
2,4-D	157	Q	151	Q	30-150	4		25	A
2,4,5-TP (Silvex)	89		73		30-150	20		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	99		75		30-150	A
DCAA	78		67		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01

Date Collected: 06/20/18 10:20

Client ID: 42/43-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Barium, TCLP	0.356	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Copper, TCLP	1.49		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Lead, TCLP	0.522		mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:44	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC
Zinc, TCLP	0.679		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 00:48	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-01

Date Collected: 06/20/18 10:20

Client ID: 42/43-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7420		mg/kg	9.00	2.43	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Antimony, Total	0.558	J	mg/kg	4.50	0.342	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Arsenic, Total	9.18		mg/kg	0.900	0.187	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Barium, Total	103		mg/kg	0.900	0.156	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Beryllium, Total	0.441	J	mg/kg	0.450	0.030	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.900	0.088	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Calcium, Total	21100		mg/kg	9.00	3.15	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Chromium, Total	12.1		mg/kg	0.900	0.086	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Cobalt, Total	6.57		mg/kg	1.80	0.149	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Copper, Total	167		mg/kg	0.900	0.232	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Iron, Total	13400		mg/kg	4.50	0.813	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Lead, Total	168		mg/kg	4.50	0.241	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Magnesium, Total	4940		mg/kg	9.00	1.38	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Manganese, Total	296		mg/kg	0.900	0.143	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Mercury, Total	0.234		mg/kg	0.071	0.015	1	06/22/18 08:00	06/25/18 15:52	EPA 7471B	1,7471B	EA
Nickel, Total	21.4		mg/kg	2.25	0.218	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Potassium, Total	776		mg/kg	225	13.0	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.900	0.255	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Sodium, Total	298		mg/kg	180	2.83	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.80	0.283	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Vanadium, Total	26.5		mg/kg	0.900	0.183	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC
Zinc, Total	155		mg/kg	4.50	0.264	2	06/25/18 20:30	06/26/18 14:09	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	12		mg/kg	0.90	0.91	1		06/26/18 14:09	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03

Date Collected: 06/20/18 09:05

Client ID: 41/51-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Barium, TCLP	0.516		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Lead, TCLP	0.083	J	mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:49	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC
Zinc, TCLP	0.042	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 01:41	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-03

Date Collected: 06/20/18 09:05

Client ID: 41/51-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7540		mg/kg	8.54	2.31	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.27	0.324	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Arsenic, Total	12.3		mg/kg	0.854	0.178	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Barium, Total	90.0		mg/kg	0.854	0.149	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Beryllium, Total	0.333	J	mg/kg	0.427	0.028	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.854	0.084	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Calcium, Total	15300		mg/kg	8.54	2.99	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Chromium, Total	18.4		mg/kg	0.854	0.082	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Cobalt, Total	3.83		mg/kg	1.71	0.142	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Copper, Total	32.1		mg/kg	0.854	0.220	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Iron, Total	11600		mg/kg	4.27	0.771	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Lead, Total	146		mg/kg	4.27	0.229	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Magnesium, Total	2040		mg/kg	8.54	1.32	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Manganese, Total	196		mg/kg	0.854	0.136	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Mercury, Total	0.510		mg/kg	0.070	0.015	1	06/22/18 08:00	06/25/18 15:53	EPA 7471B	1,7471B	EA
Nickel, Total	16.2		mg/kg	2.14	0.207	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Potassium, Total	473		mg/kg	214	12.3	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.854	0.242	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Sodium, Total	85.9	J	mg/kg	171	2.69	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Vanadium, Total	18.6		mg/kg	0.854	0.173	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC
Zinc, Total	137		mg/kg	4.27	0.250	2	06/25/18 20:30	06/26/18 14:26	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	18		mg/kg	0.90	0.90	1		06/26/18 14:26	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05

Date Collected: 06/20/18 11:30

Client ID: 52/53-WC (0-8)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Barium, TCLP	0.291	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Lead, TCLP	0.159	J	mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:51	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC
Zinc, TCLP	1.22		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 01:46	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-05

Date Collected: 06/20/18 11:30

Client ID: 52/53-WC (0-8)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6310		mg/kg	8.83	2.38	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.41	0.335	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Arsenic, Total	5.91		mg/kg	0.883	0.184	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Barium, Total	259		mg/kg	0.883	0.154	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Beryllium, Total	0.265	J	mg/kg	0.441	0.029	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.883	0.087	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Calcium, Total	22300		mg/kg	8.83	3.09	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Chromium, Total	13.5		mg/kg	0.883	0.085	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Cobalt, Total	6.00		mg/kg	1.76	0.146	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Copper, Total	45.2		mg/kg	0.883	0.228	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Iron, Total	15100		mg/kg	4.41	0.797	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Lead, Total	224		mg/kg	4.41	0.236	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Magnesium, Total	6160		mg/kg	8.83	1.36	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Manganese, Total	207		mg/kg	0.883	0.140	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Mercury, Total	0.342		mg/kg	0.071	0.015	1	06/22/18 08:00	06/25/18 15:59	EPA 7471B	1,7471B	EA
Nickel, Total	15.0		mg/kg	2.21	0.214	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Potassium, Total	656		mg/kg	221	12.7	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Selenium, Total	0.344	J	mg/kg	1.76	0.228	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.883	0.250	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Sodium, Total	104	J	mg/kg	176	2.78	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.76	0.278	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Vanadium, Total	26.0		mg/kg	0.883	0.179	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
Zinc, Total	355		mg/kg	4.41	0.259	2	06/25/18 20:30	06/26/18 14:30	EPA 3050B	1,6010C	LC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14		mg/kg	0.91	0.91	1		06/26/18 14:30	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07

Date Collected: 06/20/18 10:30

Client ID: 13/14-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Barium, TCLP	0.163	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Lead, TCLP	4.47		mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:53	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC
Zinc, TCLP	0.891		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:00	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-07

Date Collected: 06/20/18 10:30

Client ID: 13/14-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6460		mg/kg	8.77	2.37	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.38	0.333	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Arsenic, Total	7.50		mg/kg	0.877	0.182	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Barium, Total	126		mg/kg	0.877	0.153	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Beryllium, Total	0.263	J	mg/kg	0.438	0.029	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.877	0.086	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Calcium, Total	22700		mg/kg	8.77	3.07	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Chromium, Total	13.4		mg/kg	0.877	0.084	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Cobalt, Total	6.16		mg/kg	1.75	0.146	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Copper, Total	41.0		mg/kg	0.877	0.226	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Iron, Total	13200		mg/kg	4.38	0.792	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Lead, Total	1140		mg/kg	4.38	0.235	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Magnesium, Total	3320		mg/kg	8.77	1.35	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Manganese, Total	257		mg/kg	0.877	0.139	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Mercury, Total	0.311		mg/kg	0.072	0.015	1	06/22/18 08:00	06/25/18 16:01	EPA 7471B	1,7471B	EA
Nickel, Total	15.5		mg/kg	2.19	0.212	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Potassium, Total	702		mg/kg	219	12.6	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Silver, Total	0.395	J	mg/kg	0.877	0.248	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Sodium, Total	129	J	mg/kg	175	2.76	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Vanadium, Total	22.0		mg/kg	0.877	0.178	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC
Zinc, Total	200		mg/kg	4.38	0.257	2	06/25/18 20:30	06/26/18 14:34	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	13		mg/kg	0.92	0.92	1		06/26/18 14:34	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09

Date Collected: 06/20/18 12:30

Client ID: 22/31-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Barium, TCLP	0.469	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Lead, TCLP	0.092	J	mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:55	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC
Zinc, TCLP	0.080	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:05	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-09

Date Collected: 06/20/18 12:30

Client ID: 22/31-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5920		mg/kg	8.55	2.31	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.28	0.325	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Arsenic, Total	5.65		mg/kg	0.855	0.178	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Barium, Total	89.5		mg/kg	0.855	0.149	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Beryllium, Total	0.265	J	mg/kg	0.428	0.028	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.855	0.084	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Calcium, Total	15700		mg/kg	8.55	2.99	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Chromium, Total	15.0		mg/kg	0.855	0.082	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Cobalt, Total	5.65		mg/kg	1.71	0.142	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Copper, Total	33.3		mg/kg	0.855	0.221	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Iron, Total	12100		mg/kg	4.28	0.772	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Lead, Total	116		mg/kg	4.28	0.229	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Magnesium, Total	2940		mg/kg	8.55	1.32	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Manganese, Total	244		mg/kg	0.855	0.136	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Mercury, Total	0.496		mg/kg	0.069	0.015	1	06/22/18 08:00	06/25/18 16:02	EPA 7471B	1,7471B	EA
Nickel, Total	18.7		mg/kg	2.14	0.207	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Potassium, Total	774		mg/kg	214	12.3	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.855	0.242	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Sodium, Total	146	J	mg/kg	171	2.69	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Vanadium, Total	21.2		mg/kg	0.855	0.174	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC
Zinc, Total	87.5		mg/kg	4.28	0.251	2	06/25/18 20:30	06/26/18 14:51	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.88	0.88	1		06/26/18 14:51	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11

Date Collected: 06/20/18 13:50

Client ID: 32/33-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Barium, TCLP	0.371	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Copper, TCLP	0.030	J	mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Lead, TCLP	0.185	J	mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:56	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC
Zinc, TCLP	0.494	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:10	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-11

Date Collected: 06/20/18 13:50

Client ID: 32/33-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6480		mg/kg	8.52	2.30	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.26	0.324	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Arsenic, Total	8.60		mg/kg	0.852	0.177	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Barium, Total	152		mg/kg	0.852	0.148	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Beryllium, Total	0.400	J	mg/kg	0.426	0.028	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.852	0.084	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Calcium, Total	19000		mg/kg	8.52	2.98	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Chromium, Total	15.3		mg/kg	0.852	0.082	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Cobalt, Total	5.61		mg/kg	1.70	0.141	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Copper, Total	62.4		mg/kg	0.852	0.220	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Iron, Total	15200		mg/kg	4.26	0.770	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Lead, Total	230		mg/kg	4.26	0.228	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Magnesium, Total	3720		mg/kg	8.52	1.31	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Manganese, Total	228		mg/kg	0.852	0.135	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Mercury, Total	0.508		mg/kg	0.073	0.015	1	06/22/18 08:00	06/25/18 16:04	EPA 7471B	1,7471B	EA
Nickel, Total	16.8		mg/kg	2.13	0.206	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Potassium, Total	690		mg/kg	213	12.3	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.70	0.220	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.852	0.241	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Sodium, Total	160	J	mg/kg	170	2.68	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Vanadium, Total	22.9		mg/kg	0.852	0.173	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC
Zinc, Total	273		mg/kg	4.26	0.250	2	06/25/18 20:30	06/26/18 14:55	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.91	0.91	1		06/26/18 14:55	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13

Date Collected: 06/20/18 14:50

Client ID: 23/24-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/21/18 13:54

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Barium, TCLP	0.396	J	mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Cadmium, TCLP	0.011	J	mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Lead, TCLP	0.195	J	mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:58	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC
Zinc, TCLP	2.82		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 02:15	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS**

Lab ID: L1823410-13

Date Collected: 06/20/18 14:50

Client ID: 23/24-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4690		mg/kg	9.28	2.51	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.64	0.353	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Arsenic, Total	6.30		mg/kg	0.928	0.193	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Barium, Total	265		mg/kg	0.928	0.162	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Beryllium, Total	0.288	J	mg/kg	0.464	0.031	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Cadmium, Total	0.111	J	mg/kg	0.928	0.091	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Calcium, Total	20700		mg/kg	9.28	3.25	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Chromium, Total	14.7		mg/kg	0.928	0.089	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Cobalt, Total	6.21		mg/kg	1.86	0.154	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Copper, Total	47.1		mg/kg	0.928	0.240	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Iron, Total	14400		mg/kg	4.64	0.838	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Lead, Total	290		mg/kg	4.64	0.249	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Magnesium, Total	2400		mg/kg	9.28	1.43	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Manganese, Total	206		mg/kg	0.928	0.148	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Mercury, Total	0.256		mg/kg	0.074	0.016	1	06/22/18 08:00	06/25/18 16:06	EPA 7471B	1,7471B	EA
Nickel, Total	21.1		mg/kg	2.32	0.225	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Potassium, Total	926		mg/kg	232	13.4	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.928	0.263	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Sodium, Total	190		mg/kg	186	2.92	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.86	0.292	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Vanadium, Total	21.3		mg/kg	0.928	0.188	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC
Zinc, Total	386		mg/kg	4.64	0.272	2	06/25/18 20:30	06/26/18 14:59	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.95	0.95	1		06/26/18 14:59	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128652-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/22/18 08:00	06/25/18 15:15	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129415-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/25/18 11:12	06/25/18 17:35	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/21/18 13:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129474-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC
Zinc, TCLP	ND		mg/l	0.500	0.021	1	06/25/18 14:40	06/26/18 00:05	1,6010C	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/21/18 13:54



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129552-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Iron, Total	0.608	J	mg/kg	2.00	0.361	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/25/18 20:30	06/26/18 14:01	1,6010C	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128652-2 SRM Lot Number: D098-540								
Mercury, Total	116		-		50-149	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129415-2								
Mercury, TCLP	107		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129474-2								
Arsenic, TCLP	106		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	103		-		75-125	-		20
Chromium, TCLP	101		-		75-125	-		20
Copper, TCLP	96		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Nickel, TCLP	98		-		75-125	-		20
Selenium, TCLP	108		-		75-125	-		20
Silver, TCLP	95		-		75-125	-		20
Zinc, TCLP	102		-		75-125	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129552-2 SRM Lot Number: D098-540					
Aluminum, Total	60	-	47-153	-	
Antimony, Total	150	-	6-194	-	
Arsenic, Total	92	-	83-117	-	
Barium, Total	83	-	82-118	-	
Beryllium, Total	88	-	83-117	-	
Cadmium, Total	88	-	82-117	-	
Calcium, Total	83	-	81-118	-	
Chromium, Total	86	-	83-119	-	
Cobalt, Total	89	-	84-116	-	
Copper, Total	90	-	84-116	-	
Iron, Total	79	-	60-140	-	
Lead, Total	84	-	82-117	-	
Magnesium, Total	80	-	76-124	-	
Manganese, Total	83	-	82-118	-	
Nickel, Total	87	-	82-117	-	
Potassium, Total	74	-	69-131	-	
Selenium, Total	93	-	78-121	-	
Silver, Total	91	-	80-120	-	
Sodium, Total	84	-	74-126	-	
Thallium, Total	88	-	80-119	-	
Vanadium, Total	85	-	79-121	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129552-2 SRM Lot Number: D098-540					
Zinc, Total	85	-	81-119	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128652-3 WG1128652-4 QC Sample: L1823082-09 Client ID: MS Sample												
Mercury, Total	0.320	0.135	0.515	144	Q	0.450	96		80-120	13		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129415-3 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)												
Mercury, TCLP	ND	0.025	0.0269	107		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129474-3 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)												
Arsenic, TCLP	ND	1.2	1.27	106		-	-		75-125	-		20
Barium, TCLP	0.356J	20	21.0	105		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.530	104		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.01	100		-	-		75-125	-		20
Copper, TCLP	1.49	2.5	3.91	97		-	-		75-125	-		20
Lead, TCLP	0.522	5.1	5.44	96		-	-		75-125	-		20
Nickel, TCLP	ND	5	4.95	99		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.27	106		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.523	105		-	-		75-125	-		20
Zinc, TCLP	0.679	5	5.71	101		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129552-3 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)									
Aluminum, Total	7420	176	6960	0	Q	-	75-125	-	20
Antimony, Total	0.558J	44	48.8	111		-	75-125	-	20
Arsenic, Total	9.18	10.6	17.1	75		-	75-125	-	20
Barium, Total	103.	176	263	91		-	75-125	-	20
Beryllium, Total	0.441J	4.4	3.87	88		-	75-125	-	20
Cadmium, Total	ND	4.49	4.85	108		-	75-125	-	20
Calcium, Total	21100	880	28600	852	Q	-	75-125	-	20
Chromium, Total	12.1	17.6	31.6	111		-	75-125	-	20
Cobalt, Total	6.57	44	43.3	83		-	75-125	-	20
Copper, Total	167.	22	7110	31500	Q	-	75-125	-	20
Iron, Total	13400	88	16400	3410	Q	-	75-125	-	20
Lead, Total	168.	44.9	465	662	Q	-	75-125	-	20
Magnesium, Total	4940	880	8760	434	Q	-	75-125	-	20
Manganese, Total	296.	44	258	0	Q	-	75-125	-	20
Nickel, Total	21.4	44	62.8	94		-	75-125	-	20
Potassium, Total	776.	880	1420	73	Q	-	75-125	-	20
Selenium, Total	ND	10.6	9.76	92		-	75-125	-	20
Silver, Total	ND	26.4	25.7	97		-	75-125	-	20
Sodium, Total	298.	880	1090	90		-	75-125	-	20
Thallium, Total	ND	10.6	7.93	75		-	75-125	-	20
Vanadium, Total	26.5	44	66.3	90		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129552-3 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)										
Zinc, Total	155.	44	566	934	Q	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129415-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129474-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.356J	0.366J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Copper, TCLP	1.49	1.47	mg/l	1		20
Lead, TCLP	0.522	0.527	mg/l	1		20
Nickel, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
Zinc, TCLP	0.679	0.662	mg/l	3		20

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1823410
Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129552-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)					
Aluminum, Total	7420	6440	mg/kg	14	20
Antimony, Total	0.558J	0.564J	mg/kg	NC	20
Arsenic, Total	9.18	5.97	mg/kg	42	Q 20
Barium, Total	103.	115	mg/kg	11	20
Beryllium, Total	0.441J	0.220J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	21100	23800	mg/kg	12	20
Chromium, Total	12.1	10.5	mg/kg	14	20
Cobalt, Total	6.57	6.77	mg/kg	3	20
Copper, Total	167.	187	mg/kg	11	20
Iron, Total	13400	15000	mg/kg	11	20
Lead, Total	168.	168	mg/kg	0	20
Magnesium, Total	4940	5670	mg/kg	14	20
Manganese, Total	296.	221	mg/kg	29	Q 20
Nickel, Total	21.4	17.4	mg/kg	21	Q 20
Potassium, Total	776.	750	mg/kg	3	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	298.	268	mg/kg	11	20

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129552-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.5	28.5	mg/kg	7	20
Zinc, Total	155.	134	mg/kg	15	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 06:30	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 06:30	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 06:30	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 06:30	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 06:30	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-11
Client ID: 32/33-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 07:16	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/23/18 07:16	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-01
Client ID: 42/43-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:20
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.13		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	3.3		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/22/18 07:30	06/22/18 13:35	1,9010C/9012B	LH
pH (H)	7.7		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	1210		mg/kg	226	226.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.905	0.181	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:34	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:16	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-02**Client ID:** 43-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 10:15**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-03
Client ID: 41/51-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 09:05
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.36		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	3.1		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/22/18 07:30	06/22/18 13:38	1,9010C/9012B	LH
pH (H)	7.7		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	840		mg/kg	224	224.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.896	0.179	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:34	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:17	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-04**Client ID:** 51-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 09:00**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-05
Client ID: 52/53-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 11:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.33		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	4.7		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/22/18 07:30	06/22/18 13:41	1,9010C/9012B	LH
pH (H)	7.7		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	1810		mg/kg	226	226.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.906	0.181	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:34	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:17	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-06**Client ID:** 52-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 11:25**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-07
Client ID: 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.91		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	3.9		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/22/18 07:30	06/22/18 13:42	1,9010C/9012B	LH
pH (H)	8.5		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	980		mg/kg	231	231.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.923	0.184	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:34	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:17	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-08**Client ID:** 14-WC (5-6)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 10:35**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-09
Client ID: 22/31-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 12:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.09		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	2.7		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/22/18 07:30	06/22/18 13:44	1,9010C/9012B	LH
pH (H)	10.4		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	722		mg/kg	219	219.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.875	0.175	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:35	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:17	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-10**Client ID:** 22-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 12:35**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-11
Client ID: 32/33-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 13:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.93		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	3.8		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/22/18 07:30	06/22/18 13:45	1,9010C/9012B	LH
pH (H)	9.3		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	2140		mg/kg	228	228.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.910	0.182	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:35	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:17	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-12**Client ID:** 33-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 13:35**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-13
Client ID: 23/24-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 14:50
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.81		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI
Solids, Total Volatile	4.5		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/22/18 07:30	06/22/18 13:46	1,9010C/9012B	LH
pH (H)	8.6		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	772		mg/kg	238	238.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.950	0.190	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:35	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:18	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-14**Client ID:** 23-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/20/18 14:55**Date Received:** 06/20/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/21/18 12:46	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-15**Date Collected:** 06/20/18 10:20**Client ID:** ASTM LEACHATE OF 42/43-WC (0-10)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	300		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	0.031	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:23	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:28	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-16

Date Collected: 06/20/18 09:05

Client ID: ASTM LEACHATE OF 41/51-WC (0-10)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	130		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:24	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:29	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-17

Date Collected: 06/20/18 11:30

Client ID: ASTM LEACHATE OF 52/53-WC (0-8)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	580		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	0.038	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:27	121,4500NH3-BH	AT
Chemical Oxygen Demand	14.	J	mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:29	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-18
Client ID: ASTM LEACHATE OF 13/14-WC (0-10)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/20/18 10:30
Date Received: 06/20/18
Field Prep: Not Specified

Sample Depth:
Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	650		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:28	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:29	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-19**Date Collected:** 06/20/18 12:30**Client ID:** ASTM LEACHATE OF 22/31-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	160		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	0.040	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:29	121,4500NH3-BH	AT
Chemical Oxygen Demand	10.	J	mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:30	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823410

Project Number: 2861.0001Y000

Report Date: 06/27/18

SAMPLE RESULTS

Lab ID: L1823410-20

Date Collected: 06/20/18 13:50

Client ID: ASTM LEACHATE OF 32/33-WC (0-11)

Date Received: 06/20/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	260		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:30	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:30	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18**SAMPLE RESULTS****Lab ID:** L1823410-21**Date Collected:** 06/20/18 14:50**Client ID:** ASTM LEACHATE OF 23/24-WC (0-11)**Date Received:** 06/20/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	170		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:31	121,4500NH3-BH	AT
Chemical Oxygen Demand	17.	J	mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:30	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823410**Project Number:** 2861.0001Y000**Report Date:** 06/27/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128582-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/21/18 23:50	121,2540G	CW
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128598-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/22/18 01:15	06/22/18 22:40	1,7196A	AJ
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128637-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	06/22/18 07:30	06/22/18 13:23	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 15-21 Batch: WG1128661-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/22/18 14:10	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1128978-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/22/18 17:00	06/22/18 23:10	1,9071B	ML
General Chemistry - Westborough Lab for sample(s): 15-21 Batch: WG1129023-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/23/18 06:40	06/23/18 08:00	74,1664A	KZ
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129118-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:16	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129119-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/24/18 13:00	06/24/18 14:33	125,7.3	RM
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03,05,07,09,11,13 Batch: WG1129305-1										
pH, Extraction Post-Filtration	4.98		SU	-	NA	1	-	06/22/18 05:54	1,1311	JW
General Chemistry - Westborough Lab for sample(s): 15-21 Batch: WG1129358-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:30	06/25/18 12:27	121,5220D	SD
General Chemistry - Westborough Lab for sample(s): 15-21 Batch: WG1129423-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:03	121,4500NH3-BH	AT

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128598-2								
Chromium, Hexavalent	80		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128637-2 WG1128637-3								
Cyanide, Total	59	Q	68	Q	80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 15-21 Batch: WG1128661-2								
Solids, Total	95		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128915-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1128978-2								
Oil & Grease, Hem-Grav	95		-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 15-21 Batch: WG1129023-2								
Oil & Grease, Hem-Grav	95		-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129118-2								
Sulfide, Reactive	114		-		60-125	-		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823410**Report Date:** 06/27/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 Batch: WG1129119-2					
Cyanide, Reactive	65	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 15-21 Batch: WG1129358-2					
Chemical Oxygen Demand	98	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 15-21 Batch: WG1129423-2					
Nitrogen, Ammonia	98	-	80-120	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128598-4 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)												
Chromium, Hexavalent	ND	839	827	99		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128637-4 WG1128637-5 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)												
Cyanide, Total	ND	10	10	95		9.9	96		75-125	1		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128978-4 QC Sample: L1823410-03 Client ID: 41/51-WC (0-10)												
Oil & Grease, Hem-Grav	840.	4480	5730	109		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129023-4 QC Sample: L1823564-02 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	31	78		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129358-3 QC Sample: L1823410-15 Client ID: ASTM LEACHATE OF 42/43-WC (0-10)												
Chemical Oxygen Demand	ND	238	250	104		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129423-4 QC Sample: L1823532-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.625	4	3.79	79	Q	-	-		80-120	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823410

Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1128379-1 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)						
Solids, Total	88.4	88.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128582-2 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)						
Solids, Total Volatile	3.3	4.2	%	24	Q	11
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128598-6 QC Sample: L1823410-01 Client ID: 42/43-WC (0-10)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1128661-3 QC Sample: L1823410-15 Client ID: ASTM LEACHATE OF 42/43-WC (0-10)						
Solids, Total	300	300	mg/l	0		16
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128915-2 QC Sample: L1823622-01 Client ID: DUP Sample						
pH	7.9	8.1	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1128978-3 QC Sample: L1823410-03 Client ID: 41/51-WC (0-10)						
Oil & Grease, Hem-Grav	840.	1080	mg/kg	25		34
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129023-3 QC Sample: L1823562-02 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129118-3 QC Sample: L1823410-09 Client ID: 22/31-WC (0-11)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11,13 QC Batch ID: WG1129119-3 QC Sample: L1823410-09 Client ID: 22/31-WC (0-11)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129358-4 QC Sample: L1823410-15 Client ID: ASTM LEACHATE OF 42/43-WC (0-10)					
Chemical Oxygen Demand	ND	10.J	mg/l	NC	12
General Chemistry - Westborough Lab Associated sample(s): 15-21 QC Batch ID: WG1129423-3 QC Sample: L1823532-01 Client ID: DUP Sample					
Nitrogen, Ammonia	0.625	0.658	mg/l	5	20

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06271816:24
Lab Number: L1823410
Report Date: 06/27/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823410-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-01B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-01C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1823410-01D	Glass 500ml/16oz unpreserved	B	NA		3.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-01S	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-01T	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-01V9	Tumble Vessel	B	NA		3.5	Y	Absent		-
L1823410-01W	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-01X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-01X9	Tumble Vessel	B	NA		3.5	Y	Absent		-
L1823410-02A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06271816:24
Lab Number: L1823410
Report Date: 06/27/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823410-02B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-02C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-02D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L1823410-02E	Vial Large Septa unpreserved (4oz)	B	NA		3.5	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-02S	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-VOA(14)
L1823410-02T	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-VOA(14)
L1823410-02X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-02Y	Vial Water preserved split	B	NA		3.5	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-02Z	Vial Water preserved split	B	NA		3.5	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-03B	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-03C	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-03D	Glass 500ml/16oz unpreserved	B	NA		3.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-03S	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-03T	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		ARCHIVE()
L1823410-03V9	Tumble Vessel	B	NA		3.5	Y	Absent		-
L1823410-03W	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-03X9	Tumble Vessel	B	NA		3.5	Y	Absent		-
L1823410-04A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)

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L1823410-04B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-04C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-04D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L1823410-04E	Vial Large Septa unpreserved (4oz)	B	NA		3.5	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-04S	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-VOA(14)
L1823410-04T	Vial unpreserved Extracts	B	NA		3.5	Y	Absent		TCLP-VOA(14)
L1823410-04X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1823410-04Y	Vial Water preserved split	B	NA		3.5	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-04Z	Vial Water preserved split	B	NA		3.5	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-05B	Glass 120ml/4oz unpreserved	C	NA		4.1	Y	Absent		ARCHIVE()
L1823410-05C	Glass 250ml/8oz unpreserved	C	NA		4.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-05D	Glass 500ml/16oz unpreserved	C	NA		4.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-05S	Vial unpreserved Extracts	C	NA		4.1	Y	Absent		ARCHIVE()
L1823410-05T	Vial unpreserved Extracts	C	NA		4.1	Y	Absent		ARCHIVE()
L1823410-05V9	Tumble Vessel	C	NA		4.1	Y	Absent		-
L1823410-05W	Amber 1000ml unpreserved Extracts	C	NA		4.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-05X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-05X9	Tumble Vessel	C	NA		4.1	Y	Absent		-
L1823410-06A	5 gram Encore Sampler	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)

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L1823410-06B	5 gram Encore Sampler	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-06C	5 gram Encore Sampler	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-06D	Plastic 2oz unpreserved for TS	C	NA		4.1	Y	Absent		TS(7)
L1823410-06E	Vial Large Septa unpreserved (4oz)	C	NA		4.1	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-06S	Vial unpreserved Extracts	C	NA		4.1	Y	Absent		TCLP-VOA(14)
L1823410-06T	Vial unpreserved Extracts	C	NA		4.1	Y	Absent		TCLP-VOA(14)
L1823410-06X	Vial MeOH preserved split	C	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-06Y	Vial Water preserved split	C	NA		4.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-06Z	Vial Water preserved split	C	NA		4.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-07A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-07B	Glass 120ml/4oz unpreserved	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-07C	Glass 250ml/8oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-07D	Glass 500ml/16oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-07S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-07T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-07V9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-07W	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-07X	Plastic 120ml HNO3 preserved Extracts	E	NA		2.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-07X9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-08A	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)

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L1823410-08B	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823410-08C	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823410-08D	Plastic 2oz unpreserved for TS	E	NA		2.1	Y	Absent		TS(7)
L1823410-08E	Vial Large Septa unpreserved (4oz)	E	NA		2.1	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-08S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-08T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-08X	Vial MeOH preserved split	E	NA		2.1	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823410-08Y	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823410-08Z	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823410-09A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-09B	Glass 120ml/4oz unpreserved	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-09C	Glass 250ml/8oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-09D	Glass 500ml/16oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-09S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-09T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-09V9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-09W	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-09X	Plastic 120ml HNO3 preserved Extracts	E	NA		2.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-09X9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-10A	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)

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L1823410-10B	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-10C	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-10D	Plastic 2oz unpreserved for TS	E	NA		2.1	Y	Absent		TS(7)
L1823410-10E	Vial Large Septa unpreserved (4oz)	E	NA		2.1	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-10S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-10T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-10X	Vial MeOH preserved split	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-10Y	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-10Z	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-11A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-11B	Glass 120ml/4oz unpreserved	D	NA		2.6	Y	Absent		ARCHIVE()
L1823410-11C	Glass 250ml/8oz unpreserved	D	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-11D	Glass 500ml/16oz unpreserved	D	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-11S	Vial unpreserved Extracts	D	NA		2.6	Y	Absent		ARCHIVE()
L1823410-11T	Vial unpreserved Extracts	D	NA		2.6	Y	Absent		ARCHIVE()
L1823410-11V9	Tumble Vessel	D	NA		2.6	Y	Absent		-
L1823410-11W	Amber 1000ml unpreserved Extracts	D	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-11X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-11X9	Tumble Vessel	D	NA		2.6	Y	Absent		-
L1823410-12A	5 gram Encore Sampler	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

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L1823410-12B	5 gram Encore Sampler	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1823410-12C	5 gram Encore Sampler	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1823410-12D	Plastic 2oz unpreserved for TS	D	NA		2.6	Y	Absent		TS(7)
L1823410-12E	Vial Large Septa unpreserved (4oz)	D	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-12S	Vial unpreserved Extracts	D	NA		2.6	Y	Absent		TCLP-VOA(14)
L1823410-12T	Vial unpreserved Extracts	D	NA		2.6	Y	Absent		TCLP-VOA(14)
L1823410-12X	Vial MeOH preserved split	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1823410-12Y	Vial Water preserved split	D	NA		2.6	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-12Z	Vial Water preserved split	D	NA		2.6	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-13A	Metals Only-Glass 60mL/2oz unpreserved	E	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823410-13B	Glass 120ml/4oz unpreserved	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-13C	Glass 250ml/8oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-13D	Glass 500ml/16oz unpreserved	E	NA		2.1	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823410-13S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-13T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		ARCHIVE()
L1823410-13V9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-13W	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823410-13X	Plastic 120ml HNO3 preserved Extracts	E	NA		2.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823410-13X9	Tumble Vessel	E	NA		2.1	Y	Absent		-
L1823410-14A	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)

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L1823410-14B	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-14C	5 gram Encore Sampler	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-14D	Plastic 2oz unpreserved for TS	E	NA		2.1	Y	Absent		TS(7)
L1823410-14E	Vial Large Septa unpreserved (4oz)	E	NA		2.1	Y	Absent		TCLP-EXT-ZHE(14)
L1823410-14S	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-14T	Vial unpreserved Extracts	E	NA		2.1	Y	Absent		TCLP-VOA(14)
L1823410-14X	Vial MeOH preserved split	E	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L1823410-14Y	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-14Z	Vial Water preserved split	E	NA		2.1	Y	Absent	21-JUN-18 08:00	NYTCL-8260HLW(14)
L1823410-15A	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-15A1	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-15B	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-15C	Plastic 500ml H2SO4 preserved split	B	NA		3.5	Y	Absent		COD-5220(28),NH3-4500(28)
L1823410-15D	Amber 1000ml HCl preserved split	B	NA		3.5	Y	Absent		OG-1664(28)
L1823410-15E	Plastic 250ml unpreserved split	B	NA		3.5	Y	Absent		TSC-2540(7)
L1823410-16A	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-16A1	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-16B	Amber 1000ml unpreserved Extracts	B	NA		3.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-16C	Plastic 500ml H2SO4 preserved split	B	NA		3.5	Y	Absent		COD-5220(28),NH3-4500(28)
L1823410-16D	Amber 1000ml HCl preserved split	B	NA		3.5	Y	Absent		OG-1664(28)
L1823410-16E	Plastic 250ml unpreserved split	B	NA		3.5	Y	Absent		TSC-2540(7)
L1823410-17A	Amber 1000ml unpreserved Extracts	C	NA		4.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-17A1	Amber 1000ml unpreserved Extracts	C	NA		4.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-17B	Amber 1000ml unpreserved Extracts	C	NA		4.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-17C	Plastic 500ml H2SO4 preserved split	C	NA		4.1	Y	Absent		COD-5220(28),NH3-4500(28)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06271816:24
Lab Number: L1823410
Report Date: 06/27/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823410-17D	Amber 1000ml HCl preserved split	C	NA		4.1	Y	Absent		OG-1664(28)
L1823410-17E	Plastic 250ml unpreserved split	C	NA		4.1	Y	Absent		TSC-2540(7)
L1823410-18A	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-18A1	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-18B	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-18C	Plastic 500ml H2SO4 preserved split	E	NA		2.1	Y	Absent		COD-5220(28),NH3-4500(28)
L1823410-18D	Amber 1000ml HCl preserved split	E	NA		2.1	Y	Absent		OG-1664(28)
L1823410-18E	Plastic 250ml unpreserved split	E	NA		2.1	Y	Absent		TSC-2540(7)
L1823410-19A	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-19A1	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-19B	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-19C	Plastic 500ml H2SO4 preserved split	E	NA		2.1	Y	Absent		COD-5220(28),NH3-4500(28)
L1823410-19D	Amber 1000ml HCl preserved split	E	NA		2.1	Y	Absent		OG-1664(28)
L1823410-19E	Plastic 250ml unpreserved split	E	NA		2.1	Y	Absent		TSC-2540(7)
L1823410-20A	Amber 1000ml unpreserved Extracts	D	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-20A1	Amber 1000ml unpreserved Extracts	D	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-20B	Amber 1000ml unpreserved Extracts	D	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-20C	Plastic 500ml H2SO4 preserved split	D	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823410-20D	Amber 1000ml HCl preserved split	D	NA		2.6	Y	Absent		OG-1664(28)
L1823410-20E	Plastic 250ml unpreserved split	D	NA		2.6	Y	Absent		TSC-2540(7)
L1823410-21A	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-21A1	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-21B	Amber 1000ml unpreserved Extracts	E	NA		2.1	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823410-21C	Plastic 500ml H2SO4 preserved split	E	NA		2.1	Y	Absent		COD-5220(28),NH3-4500(28)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06271816:24
Lab Number: L1823410
Report Date: 06/27/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823410-21D	Amber 1000ml HCl preserved split	E	NA		2.1	Y	Absent		OG-1664(28)
L1823410-21E	Plastic 250ml unpreserved split	E	NA		2.1	Y	Absent		TSC-2540(7)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823410
Report Date: 06/27/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
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3 of 2

6/21/88

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PO#

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Relinquished By: Rachel Alerke diane 6/20/18 11015 6/20/18 1925 6/20 0000	Date/Time 6/20/18 11015 6/20/18 1925 6/20 0000	Received By: Diane Alerke 6/20 Cg	Date/Time 6/20/18 1915 7100 6/21/18 115

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ANALYTICAL REPORT

Lab Number:	L1823622
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/28/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823622-01	55-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:30	06/21/18
L1823622-02	55-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:35	06/21/18
L1823622-03	54-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 08:50	06/21/18
L1823622-04	54-WC (8-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 08:55	06/21/18
L1823622-05	X55-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:40	06/21/18
L1823622-06	X55-WC (12-13)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:45	06/21/18
L1823622-07	48-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 14:00	06/21/18
L1823622-08	48-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 14:05	06/21/18
L1823622-09	X54-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:00	06/21/18
L1823622-10	X54-WC (12-13)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:05	06/21/18
L1823622-11	X57-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 12:25	06/21/18
L1823622-12	57-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:50	06/21/18
L1823622-13	57-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:55	06/21/18
L1823622-14	X57-WC (15-16)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 12:20	06/21/18
L1823622-15	X56-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:00	06/21/18
L1823622-16	X56-WC (12-13)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:05	06/21/18
L1823622-17	56-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 10:40	06/21/18
L1823622-18	56-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 10:45	06/21/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823622-19	58-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:10	06/21/18
L1823622-20	58-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:15	06/21/18
L1823622-21	X48/X58-WC (9-14)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:20	06/21/18
L1823622-22	X58-WC (10-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:25	06/21/18
L1823622-23	X47-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:25	06/21/18
L1823622-24	X47-WC (12-13)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:22	06/21/18
L1823622-25	47-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:20	06/21/18
L1823622-26	47-WC (4-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:17	06/21/18
L1823622-27	ASTM LEACHATE OF 55-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:30	06/21/18
L1823622-28	ASTM LEACHATE OF 54-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 08:50	06/21/18
L1823622-29	ASTM LEACHATE OF X55-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:40	06/21/18
L1823622-30	ASTM LEACHATE OF 48-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 14:00	06/21/18
L1823622-31	ASTM LEACHATE OF X54-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 09:00	06/21/18
L1823622-32	ASTM LEACHATE OF X57-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 12:25	06/21/18
L1823622-33	ASTM LEACHATE OF 57-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:50	06/21/18
L1823622-34	ASTM LEACHATE OF X56-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 11:00	06/21/18
L1823622-35	ASTM LEACHATE OF 56-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 10:40	06/21/18
L1823622-36	ASTM LEACHATE OF 58-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:10	06/21/18
L1823622-37	ASTM LEACHATE OF X48/X58-WC (9-14)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 13:20	06/21/18
L1823622-38	ASTM LEACHATE OF X47-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:25	06/21/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823622-39	ASTM LEACHATE OF 47-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/21/18 15:20	06/21/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1823622-06 and -10 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported. Differences were noted between the results on each sample which have been attributed to vial discrepancies. Further re-analysis could not be performed due to the existing vials being compromised.

L1823622-06: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (174%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

L1823622-05, -09, -11, -12, -15, -19, -21, -23, and -25: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

L1823622-11, -15, and -23: The surrogate recovery is below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

NJ EPH (Total)

L1823622-11: The surrogate recoveries are below the acceptance criteria for chloro-octadecane (0%) and o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Project Name: FORMER KRISTAL AUTO MALL
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Report Date: 06/28/18

Case Narrative (continued)

PCBs

L1823622-05, -09, -11, -15, and -23: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1823622-05, -09, -11, -15, and -23: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L1823622-01, -03, -05, -07, -09, -11, -12, -15, -17, -19, -21, -23 and -25: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1129554-1 Method Blank, associated with L1823622-01, -03, -05, -07, -09, -11, -12, -15, -17, -19, -21, -23, and -25, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required. The WG1129653-3 MS recovery, performed on L1823622-01, is outside the acceptance criteria for mercury (479%). A post digestion spike was performed and was within acceptance criteria.

The WG1129653-4 Laboratory Duplicate RPD for mercury (73%), performed on L1823622-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Oil & Grease, Hem-Grav

L1823622-27 through -39: The samples were received above the appropriate pH for the Oil & Grease / TPH analysis. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1129249-2 LCS recovery (42%), associated with L1823622-01, -03, -05, -07, -09, -11, -12, -15, and -17, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD (74%) is above the acceptance criteria.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Case Narrative (continued)

The WG1129250-2 LCS recovery (42%), associated with L1823622-19, -21, -23, and -25, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD (75%) is above the acceptance criteria.

Hexavalent Chromium

The WG1129604-2 LCS recovery (76%), associated with L1823622-01, -03, -05, -07, -09, -11, -12, -15, -17, and -19, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

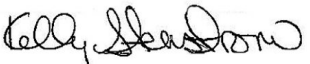
The WG1129607-2 LCS recovery (76%), associated with L1823622-21, -23, and -25, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Solids, Total Volatile

The WG1129355-2 Laboratory Duplicate RPD (26%), performed on L1823622-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG1129356-2 Laboratory Duplicate RPD (20%), performed on L1823622-21, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/28/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-02
Client ID: 55-WC (1-2)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:35
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/26/18 10:24
Analyst: MM
Percent Solids: 93%
TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-02
 Client ID: 55-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:35
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 12:27
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-02**Date Collected:** 06/21/18 09:35**Client ID:** 55-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-02**Date Collected:** 06/21/18 09:35**Client ID:** 55-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-04
 Client ID: 54-WC (8-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:55
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 11:15
 Analyst: MM
 Percent Solids: 70%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-04
 Client ID: 54-WC (8-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:55
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 12:53
 Analyst: JC
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	2.4		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.80	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-04**Date Collected:** 06/21/18 08:55**Client ID:** 54-WC (8-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	0.98	J	ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	0.98	J	ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	16		ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.80	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-04**Date Collected:** 06/21/18 08:55**Client ID:** 54-WC (8-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	32	8.2	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
Methyl Acetate	ND		ug/kg	6.4	1.5	1
Acrolein	ND		ug/kg	40	9.0	1
Cyclohexane	ND		ug/kg	16	0.87	1
1,4-Dioxane	ND		ug/kg	160	56.	1
Freon-113	ND		ug/kg	6.4	1.1	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.0	2.3	1
Methyl cyclohexane	ND		ug/kg	6.4	0.96	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-06
Client ID: X55-WC (12-13)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:45
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/26/18 12:07
Analyst: BD
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-06
 Client ID: X55-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:45
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 13:19
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	9.0		ug/kg	0.53	0.18	1
Toluene	130		ug/kg	1.0	0.57	1
Ethylbenzene	180		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	10		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-06
 Client ID: X55-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:45
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	13		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	1.3	J	ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	5.0		ug/kg	2.1	0.18	1
Methyl tert butyl ether	1.4	J	ug/kg	2.1	0.21	1
p/m-Xylene	450		ug/kg	2.1	0.59	1
o-Xylene	160		ug/kg	1.0	0.31	1
Xylenes, Total	610		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	16		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	16		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	1.2		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	39		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	97		ug/kg	1.0	0.18	1
sec-Butylbenzene	33		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	39		ug/kg	1.0	0.12	1
p-Isopropyltoluene	17		ug/kg	1.0	0.12	1
Naphthalene	25		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-06**Date Collected:** 06/21/18 09:45**Client ID:** X55-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21	5.4	1
n-Propylbenzene	110		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	150		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	490	E	ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Acrolein	ND		ug/kg	26	5.9	1
Cyclohexane	84		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	100	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
p-Diethylbenzene	70		ug/kg	2.1	0.19	1
p-Ethyltoluene	340	E	ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	64		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Methyl cyclohexane	180		ug/kg	4.2	0.64	1

Tentatively Identified Compounds

Total TIC Compounds	60500	J	ug/kg			1
Unknown Benzene	2530	J	ug/kg			1
Unknown	6000	J	ug/kg			1
Pentane, 2,3-dimethyl-	2720	NJ	ug/kg			1
Heptane, 3-methyl-	4120	NJ	ug/kg			1
Octane	4680	NJ	ug/kg			1
Pentane, 2,3,4-trimethyl-	8180	NJ	ug/kg			1
Pentane, 2-methyl-	2880	NJ	ug/kg			1
Pentane, 2,3,3-trimethyl-	10300	NJ	ug/kg			1
Unknown Alkane	14900	J	ug/kg			1
Hexane, 3-methyl-	4230	NJ	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-06

Date Collected: 06/21/18 09:45

Client ID: X55-WC (12-13)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	174	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-06
 Client ID: X55-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:45
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 01:58
 Analyst: MV
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	62	9.0	1
Chloroform	ND		ug/kg	93	8.6	1
Carbon tetrachloride	ND		ug/kg	62	14.	1
1,2-Dichloropropane	ND		ug/kg	62	7.7	1
Dibromochloromethane	ND		ug/kg	62	8.6	1
1,1,2-Trichloroethane	ND		ug/kg	62	16.	1
Tetrachloroethene	ND		ug/kg	31	12.	1
Chlorobenzene	ND		ug/kg	31	7.8	1
Trichlorofluoromethane	ND		ug/kg	250	43.	1
1,2-Dichloroethane	ND		ug/kg	62	16.	1
1,1,1-Trichloroethane	ND		ug/kg	31	10.	1
Bromodichloromethane	ND		ug/kg	31	6.7	1
trans-1,3-Dichloropropene	ND		ug/kg	62	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	31	9.8	1
1,3-Dichloropropene, Total	ND		ug/kg	31	9.8	1
1,1-Dichloropropene	ND		ug/kg	31	9.8	1
Bromoform	ND		ug/kg	250	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	ND		ug/kg	31	10.	1
Toluene	ND		ug/kg	62	34.	1
Ethylbenzene	ND		ug/kg	62	8.7	1
Chloromethane	ND		ug/kg	250	58.	1
Bromomethane	ND		ug/kg	120	36.	1
Vinyl chloride	ND		ug/kg	62	21.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	62	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	93	8.5	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-06**Date Collected:** 06/21/18 09:45**Client ID:** X55-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	31	8.5	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.9	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.2	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	35.	1
o-Xylene	ND		ug/kg	62	18.	1
Xylenes, Total	ND		ug/kg	62	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	62	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	62	8.5	1
Dibromomethane	ND		ug/kg	120	15.	1
Styrene	ND		ug/kg	62	12.	1
Dichlorodifluoromethane	ND		ug/kg	620	56.	1
Acetone	ND		ug/kg	620	300	1
Carbon disulfide	ND		ug/kg	620	280	1
2-Butanone	ND		ug/kg	620	140	1
Vinyl acetate	ND		ug/kg	620	130	1
4-Methyl-2-pentanone	ND		ug/kg	620	79.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.8	1
2-Hexanone	ND		ug/kg	620	73.	1
Bromochloromethane	ND		ug/kg	120	13.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	62	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	31	8.2	1
Bromobenzene	ND		ug/kg	120	9.0	1
n-Butylbenzene	ND		ug/kg	62	10.	1
sec-Butylbenzene	ND		ug/kg	62	9.0	1
tert-Butylbenzene	ND		ug/kg	120	7.3	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	62.	1
Hexachlorobutadiene	ND		ug/kg	250	10.	1
Isopropylbenzene	ND		ug/kg	62	6.7	1
p-Isopropyltoluene	ND		ug/kg	62	6.7	1
Naphthalene	ND		ug/kg	250	40.	1
Acrylonitrile	ND		ug/kg	250	71.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-06**Date Collected:** 06/21/18 09:45**Client ID:** X55-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1200	320	1
n-Propylbenzene	ND		ug/kg	62	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	21.	1
Methyl Acetate	ND		ug/kg	250	59.	1
Acrolein	ND		ug/kg	1500	350	1
Cyclohexane	ND		ug/kg	620	34.	1
1,4-Dioxane	ND		ug/kg	6200	2200	1
Freon-113	ND		ug/kg	250	43.	1
p-Diethylbenzene	ND		ug/kg	120	11.	1
p-Ethyltoluene	ND		ug/kg	120	24.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	12.	1
Ethyl ether	ND		ug/kg	120	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	310	88.	1
Methyl cyclohexane	ND		ug/kg	250	37.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-08
 Client ID: 48-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 12:58
 Analyst: BD
 Percent Solids: 93%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
dibromofluoromethane	108		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-08
 Client ID: 48-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 13:45
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	4.1		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-08**Date Collected:** 06/21/18 14:05**Client ID:** 48-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	9.9	J	ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-08**Date Collected:** 06/21/18 14:05**Client ID:** 48-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	26	6.6	1
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Acrolein	ND		ug/kg	32	7.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	130	45.	1
Freon-113	ND		ug/kg	5.1	0.88	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1
Methyl cyclohexane	ND		ug/kg	5.1	0.77	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-10
 Client ID: X54-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 13:50
 Analyst: BD
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	3.1	J	ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	105		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-10
 Client ID: X54-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 15:30
 Analyst: JC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	0.37	J	ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	27		ug/kg	0.48	0.16	1
Toluene	120		ug/kg	0.97	0.53	1
Ethylbenzene	490	E	ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	0.54	J	ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	2.3		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-10
 Client ID: X54-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	9.1		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	1.3	J	ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	4.8		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	1300	E	ug/kg	1.9	0.54	1
o-Xylene	410		ug/kg	0.97	0.28	1
Xylenes, Total	6300		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	620	E	ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	1000		ug/kg	1.4	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	7.5		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	16		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	28		ug/kg	0.97	0.16	1
sec-Butylbenzene	11		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	28		ug/kg	0.97	0.10	1
p-Isopropyltoluene	6.8		ug/kg	0.97	0.10	1
Naphthalene	200		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-10**Date Collected:** 06/21/18 09:05**Client ID:** X54-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	19	5.0	1
n-Propylbenzene	92		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	190		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	760	E	ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Acrolein	ND		ug/kg	24	5.5	1
Cyclohexane	44		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	97	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
p-Diethylbenzene	230		ug/kg	1.9	0.17	1
p-Ethyltoluene	370	E	ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	86		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Methyl cyclohexane	76		ug/kg	3.9	0.58	1

Tentatively Identified Compounds

Total TIC Compounds	12300	J	ug/kg			1
Unknown Benzene	995	J	ug/kg			1
Unknown	898	J	ug/kg			1
Benzene, 1-propenyl-	834	NJ	ug/kg			1
Unknown Alkane	2580	J	ug/kg			1
Unknown Benzene	991	J	ug/kg			1
Unknown Benzene	910	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	1460	NJ	ug/kg			1
Unknown Benzene	928	J	ug/kg			1
Pentane, 2,3,3-trimethyl-	1900	NJ	ug/kg			1
Unknown Aromatic	769	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-10**Date Collected:** 06/21/18 09:05**Client ID:** X54-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-10
 Client ID: X54-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 04:26
 Analyst: NLK
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	59	8.6	1
Chloroform	ND		ug/kg	89	8.3	1
Carbon tetrachloride	ND		ug/kg	59	14.	1
1,2-Dichloropropane	ND		ug/kg	59	7.4	1
Dibromochloromethane	ND		ug/kg	59	8.3	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	ND		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.5	1
Trichlorofluoromethane	ND		ug/kg	240	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	9.9	1
Bromodichloromethane	ND		ug/kg	30	6.5	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.4	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.4	1
1,1-Dichloropropene	ND		ug/kg	30	9.4	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.8	1
Benzene	58		ug/kg	30	9.8	1
Toluene	410		ug/kg	59	32.	1
Ethylbenzene	2400		ug/kg	59	8.4	1
Chloromethane	ND		ug/kg	240	55.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	8.1	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-10**Date Collected:** 06/21/18 09:05**Client ID:** X54-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	30	8.1	1
1,2-Dichlorobenzene	61	J	ug/kg	120	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,4-Dichlorobenzene	33	J	ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	5900		ug/kg	120	33.	1
o-Xylene	2100		ug/kg	59	17.	1
Xylenes, Total	8000		ug/kg	59	17.	1
cis-1,2-Dichloroethene	1000		ug/kg	59	10.	1
1,2-Dichloroethene, Total	1000		ug/kg	59	8.1	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	34	J	ug/kg	59	12.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	280	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
Vinyl acetate	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.5	1
2-Hexanone	ND		ug/kg	590	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.8	1
Bromobenzene	ND		ug/kg	120	8.6	1
n-Butylbenzene	280		ug/kg	59	9.9	1
sec-Butylbenzene	ND		ug/kg	59	8.7	1
tert-Butylbenzene	ND		ug/kg	120	7.0	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	59.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	180		ug/kg	59	6.5	1
p-Isopropyltoluene	61		ug/kg	59	6.5	1
Naphthalene	2100		ug/kg	240	39.	1
Acrylonitrile	ND		ug/kg	240	68.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-10**Date Collected:** 06/21/18 09:05**Client ID:** X54-WC (12-13)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1200	300	1
n-Propylbenzene	650		ug/kg	59	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	1400		ug/kg	120	11.	1
1,2,4-Trimethylbenzene	5000		ug/kg	120	20.	1
Methyl Acetate	ND		ug/kg	240	56.	1
Acrolein	ND		ug/kg	1500	330	1
Cyclohexane	260	J	ug/kg	590	32.	1
1,4-Dioxane	ND		ug/kg	5900	2100	1
Freon-113	ND		ug/kg	240	41.	1
p-Diethylbenzene	2100		ug/kg	120	10.	1
p-Ethyltoluene	2500		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	950		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	84.	1
Methyl cyclohexane	480		ug/kg	240	36.	1

Tentatively Identified Compounds

Total TIC Compounds	21300	J	ug/kg			1
Unknown Benzene	1150	J	ug/kg			1
Unknown Aromatic	1580	J	ug/kg			1
Unknown Benzene	2320	J	ug/kg			1
Unknown Benzene	3780	J	ug/kg			1
Unknown	1200	J	ug/kg			1
Unknown Aromatic	1220	J	ug/kg			1
Unknown	2380	J	ug/kg			1
Unknown Benzene	1690	J	ug/kg			1
Unknown Alkane	1670	J	ug/kg			1
Unknown Alkane	1630	J	ug/kg			1
Unknown Aromatic	2720	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-10

Date Collected: 06/21/18 09:05

Client ID: X54-WC (12-13)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-13
 Client ID: 57-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:55
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 14:42
 Analyst: BD
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-13
 Client ID: 57-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:55
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 15:56
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	2.7		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	0.36	J	ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	0.24	J	ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	0.57	J	ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-13**Date Collected:** 06/21/18 11:55**Client ID:** 57-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	0.69	J	ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	0.69	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	1.9		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	1.9		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	17		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	1.6	J	ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-13**Date Collected:** 06/21/18 11:55**Client ID:** 57-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.1	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	0.73	J	ug/kg	2.4	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Acrolein	ND		ug/kg	30	6.6	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	120	41.	1
Freon-113	ND		ug/kg	4.7	0.82	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	0.27	J	ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-14
Client ID: X57-WC (15-16)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/27/18 09:53
Analyst: MM
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-14
 Client ID: X57-WC (15-16)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 14:12
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	57	8.3	1
Chloroform	ND		ug/kg	86	8.0	1
Carbon tetrachloride	ND		ug/kg	57	13.	1
1,2-Dichloropropane	ND		ug/kg	57	7.2	1
Dibromochloromethane	ND		ug/kg	57	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	57	15.	1
Tetrachloroethene	110		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.3	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	57	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.6	1
Bromodichloromethane	ND		ug/kg	29	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	57	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.0	1
1,3-Dichloropropene, Total	ND		ug/kg	29	9.0	1
1,1-Dichloropropene	ND		ug/kg	29	9.1	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.5	1
Benzene	73		ug/kg	29	9.5	1
Toluene	5100		ug/kg	57	31.	1
Ethylbenzene	1500		ug/kg	57	8.1	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	57	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	57	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	86	7.8	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-14**Date Collected:** 06/21/18 12:20**Client ID:** X57-WC (15-16)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	29	7.8	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.5	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.8	1
Methyl tert butyl ether	81	J	ug/kg	110	12.	1
p/m-Xylene	5600		ug/kg	110	32.	1
o-Xylene	2700		ug/kg	57	17.	1
Xylenes, Total	8300		ug/kg	57	17.	1
cis-1,2-Dichloroethene	3700		ug/kg	57	10.	1
1,2-Dichloroethene, Total	3700		ug/kg	57	7.8	1
Dibromomethane	ND		ug/kg	110	14.	1
Styrene	25	J	ug/kg	57	11.	1
Dichlorodifluoromethane	ND		ug/kg	570	52.	1
Acetone	ND		ug/kg	570	280	1
Carbon disulfide	ND		ug/kg	570	260	1
2-Butanone	ND		ug/kg	570	130	1
Vinyl acetate	ND		ug/kg	570	120	1
4-Methyl-2-pentanone	ND		ug/kg	570	73.	1
1,2,3-Trichloropropane	ND		ug/kg	110	7.3	1
2-Hexanone	ND		ug/kg	570	68.	1
Bromochloromethane	ND		ug/kg	110	12.	1
2,2-Dichloropropane	ND		ug/kg	110	12.	1
1,2-Dibromoethane	ND		ug/kg	57	16.	1
1,3-Dichloropropane	ND		ug/kg	110	9.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	29	7.6	1
Bromobenzene	ND		ug/kg	110	8.3	1
n-Butylbenzene	370		ug/kg	57	9.6	1
sec-Butylbenzene	130		ug/kg	57	8.4	1
tert-Butylbenzene	ND		ug/kg	110	6.8	1
o-Chlorotoluene	ND		ug/kg	110	11.	1
p-Chlorotoluene	ND		ug/kg	110	6.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Hexachlorobutadiene	ND		ug/kg	230	9.7	1
Isopropylbenzene	240		ug/kg	57	6.2	1
p-Isopropyltoluene	68		ug/kg	57	6.2	1
Naphthalene	2800		ug/kg	230	37.	1
Acrylonitrile	ND		ug/kg	230	66.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-14**Date Collected:** 06/21/18 12:20**Client ID:** X57-WC (15-16)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1100	290	1
n-Propylbenzene	960		ug/kg	57	9.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	16.	1
1,3,5-Trimethylbenzene	2300		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	8000		ug/kg	110	19.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Acrolein	ND		ug/kg	1400	320	1
Cyclohexane	190	J	ug/kg	570	31.	1
1,4-Dioxane	ND		ug/kg	5700	2000	1
Freon-113	ND		ug/kg	230	40.	1
p-Diethylbenzene	3400		ug/kg	110	10.	1
p-Ethyltoluene	5000		ug/kg	110	22.	1
1,2,4,5-Tetramethylbenzene	1500		ug/kg	110	11.	1
Ethyl ether	ND		ug/kg	110	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	81.	1
Methyl cyclohexane	380		ug/kg	230	34.	1

Tentatively Identified Compounds

Total TIC Compounds	23000	J	ug/kg			1
Unknown Aromatic	2420	J	ug/kg			1
Unknown Benzene	1930	J	ug/kg			1
Unknown	1580	J	ug/kg			1
Unknown Benzene	1540	J	ug/kg			1
Benzene, 1-propenyl-	2000	NJ	ug/kg			1
Unknown Benzene	2540	J	ug/kg			1
Unknown Benzene	2700	J	ug/kg			1
Unknown Benzene	2510	J	ug/kg			1
Unknown Aromatic	2210	J	ug/kg			1
Unknown Benzene	3590	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-14**Date Collected:** 06/21/18 12:20**Client ID:** X57-WC (15-16)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-16
 Client ID: X56-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 10:27
 Analyst: MM
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	2.0	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	20		ug/l	5.0	1.6	10
Vinyl chloride	26		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-16 D
 Client ID: X56-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 04:00
 Analyst: NLK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6000	2800	20
1,1-Dichloroethane	ND		ug/kg	1200	180	20
Chloroform	ND		ug/kg	1800	170	20
Carbon tetrachloride	ND		ug/kg	1200	280	20
1,2-Dichloropropane	ND		ug/kg	1200	150	20
Dibromochloromethane	ND		ug/kg	1200	170	20
1,1,2-Trichloroethane	ND		ug/kg	1200	320	20
Tetrachloroethene	ND		ug/kg	600	240	20
Chlorobenzene	ND		ug/kg	600	150	20
Trichlorofluoromethane	ND		ug/kg	4800	840	20
1,2-Dichloroethane	ND		ug/kg	1200	310	20
1,1,1-Trichloroethane	ND		ug/kg	600	200	20
Bromodichloromethane	ND		ug/kg	600	130	20
trans-1,3-Dichloropropene	ND		ug/kg	1200	330	20
cis-1,3-Dichloropropene	ND		ug/kg	600	190	20
1,3-Dichloropropene, Total	ND		ug/kg	600	190	20
1,1-Dichloropropene	ND		ug/kg	600	190	20
Bromoform	ND		ug/kg	4800	300	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	600	200	20
Benzene	910		ug/kg	600	200	20
Toluene	130000		ug/kg	1200	660	20
Ethylbenzene	12000		ug/kg	1200	170	20
Chloromethane	ND		ug/kg	4800	1100	20
Bromomethane	ND		ug/kg	2400	700	20
Vinyl chloride	6700		ug/kg	1200	400	20
Chloroethane	ND		ug/kg	2400	550	20
1,1-Dichloroethene	ND		ug/kg	1200	290	20
trans-1,2-Dichloroethene	ND		ug/kg	1800	160	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-16 D
 Client ID: X56-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	600	160	20
1,2-Dichlorobenzene	ND		ug/kg	2400	170	20
1,3-Dichlorobenzene	ND		ug/kg	2400	180	20
1,4-Dichlorobenzene	ND		ug/kg	2400	210	20
Methyl tert butyl ether	3000		ug/kg	2400	240	20
p/m-Xylene	42000		ug/kg	2400	680	20
o-Xylene	15000		ug/kg	1200	350	20
Xylenes, Total	57000		ug/kg	1200	350	20
cis-1,2-Dichloroethene	30000		ug/kg	1200	210	20
1,2-Dichloroethene, Total	30000		ug/kg	1200	160	20
Dibromomethane	ND		ug/kg	2400	290	20
Styrene	ND		ug/kg	1200	240	20
Dichlorodifluoromethane	ND		ug/kg	12000	1100	20
Acetone	ND		ug/kg	12000	5800	20
Carbon disulfide	ND		ug/kg	12000	5500	20
2-Butanone	ND		ug/kg	12000	2700	20
Vinyl acetate	ND		ug/kg	12000	2600	20
4-Methyl-2-pentanone	2100	J	ug/kg	12000	1500	20
1,2,3-Trichloropropane	ND		ug/kg	2400	150	20
2-Hexanone	ND		ug/kg	12000	1400	20
Bromochloromethane	ND		ug/kg	2400	250	20
2,2-Dichloropropane	ND		ug/kg	2400	240	20
1,2-Dibromoethane	ND		ug/kg	1200	340	20
1,3-Dichloropropane	ND		ug/kg	2400	200	20
1,1,1,2-Tetrachloroethane	ND		ug/kg	600	160	20
Bromobenzene	ND		ug/kg	2400	180	20
n-Butylbenzene	1600		ug/kg	1200	200	20
sec-Butylbenzene	ND		ug/kg	1200	180	20
tert-Butylbenzene	ND		ug/kg	2400	140	20
o-Chlorotoluene	ND		ug/kg	2400	230	20
p-Chlorotoluene	ND		ug/kg	2400	130	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	3600	1200	20
Hexachlorobutadiene	ND		ug/kg	4800	200	20
Isopropylbenzene	1100	J	ug/kg	1200	130	20
p-Isopropyltoluene	310	J	ug/kg	1200	130	20
Naphthalene	16000		ug/kg	4800	790	20
Acrylonitrile	ND		ug/kg	4800	1400	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-16 D
 Client ID: X56-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:05
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24000	6200	20
n-Propylbenzene	4400		ug/kg	1200	210	20
1,2,3-Trichlorobenzene	ND		ug/kg	2400	390	20
1,2,4-Trichlorobenzene	ND		ug/kg	2400	330	20
1,3,5-Trimethylbenzene	8600		ug/kg	2400	230	20
1,2,4-Trimethylbenzene	32000		ug/kg	2400	400	20
Methyl Acetate	ND		ug/kg	4800	1100	20
Acrolein	ND		ug/kg	30000	6800	20
Cyclohexane	2000	J	ug/kg	12000	660	20
1,4-Dioxane	ND		ug/kg	120000	42000	20
Freon-113	ND		ug/kg	4800	840	20
p-Diethylbenzene	12000		ug/kg	2400	210	20
p-Ethyltoluene	22000		ug/kg	2400	460	20
1,2,4,5-Tetramethylbenzene	5200		ug/kg	2400	230	20
Ethyl ether	ND		ug/kg	2400	410	20
trans-1,4-Dichloro-2-butene	ND		ug/kg	6000	1700	20
Methyl cyclohexane	3100	J	ug/kg	4800	730	20

Tentatively Identified Compounds

Total TIC Compounds	125000	J	ug/kg	20
Unknown Aromatic	8230	J	ug/kg	20
Unknown Aromatic	11200	J	ug/kg	20
Unknown	7980	J	ug/kg	20
Unknown Alkane	9140	J	ug/kg	20
Unknown Benzene	12400	J	ug/kg	20
Unknown Benzene	23600	J	ug/kg	20
Unknown Benzene	11000	J	ug/kg	20
Unknown Benzene	6620	J	ug/kg	20
Unknown	18400	J	ug/kg	20
Unknown Aromatic	16200	J	ug/kg	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-16 D

Date Collected: 06/21/18 11:05

Client ID: X56-WC (12-13)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-18
 Client ID: 56-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:45
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 15:33
 Analyst: BD
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-18
 Client ID: 56-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:45
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 16:22
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	1.5		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-18**Date Collected:** 06/21/18 10:45**Client ID:** 56-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	39		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.87	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-18**Date Collected:** 06/21/18 10:45**Client ID:** 56-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	27	6.9	1
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.3	1.3	1
Acrolein	ND		ug/kg	33	7.5	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	130	47.	1
Freon-113	ND		ug/kg	5.3	0.93	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1
Methyl cyclohexane	ND		ug/kg	5.3	0.81	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-20
 Client ID: 58-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:15
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 16:25
 Analyst: BD
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	106		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-20
 Client ID: 58-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:15
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 16:48
 Analyst: JC
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	4.8		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-20**Date Collected:** 06/21/18 13:15**Client ID:** 58-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	12		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	9.1		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-20**Date Collected:** 06/21/18 13:15**Client ID:** 58-WC (1-2)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.5	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Acrolein	ND		ug/kg	27	6.1	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-22
Client ID: X58-WC (10-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/26/18 17:16
Analyst: BD
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
dibromofluoromethane	108		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-22
 Client ID: X58-WC (10-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 17:14
 Analyst: JC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	5.7		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-22**Date Collected:** 06/21/18 13:25**Client ID:** X58-WC (10-11)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	14		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	8.9		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-22**Date Collected:** 06/21/18 13:25**Client ID:** X58-WC (10-11)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Acrolein	ND		ug/kg	27	6.2	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	0.24	J	ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Tentatively Identified Compounds

Total TIC Compounds	28.8	J	ug/kg	1
Unknown	4.93	J	ug/kg	1
Unknown Aromatic	3.15	J	ug/kg	1
Unknown Alkane	3.49	J	ug/kg	1
Unknown	5.40	J	ug/kg	1
Unknown Alkane	3.23	J	ug/kg	1
Unknown Naphthalene	2.44	J	ug/kg	1
Unknown	3.73	J	ug/kg	1
Unknown	2.44	J	ug/kg	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-22

Date Collected: 06/21/18 13:25

Client ID: X58-WC (10-11)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-24
 Client ID: X47-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:22
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 09:20
 Analyst: MM
 Percent Solids: 93%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	7.6		ug/l	5.0	1.6	10
Vinyl chloride	3.1	J	ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	110		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-24 D
 Client ID: X47-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:22
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 15:04
 Analyst: JC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	660	4
1,1-Dichloroethane	ND		ug/kg	290	42.	4
Chloroform	ND		ug/kg	430	40.	4
Carbon tetrachloride	ND		ug/kg	290	66.	4
1,2-Dichloropropane	ND		ug/kg	290	36.	4
Dibromochloromethane	ND		ug/kg	290	40.	4
1,1,2-Trichloroethane	ND		ug/kg	290	77.	4
Tetrachloroethene	260		ug/kg	140	56.	4
Chlorobenzene	ND		ug/kg	140	36.	4
Trichlorofluoromethane	ND		ug/kg	1200	200	4
1,2-Dichloroethane	ND		ug/kg	290	74.	4
1,1,1-Trichloroethane	ND		ug/kg	140	48.	4
Bromodichloromethane	ND		ug/kg	140	31.	4
trans-1,3-Dichloropropene	ND		ug/kg	290	78.	4
cis-1,3-Dichloropropene	ND		ug/kg	140	45.	4
1,3-Dichloropropene, Total	ND		ug/kg	140	45.	4
1,1-Dichloropropene	ND		ug/kg	140	46.	4
Bromoform	ND		ug/kg	1200	71.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	48.	4
Benzene	400		ug/kg	140	48.	4
Toluene	19000		ug/kg	290	160	4
Ethylbenzene	9400		ug/kg	290	40.	4
Chloromethane	ND		ug/kg	1200	270	4
Bromomethane	ND		ug/kg	580	170	4
Vinyl chloride	ND		ug/kg	290	96.	4
Chloroethane	ND		ug/kg	580	130	4
1,1-Dichloroethene	ND		ug/kg	290	68.	4
trans-1,2-Dichloroethene	ND		ug/kg	430	39.	4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-24 D
 Client ID: X47-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:22
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	140	39.	4
1,2-Dichlorobenzene	ND		ug/kg	580	41.	4
1,3-Dichlorobenzene	ND		ug/kg	580	42.	4
1,4-Dichlorobenzene	ND		ug/kg	580	49.	4
Methyl tert butyl ether	180	J	ug/kg	580	58.	4
p/m-Xylene	36000		ug/kg	580	160	4
o-Xylene	17000		ug/kg	290	84.	4
Xylenes, Total	53000		ug/kg	290	84.	4
cis-1,2-Dichloroethene	7900		ug/kg	290	50.	4
1,2-Dichloroethene, Total	7900		ug/kg	290	39.	4
Dibromomethane	ND		ug/kg	580	68.	4
Styrene	170	J	ug/kg	290	56.	4
Dichlorodifluoromethane	ND		ug/kg	2900	260	4
Acetone	ND		ug/kg	2900	1400	4
Carbon disulfide	ND		ug/kg	2900	1300	4
2-Butanone	ND		ug/kg	2900	640	4
Vinyl acetate	ND		ug/kg	2900	620	4
4-Methyl-2-pentanone	2400	J	ug/kg	2900	370	4
1,2,3-Trichloropropane	ND		ug/kg	580	36.	4
2-Hexanone	ND		ug/kg	2900	340	4
Bromochloromethane	ND		ug/kg	580	59.	4
2,2-Dichloropropane	ND		ug/kg	580	58.	4
1,2-Dibromoethane	ND		ug/kg	290	80.	4
1,3-Dichloropropane	ND		ug/kg	580	48.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	140	38.	4
Bromobenzene	ND		ug/kg	580	42.	4
n-Butylbenzene	2800		ug/kg	290	48.	4
sec-Butylbenzene	840		ug/kg	290	42.	4
tert-Butylbenzene	ND		ug/kg	580	34.	4
o-Chlorotoluene	ND		ug/kg	580	55.	4
p-Chlorotoluene	ND		ug/kg	580	31.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	860	290	4
Hexachlorobutadiene	ND		ug/kg	1200	49.	4
Isopropylbenzene	1600		ug/kg	290	31.	4
p-Isopropyltoluene	590		ug/kg	290	31.	4
Naphthalene	18000		ug/kg	1200	190	4
Acrylonitrile	ND		ug/kg	1200	330	4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-24 D
 Client ID: X47-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:22
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	5800	1500	4
n-Propylbenzene	6500		ug/kg	290	49.	4
1,2,3-Trichlorobenzene	ND		ug/kg	580	93.	4
1,2,4-Trichlorobenzene	ND		ug/kg	580	78.	4
1,3,5-Trimethylbenzene	16000		ug/kg	580	56.	4
1,2,4-Trimethylbenzene	58000		ug/kg	580	96.	4
Methyl Acetate	ND		ug/kg	1200	270	4
Acrolein	ND		ug/kg	7200	1600	4
Cyclohexane	1700	J	ug/kg	2900	160	4
1,4-Dioxane	ND		ug/kg	29000	10000	4
Freon-113	ND		ug/kg	1200	200	4
p-Diethylbenzene	25000		ug/kg	580	51.	4
p-Ethyltoluene	35000		ug/kg	580	110	4
1,2,4,5-Tetramethylbenzene	12000		ug/kg	580	55.	4
Ethyl ether	ND		ug/kg	580	98.	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	1400	410	4
Methyl cyclohexane	3000		ug/kg	1200	170	4

Tentatively Identified Compounds

Total TIC Compounds	238000	J	ug/kg			4
Unknown Benzene	17400	J	ug/kg			4
Unknown Benzene	33200	J	ug/kg			4
Unknown Benzene	20200	J	ug/kg			4
Unknown Benzene	24300	J	ug/kg			4
Unknown Benzene	31400	J	ug/kg			4
Unknown Benzene	33500	J	ug/kg			4
Unknown Aromatic	16500	J	ug/kg			4
Unknown Aromatic	26900	J	ug/kg			4
Unknown	15300	J	ug/kg			4
Unknown Benzene	19200	J	ug/kg			4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-24 D

Date Collected: 06/21/18 15:22

Client ID: X47-WC (12-13)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-26
 Client ID: 47-WC (4-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:17
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 17:42
 Analyst: BD
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-26
 Client ID: 47-WC (4-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:17
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 17:40
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	2.5		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.22	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.73	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-26**Date Collected:** 06/21/18 15:17**Client ID:** 47-WC (4-5)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.22	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	1.4	J	ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-26**Date Collected:** 06/21/18 15:17**Client ID:** 47-WC (4-5)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	27	6.9	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Acrolein	ND		ug/kg	34	7.6	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	140	47.	1
Freon-113	ND		ug/kg	5.4	0.94	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Methyl cyclohexane	ND		ug/kg	5.4	0.82	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:58
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:58
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 08:58
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/26/18 08:58

Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/26/18 09:32**Analyst:** MM**Extraction Date:** 06/25/18 14:36**TCLP/SPLP Extraction Date:** 06/25/18 14:36

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129842-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 20:45
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1130189-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 20:45
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1130189-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 20:45
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1130189-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/26/18 20:45

Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06 Batch: WG1130189-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10,16 Batch: WG1130228-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	29	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10,16 Batch: WG1130228-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10,16 Batch: WG1130228-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 10,16 Batch: WG1130228-5					

Tentatively Identified Compounds

Total TIC Compounds	400	J	ug/kg
Unknown Siloxane	131	J	ug/kg
Unknown	150	J	ug/kg
Unknown	119	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/27/18 08:13**Analyst:** MM**TCLP/SPLP Extraction Date:** 06/26/18 15:08**Extraction Date:** 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 14,16,24 Batch: WG1130299-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	4.8	J	ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	112		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-3 WG1129816-4								
Methylene chloride	99		95		70-130	4		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	106		102		70-130	4		30
1,2-Dichloropropane	108		104		70-130	4		30
Dibromochloromethane	104		98		70-130	6		30
1,1,2-Trichloroethane	113		103		70-130	9		30
Tetrachloroethene	109		104		70-130	5		30
Chlorobenzene	111		105		70-130	6		30
Trichlorofluoromethane	102		98		70-139	4		30
1,2-Dichloroethane	106		101		70-130	5		30
1,1,1-Trichloroethane	108		106		70-130	2		30
Bromodichloromethane	110		106		70-130	4		30
trans-1,3-Dichloropropene	110		104		70-130	6		30
cis-1,3-Dichloropropene	110		106		70-130	4		30
1,1-Dichloropropene	112		107		70-130	5		30
Bromoform	95		92		70-130	3		30
1,1,2,2-Tetrachloroethane	113		106		70-130	6		30
Benzene	110		105		70-130	5		30
Toluene	111		106		70-130	5		30
Ethylbenzene	111		106		70-130	5		30
Chloromethane	104		99		52-130	5		30
Bromomethane	141		134		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-3 WG1129816-4								
Vinyl chloride	113		107		67-130	5		30
Chloroethane	113		109		50-151	4		30
1,1-Dichloroethene	104		99		65-135	5		30
trans-1,2-Dichloroethene	106		103		70-130	3		30
Trichloroethene	112		108		70-130	4		30
1,2-Dichlorobenzene	108		106		70-130	2		30
1,3-Dichlorobenzene	110		107		70-130	3		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	104		97		66-130	7		30
p/m-Xylene	111		105		70-130	6		30
o-Xylene	109		103		70-130	6		30
cis-1,2-Dichloroethene	107		102		70-130	5		30
Dibromomethane	107		99		70-130	8		30
Styrene	105		101		70-130	4		30
Dichlorodifluoromethane	107		106		30-146	1		30
Acetone	104		94		54-140	10		30
Carbon disulfide	101		97		59-130	4		30
2-Butanone	98		88		70-130	11		30
Vinyl acetate	99		92		70-130	7		30
4-Methyl-2-pentanone	102		91		70-130	11		30
1,2,3-Trichloropropane	110		103		68-130	7		30
2-Hexanone	98		90		70-130	9		30
Bromochloromethane	106		98		70-130	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-3 WG1129816-4								
2,2-Dichloropropane	112		105		70-130	6		30
1,2-Dibromoethane	108		101		70-130	7		30
1,3-Dichloropropane	111		105		69-130	6		30
1,1,1,2-Tetrachloroethane	102		97		70-130	5		30
Bromobenzene	106		102		70-130	4		30
n-Butylbenzene	114		111		70-130	3		30
sec-Butylbenzene	111		109		70-130	2		30
tert-Butylbenzene	110		106		70-130	4		30
o-Chlorotoluene	110		109		70-130	1		30
p-Chlorotoluene	112		109		70-130	3		30
1,2-Dibromo-3-chloropropane	93		87		68-130	7		30
Hexachlorobutadiene	102		98		67-130	4		30
Isopropylbenzene	110		108		70-130	2		30
p-Isopropyltoluene	110		108		70-130	2		30
Naphthalene	104		98		70-130	6		30
Acrylonitrile	104		94		70-130	10		30
Tert-Butyl Alcohol	102		92		70-130	10		30
n-Propylbenzene	112		109		70-130	3		30
1,2,3-Trichlorobenzene	106		103		70-130	3		30
1,2,4-Trichlorobenzene	111		106		70-130	5		30
1,3,5-Trimethylbenzene	110		108		70-130	2		30
1,2,4-Trimethylbenzene	111		108		70-130	3		30
Methyl Acetate	100		91		51-146	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129816-3 WG1129816-4								
Acrolein	103		88		70-130	16		30
Cyclohexane	102		98		59-142	4		30
1,4-Dioxane	103		96		65-136	7		30
Freon-113	101		99		50-139	2		30
p-Diethylbenzene	112		110		70-130	2		30
p-Ethyltoluene	112		110		70-130	2		30
1,2,4,5-Tetramethylbenzene	109		106		70-130	3		30
Ethyl ether	106		100		67-130	6		30
trans-1,4-Dichloro-2-butene	108		100		70-130	8		30
Methyl cyclohexane	101		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		97		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,04,06,08,10,13,18,20,22,26 Batch: WG1129842-3 WG1129842-4								
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	96		98		63-132	2		20
Tetrachloroethene	79		75		70-130	5		20
Chlorobenzene	84		81		75-130	4		25
1,2-Dichloroethane	110		110		70-130	0		20
Benzene	97		95		70-130	2		25
Vinyl chloride	110		100		55-140	10		20
1,1-Dichloroethene	90		92		61-145	2		25
Trichloroethene	92		91		70-130	1		25
1,4-Dichlorobenzene	80		80		70-130	0		20
2-Butanone	150	Q	140	Q	63-138	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		119		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	103		102		70-130
dibromofluoromethane	108		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1130189-3 WG1130189-4								
Methylene chloride	105		90		70-130	15		30
1,1-Dichloroethane	111		91		70-130	20		30
Chloroform	108		91		70-130	17		30
Carbon tetrachloride	114		90		70-130	24		30
1,2-Dichloropropane	108		92		70-130	16		30
Dibromochloromethane	99		89		70-130	11		30
1,1,2-Trichloroethane	107		98		70-130	9		30
Tetrachloroethene	113		88		70-130	25		30
Chlorobenzene	110		90		70-130	20		30
Trichlorofluoromethane	118		90		70-139	27		30
1,2-Dichloroethane	106		93		70-130	13		30
1,1,1-Trichloroethane	115		93		70-130	21		30
Bromodichloromethane	108		93		70-130	15		30
trans-1,3-Dichloropropene	106		93		70-130	13		30
cis-1,3-Dichloropropene	110		94		70-130	16		30
1,1-Dichloropropene	118		92		70-130	25		30
Bromoform	92		84		70-130	9		30
1,1,2,2-Tetrachloroethane	107		102		70-130	5		30
Benzene	111		91		70-130	20		30
Toluene	110		90		70-130	20		30
Ethylbenzene	110		89		70-130	21		30
Chloromethane	106		82		52-130	26		30
Bromomethane	139		117		57-147	17		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1130189-3 WG1130189-4								
Vinyl chloride	122		94		67-130	26		30
Chloroethane	114		93		50-151	20		30
1,1-Dichloroethene	112		89		65-135	23		30
trans-1,2-Dichloroethene	112		88		70-130	24		30
Trichloroethene	116		93		70-130	22		30
1,2-Dichlorobenzene	107		91		70-130	16		30
1,3-Dichlorobenzene	110		91		70-130	19		30
1,4-Dichlorobenzene	109		91		70-130	18		30
Methyl tert butyl ether	102		92		66-130	10		30
p/m-Xylene	110		89		70-130	21		30
o-Xylene	108		89		70-130	19		30
cis-1,2-Dichloroethene	108		90		70-130	18		30
Dibromomethane	107		96		70-130	11		30
Styrene	104		86		70-130	19		30
Dichlorodifluoromethane	122		96		30-146	24		30
Acetone	108		116		54-140	7		30
Carbon disulfide	107		83		59-130	25		30
2-Butanone	92		91		70-130	1		30
Vinyl acetate	96		88		70-130	9		30
4-Methyl-2-pentanone	94		92		70-130	2		30
1,2,3-Trichloropropane	104		99		68-130	5		30
2-Hexanone	92		86		70-130	7		30
Bromochloromethane	109		92		70-130	17		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1130189-3 WG1130189-4								
2,2-Dichloropropane	113		91		70-130	22		30
1,2-Dibromoethane	106		96		70-130	10		30
1,3-Dichloropropane	107		95		69-130	12		30
1,1,1,2-Tetrachloroethane	101		88		70-130	14		30
Bromobenzene	105		89		70-130	16		30
n-Butylbenzene	119		94		70-130	23		30
sec-Butylbenzene	117		93		70-130	23		30
tert-Butylbenzene	113		90		70-130	23		30
o-Chlorotoluene	110		90		70-130	20		30
p-Chlorotoluene	111		91		70-130	20		30
1,2-Dibromo-3-chloropropane	88		85		68-130	3		30
Hexachlorobutadiene	117		91		67-130	25		30
Isopropylbenzene	112		90		70-130	22		30
p-Isopropyltoluene	115		92		70-130	22		30
Naphthalene	102		92		70-130	10		30
Acrylonitrile	98		94		70-130	4		30
Tert-Butyl Alcohol	100		97		70-130	3		30
n-Propylbenzene	113		91		70-130	22		30
1,2,3-Trichlorobenzene	106		91		70-130	15		30
1,2,4-Trichlorobenzene	108		91		70-130	17		30
1,3,5-Trimethylbenzene	112		90		70-130	22		30
1,2,4-Trimethylbenzene	112		92		70-130	20		30
Methyl Acetate	99		94		51-146	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06 Batch: WG1130189-3 WG1130189-4								
Acrolein	97		96		70-130	1		30
Cyclohexane	116		89		59-142	26		30
1,4-Dioxane	111		108		65-136	3		30
Freon-113	119		93		50-139	25		30
p-Diethylbenzene	116		93		70-130	22		30
p-Ethyltoluene	113		91		70-130	22		30
1,2,4,5-Tetramethylbenzene	110		91		70-130	19		30
Ethyl ether	107		96		67-130	11		30
trans-1,4-Dichloro-2-butene	103		95		70-130	8		30
Methyl cyclohexane	119		91		70-130	27		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10,16 Batch: WG1130228-3 WG1130228-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	87		87		70-130	0		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	88		87		70-130	1		30
Chlorobenzene	86		87		70-130	1		30
Trichlorofluoromethane	92		92		70-139	0		30
1,2-Dichloroethane	92		90		70-130	2		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	92		92		70-130	0		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	88		86		70-130	2		30
Toluene	85		86		70-130	1		30
Ethylbenzene	86		87		70-130	1		30
Chloromethane	96		89		52-130	8		30
Bromomethane	82		81		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10,16 Batch: WG1130228-3 WG1130228-4								
Vinyl chloride	93		89		67-130	4		30
Chloroethane	90		89		50-151	1		30
1,1-Dichloroethene	91		89		65-135	2		30
trans-1,2-Dichloroethene	88		85		70-130	3		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	87		84		70-130	4		30
1,3-Dichlorobenzene	85		85		70-130	0		30
1,4-Dichlorobenzene	85		85		70-130	0		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	87		88		70-130	1		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	87		86		70-130	1		30
Dibromomethane	90		89		70-130	1		30
Styrene	87		87		70-130	0		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	121		119		54-140	2		30
Carbon disulfide	85		83		59-130	2		30
2-Butanone	103		103		70-130	0		30
Vinyl acetate	95		90		70-130	5		30
4-Methyl-2-pentanone	95		94		70-130	1		30
1,2,3-Trichloropropane	92		91		68-130	1		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10,16 Batch: WG1130228-3 WG1130228-4								
2,2-Dichloropropane	89		88		70-130	1		30
1,2-Dibromoethane	92		91		70-130	1		30
1,3-Dichloropropane	91		90		69-130	1		30
1,1,1,2-Tetrachloroethane	88		88		70-130	0		30
Bromobenzene	84		84		70-130	0		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	87		88		70-130	1		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	85		85		70-130	0		30
p-Chlorotoluene	86		86		70-130	0		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	84		82		67-130	2		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	87		87		70-130	0		30
Naphthalene	91		88		70-130	3		30
Acrylonitrile	102		98		70-130	4		30
Tert-Butyl Alcohol	95		93		70-130	2		30
n-Propylbenzene	87		87		70-130	0		30
1,2,3-Trichlorobenzene	88		87		70-130	1		30
1,2,4-Trichlorobenzene	86		85		70-130	1		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		85		70-130	1		30
Methyl Acetate	99		100		51-146	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 10,16 Batch: WG1130228-3 WG1130228-4								
Acrolein	102		96		70-130	6		30
Cyclohexane	98		97		59-142	1		30
1,4-Dioxane	99		95		65-136	4		30
Freon-113	95		93		50-139	2		30
p-Diethylbenzene	86		85		70-130	1		30
p-Ethyltoluene	87		87		70-130	0		30
1,2,4,5-Tetramethylbenzene	87		85		70-130	2		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	96		97		70-130	1		30
Methyl cyclohexane	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 14,16,24 Batch: WG1130299-3 WG1130299-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	98		97		70-130	1		20
Chlorobenzene	98		98		75-130	0		25
1,2-Dichloroethane	120		110		70-130	9		20
Benzene	110		100		70-130	10		25
Vinyl chloride	110		100		55-140	10		20
1,1-Dichloroethene	110		110		61-145	0		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	95		95		70-130	0		20
2-Butanone	120		110		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		100		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	98		100		70-130
dibromofluoromethane	110		109		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01
 Client ID: 55-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 02:18
 Analyst: EK
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	93		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01
 Client ID: 55-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 12:05
 Analyst: CB
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	82	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-01**Date Collected:** 06/21/18 09:30**Client ID:** 55-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	680		ug/kg	110	21.	1
Benzo(a)pyrene	480		ug/kg	150	45.	1
Benzo(b)fluoranthene	670		ug/kg	110	31.	1
Benzo(k)fluoranthene	220		ug/kg	110	29.	1
Chrysene	580		ug/kg	110	19.	1
Acenaphthylene	72	J	ug/kg	150	28.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	290		ug/kg	150	22.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	150	26.	1
Pyrene	1400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	70	J	ug/kg	180	17.	1
2-Methylnaphthalene	65	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-01**Date Collected:** 06/21/18 09:30**Client ID:** 55-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	120	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	46		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03
 Client ID: 54-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 02:44
 Analyst: EK
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	92		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03
 Client ID: 54-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 12:34
 Analyst: CB
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	180		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-03**Date Collected:** 06/21/18 08:50**Client ID:** 54-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	100	J	ug/kg	110	21.	1
Benzo(a)pyrene	71	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	110		ug/kg	110	32.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	30.	1
Chrysene	93	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	58	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	73	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	52	J	ug/kg	150	26.	1
Pyrene	160		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-03**Date Collected:** 06/21/18 08:50**Client ID:** 54-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	66		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05
 Client ID: X55-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 03:10
 Analyst: EK
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	126	Q	10-120
4-Terphenyl-d14	116		33-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05 D
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/26/18 22:51
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1600	200	10
Benzidine	ND		ug/kg	6500	2100	10
1,2,4-Trichlorobenzene	ND		ug/kg	2000	230	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	530	10
2,4-Dinitrotoluene	ND		ug/kg	2000	400	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Azobenzene	ND		ug/kg	2000	190	10
Fluoranthene	520	J	ug/kg	1200	230	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5700	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	ND		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	680	10
Butyl benzyl phthalate	ND		ug/kg	2000	500	10
Di-n-butylphthalate	ND		ug/kg	2000	380	10
Di-n-octylphthalate	ND		ug/kg	2000	670	10
Diethyl phthalate	ND		ug/kg	2000	180	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05 D
 Client ID: X55-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	2000	420	10
Benzo(a)anthracene	310	J	ug/kg	1200	220	10
Benzo(a)pyrene	ND		ug/kg	1600	480	10
Benzo(b)fluoranthene	370	J	ug/kg	1200	330	10
Benzo(k)fluoranthene	ND		ug/kg	1200	320	10
Chrysene	260	J	ug/kg	1200	210	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	ND		ug/kg	1200	390	10
Benzo(ghi)perylene	370	J	ug/kg	1600	230	10
Fluorene	ND		ug/kg	2000	190	10
Phenanthrene	390	J	ug/kg	1200	240	10
Dibenzo(a,h)anthracene	ND		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	360	J	ug/kg	1600	280	10
Pyrene	490	J	ug/kg	1200	200	10
Biphenyl	ND		ug/kg	4500	460	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	820	10
Dibenzofuran	ND		ug/kg	2000	190	10
2-Methylnaphthalene	290	J	ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	210	10
Acetophenone	ND		ug/kg	2000	240	10
n-Nitrosodimethylamine	ND		ug/kg	4000	380	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	380	10
p-Chloro-m-cresol	ND		ug/kg	2000	300	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	650	10
2-Nitrophenol	ND		ug/kg	4300	740	10
4-Nitrophenol	ND		ug/kg	2800	810	10
2,4-Dinitrophenol	ND		ug/kg	9500	920	10
4,6-Dinitro-o-cresol	ND		ug/kg	5200	950	10
Pentachlorophenol	ND		ug/kg	1600	440	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	310	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	310	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-05 D**Date Collected:** 06/21/18 09:40**Client ID:** X55-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Benzoic Acid	ND		ug/kg	6400	2000	10
Benzyl Alcohol	ND		ug/kg	2000	610	10
Carbazole	ND		ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	690	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	600	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	400	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	71		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07
 Client ID: 48-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 03:36
 Analyst: EK
 Percent Solids: 78%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	94		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07
 Client ID: 48-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 13:24
 Analyst: CB
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	J	ug/kg	170	22.	1
Benzidine	ND		ug/kg	690	230	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	610		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	89	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-07**Date Collected:** 06/21/18 14:00**Client ID:** 48-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	300		ug/kg	120	24.	1
Benzo(a)pyrene	160	J	ug/kg	170	51.	1
Benzo(b)fluoranthene	250		ug/kg	120	35.	1
Benzo(k)fluoranthene	73	J	ug/kg	120	34.	1
Chrysene	250		ug/kg	120	22.	1
Acenaphthylene	52	J	ug/kg	170	32.	1
Anthracene	83	J	ug/kg	120	41.	1
Benzo(ghi)perylene	130	J	ug/kg	170	25.	1
Fluorene	27	J	ug/kg	210	20.	1
Phenanthrene	350		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	170	29.	1
Pyrene	520		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	32	J	ug/kg	210	20.	1
2-Methylnaphthalene	89	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	420	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-07**Date Collected:** 06/21/18 14:00**Client ID:** 48-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	39	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	47		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 04:03
 Analyst: EK
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	83		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09 D
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 23:15
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	320	42.	2
Benzidine	ND		ug/kg	1300	440	2
1,2,4-Trichlorobenzene	ND		ug/kg	400	46.	2
Hexachlorobenzene	ND		ug/kg	240	45.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	54.	2
2-Chloronaphthalene	ND		ug/kg	400	40.	2
3,3'-Dichlorobenzidine	ND		ug/kg	400	110	2
2,4-Dinitrotoluene	ND		ug/kg	400	80.	2
2,6-Dinitrotoluene	ND		ug/kg	400	69.	2
Azobenzene	ND		ug/kg	400	39.	2
Fluoranthene	130	J	ug/kg	240	46.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	400	43.	2
4-Bromophenyl phenyl ether	ND		ug/kg	400	61.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	480	69.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	430	40.	2
Hexachlorobutadiene	ND		ug/kg	400	59.	2
Hexachlorocyclopentadiene	ND		ug/kg	1200	360	2
Hexachloroethane	ND		ug/kg	320	65.	2
Isophorone	ND		ug/kg	360	52.	2
Naphthalene	350	J	ug/kg	400	49.	2
Nitrobenzene	ND		ug/kg	360	60.	2
NDPA/DPA	ND		ug/kg	320	46.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	400	62.	2
Bis(2-ethylhexyl)phthalate	540		ug/kg	400	140	2
Butyl benzyl phthalate	200	J	ug/kg	400	100	2
Di-n-butylphthalate	ND		ug/kg	400	76.	2
Di-n-octylphthalate	ND		ug/kg	400	140	2
Diethyl phthalate	ND		ug/kg	400	37.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09 D
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	400	84.	2
Benzo(a)anthracene	99	J	ug/kg	240	45.	2
Benzo(a)pyrene	ND		ug/kg	320	98.	2
Benzo(b)fluoranthene	99	J	ug/kg	240	68.	2
Benzo(k)fluoranthene	ND		ug/kg	240	64.	2
Chrysene	80	J	ug/kg	240	42.	2
Acenaphthylene	ND		ug/kg	320	62.	2
Anthracene	ND		ug/kg	240	78.	2
Benzo(ghi)perylene	130	J	ug/kg	320	47.	2
Fluorene	ND		ug/kg	400	39.	2
Phenanthrene	120	J	ug/kg	240	49.	2
Dibenzo(a,h)anthracene	ND		ug/kg	240	46.	2
Indeno(1,2,3-cd)pyrene	87	J	ug/kg	320	56.	2
Pyrene	170	J	ug/kg	240	40.	2
Biphenyl	ND		ug/kg	920	93.	2
4-Chloroaniline	ND		ug/kg	400	73.	2
2-Nitroaniline	ND		ug/kg	400	78.	2
3-Nitroaniline	ND		ug/kg	400	76.	2
4-Nitroaniline	ND		ug/kg	400	170	2
Dibenzofuran	ND		ug/kg	400	38.	2
2-Methylnaphthalene	520		ug/kg	480	49.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	400	42.	2
Acetophenone	ND		ug/kg	400	50.	2
n-Nitrosodimethylamine	ND		ug/kg	800	77.	2
2,4,6-Trichlorophenol	ND		ug/kg	240	76.	2
p-Chloro-m-cresol	ND		ug/kg	400	60.	2
2-Chlorophenol	ND		ug/kg	400	48.	2
2,4-Dichlorophenol	ND		ug/kg	360	65.	2
2,4-Dimethylphenol	ND		ug/kg	400	130	2
2-Nitrophenol	ND		ug/kg	870	150	2
4-Nitrophenol	ND		ug/kg	560	160	2
2,4-Dinitrophenol	ND		ug/kg	1900	190	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	190	2
Pentachlorophenol	ND		ug/kg	320	88.	2
Phenol	ND		ug/kg	400	61.	2
2-Methylphenol	ND		ug/kg	400	62.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	580	63.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09 D

Date Collected: 06/21/18 09:00

Client ID: X54-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	400	77.	2
Benzoic Acid	ND		ug/kg	1300	410	2
Benzyl Alcohol	ND		ug/kg	400	120	2
Carbazole	ND		ug/kg	400	39.	2
Atrazine	ND		ug/kg	320	140	2
Benzaldehyde	ND		ug/kg	530	110	2
Caprolactam	ND		ug/kg	400	120	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	400	81.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	51		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 04:28
 Analyst: EK
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		21-120
Phenol-d6	85		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	121	Q	10-120
4-Terphenyl-d14	112		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 23:39
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1600	200	10
Benzidine	ND		ug/kg	6400	2100	10
1,2,4-Trichlorobenzene	ND		ug/kg	2000	220	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	260	10
2-Chloronaphthalene	ND		ug/kg	2000	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Azobenzene	ND		ug/kg	2000	190	10
Fluoranthene	470	J	ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	250	10
Naphthalene	2600		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	240	J	ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	1700	J	ug/kg	2000	680	10
Butyl benzyl phthalate	2400		ug/kg	2000	490	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	660	10
Diethyl phthalate	ND		ug/kg	2000	180	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	380	J	ug/kg	1200	220	10
Benzo(a)pyrene	ND		ug/kg	1600	480	10
Benzo(b)fluoranthene	ND		ug/kg	1200	330	10
Benzo(k)fluoranthene	ND		ug/kg	1200	310	10
Chrysene	260	J	ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	ND		ug/kg	1200	380	10
Benzo(ghi)perylene	670	J	ug/kg	1600	230	10
Fluorene	ND		ug/kg	2000	190	10
Phenanthrene	760	J	ug/kg	1200	240	10
Dibenzo(a,h)anthracene	ND		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	470	J	ug/kg	1600	270	10
Pyrene	940	J	ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	ND		ug/kg	2000	180	10
2-Methylnaphthalene	4200		ug/kg	2300	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
n-Nitrosodimethylamine	ND		ug/kg	3900	380	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	310	10
2,4-Dimethylphenol	ND		ug/kg	2000	640	10
2-Nitrophenol	ND		ug/kg	4200	730	10
4-Nitrophenol	ND		ug/kg	2700	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	910	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	290	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-11 D**Date Collected:** 06/21/18 12:25**Client ID:** X57-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2000	370	10
Benzoic Acid	ND		ug/kg	6300	2000	10
Benzyl Alcohol	ND		ug/kg	2000	600	10
Carbazole	ND		ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	680	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	590	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	390	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12
 Client ID: 57-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 04:55
 Analyst: EK
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	81		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	121	Q	10-120
4-Terphenyl-d14	113		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12 D
 Client ID: 57-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 00:03
 Analyst: EK
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	460		ug/kg	290	37.	2
Benzidine	ND		ug/kg	1200	390	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	220	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	96.	2
2,4-Dinitrotoluene	ND		ug/kg	360	72.	2
2,6-Dinitrotoluene	ND		ug/kg	360	62.	2
Azobenzene	ND		ug/kg	360	35.	2
Fluoranthene	7000		ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	58.	2
Isophorone	ND		ug/kg	320	47.	2
Naphthalene	380		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	320	54.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	91.	2
Di-n-butylphthalate	ND		ug/kg	360	69.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2
Diethyl phthalate	ND		ug/kg	360	34.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12 D
 Client ID: 57-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	360	76.	2
Benzo(a)anthracene	3000		ug/kg	220	41.	2
Benzo(a)pyrene	2400		ug/kg	290	88.	2
Benzo(b)fluoranthene	3300		ug/kg	220	61.	2
Benzo(k)fluoranthene	1200		ug/kg	220	58.	2
Chrysene	2900		ug/kg	220	38.	2
Acenaphthylene	270	J	ug/kg	290	56.	2
Anthracene	1200		ug/kg	220	70.	2
Benzo(ghi)perylene	1700		ug/kg	290	42.	2
Fluorene	450		ug/kg	360	35.	2
Phenanthrene	6000		ug/kg	220	44.	2
Dibenzo(a,h)anthracene	440		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	1900		ug/kg	290	50.	2
Pyrene	6000		ug/kg	220	36.	2
Biphenyl	ND		ug/kg	820	84.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	68.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	420		ug/kg	360	34.	2
2-Methylnaphthalene	230	J	ug/kg	430	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
n-Nitrosodimethylamine	ND		ug/kg	720	69.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	320	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	780	140	2
4-Nitrophenol	ND		ug/kg	510	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	940	170	2
Pentachlorophenol	ND		ug/kg	290	80.	2
Phenol	ND		ug/kg	360	55.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	57.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12 D

Date Collected: 06/21/18 11:50

Client ID: 57-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	69.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	580		ug/kg	360	35.	2
Atrazine	ND		ug/kg	290	130	2
Benzaldehyde	ND		ug/kg	480	98.	2
Caprolactam	ND		ug/kg	360	110	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	360	73.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	75		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15
 Client ID: X56-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 05:21
 Analyst: EK
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	6.0	J	ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	123	Q	10-120
4-Terphenyl-d14	112		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15 D
 Client ID: X56-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 00:27
 Analyst: EK
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	810	100	5
Benzidine	ND		ug/kg	3300	1100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	120	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	910	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Azobenzene	ND		ug/kg	1000	97.	5
Fluoranthene	220	J	ug/kg	600	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	910	5
Hexachloroethane	ND		ug/kg	810	160	5
Isophorone	ND		ug/kg	910	130	5
Naphthalene	840	J	ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	910	150	5
NDPA/DPA	ND		ug/kg	810	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	160	5
Bis(2-ethylhexyl)phthalate	510	J	ug/kg	1000	350	5
Butyl benzyl phthalate	460	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5
Diethyl phthalate	ND		ug/kg	1000	93.	5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15 D
 Client ID: X56-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	170	J	ug/kg	600	110	5
Benzo(a)pyrene	ND		ug/kg	810	240	5
Benzo(b)fluoranthene	ND		ug/kg	600	170	5
Benzo(k)fluoranthene	ND		ug/kg	600	160	5
Chrysene	120	J	ug/kg	600	100	5
Acenaphthylene	ND		ug/kg	810	160	5
Anthracene	ND		ug/kg	600	200	5
Benzo(ghi)perylene	290	J	ug/kg	810	120	5
Fluorene	ND		ug/kg	1000	98.	5
Phenanthrene	340	J	ug/kg	600	120	5
Dibenzo(a,h)anthracene	ND		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	250	J	ug/kg	810	140	5
Pyrene	320	J	ug/kg	600	100	5
Biphenyl	ND		ug/kg	2300	230	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	420	5
Dibenzofuran	ND		ug/kg	1000	95.	5
2-Methylnaphthalene	1400		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
n-Nitrosodimethylamine	ND		ug/kg	2000	190	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	910	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	470	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	810	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-15 D**Date Collected:** 06/21/18 11:00**Client ID:** X56-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Benzoic Acid	ND		ug/kg	3300	1000	5
Benzyl Alcohol	ND		ug/kg	1000	310	5
Carbazole	ND		ug/kg	1000	98.	5
Atrazine	ND		ug/kg	810	350	5
Benzaldehyde	ND		ug/kg	1300	270	5
Caprolactam	ND		ug/kg	1000	310	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1000	200	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	54		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 06:42
 Analyst: EK
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		21-120
Phenol-d6	84		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	125	Q	10-120
4-Terphenyl-d14	108		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/25/18 15:30
 Analyst: CB
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170		ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	4300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	140	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17

Date Collected: 06/21/18 10:40

Client ID: 56-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1600		ug/kg	110	20.	1
Benzo(a)pyrene	1200		ug/kg	140	44.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	520		ug/kg	110	29.	1
Chrysene	1400		ug/kg	110	19.	1
Acenaphthylene	170		ug/kg	140	28.	1
Anthracene	550		ug/kg	110	36.	1
Benzo(ghi)perylene	890		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	18.	1
Phenanthrene	2900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	220		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	950		ug/kg	140	25.	1
Pyrene	3600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	140	J	ug/kg	180	17.	1
2-Methylnaphthalene	75	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	240		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/26/18 07:08
Analyst: EK
Percent Solids: 92%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	93		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19 D
 Client ID: 58-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 16:04
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1900		ug/kg	1400	180	10
Benzidine	ND		ug/kg	5900	1900	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	470	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	300	10
Azobenzene	ND		ug/kg	1800	170	10
Fluoranthene	25000		ug/kg	1100	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5100	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	830	J	ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	ND		ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	600	10
Diethyl phthalate	ND		ug/kg	1800	160	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19 D
 Client ID: 58-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	1800	370	10
Benzo(a)anthracene	11000		ug/kg	1100	200	10
Benzo(a)pyrene	9700		ug/kg	1400	430	10
Benzo(b)fluoranthene	12000		ug/kg	1100	300	10
Benzo(k)fluoranthene	4500		ug/kg	1100	280	10
Chrysene	10000		ug/kg	1100	180	10
Acenaphthylene	1300	J	ug/kg	1400	270	10
Anthracene	5400		ug/kg	1100	350	10
Benzo(ghi)perylene	5700		ug/kg	1400	210	10
Fluorene	2400		ug/kg	1800	170	10
Phenanthrene	21000		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	1500		ug/kg	1100	200	10
Indeno(1,2,3-cd)pyrene	6400		ug/kg	1400	250	10
Pyrene	20000		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4000	410	10
4-Chloroaniline	ND		ug/kg	1800	320	10
2-Nitroaniline	ND		ug/kg	1800	340	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	740	10
Dibenzofuran	1200	J	ug/kg	1800	170	10
2-Methylnaphthalene	360	J	ug/kg	2100	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	180	10
Acetophenone	ND		ug/kg	1800	220	10
n-Nitrosodimethylamine	ND		ug/kg	3600	340	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	260	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3800	670	10
4-Nitrophenol	ND		ug/kg	2500	730	10
2,4-Dinitrophenol	ND		ug/kg	8500	830	10
4,6-Dinitro-o-cresol	ND		ug/kg	4600	850	10
Pentachlorophenol	ND		ug/kg	1400	390	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19 D

Date Collected: 06/21/18 13:10

Client ID: 58-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Benzoic Acid	ND		ug/kg	5800	1800	10
Benzyl Alcohol	ND		ug/kg	1800	540	10
Carbazole	1600	J	ug/kg	1800	170	10
Atrazine	ND		ug/kg	1400	620	10
Benzaldehyde	ND		ug/kg	2400	480	10
Caprolactam	ND		ug/kg	1800	540	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	360	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	80		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21
 Client ID: X48/X58-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 07:35
 Analyst: EK
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	80		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	120		10-120
4-Terphenyl-d14	109		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21 D
 Client ID: X48/X58-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 16:29
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2300		ug/kg	1500	200	10
Benzidine	ND		ug/kg	6200	2000	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Azobenzene	ND		ug/kg	1900	180	10
Fluoranthene	49000		ug/kg	1100	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5400	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	1800	J	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	650	10
Butyl benzyl phthalate	ND		ug/kg	1900	470	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	640	10
Diethyl phthalate	ND		ug/kg	1900	170	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21 D
 Client ID: X48/X58-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	22000		ug/kg	1100	210	10
Benzo(a)pyrene	20000		ug/kg	1500	460	10
Benzo(b)fluoranthene	25000		ug/kg	1100	320	10
Benzo(k)fluoranthene	8400		ug/kg	1100	300	10
Chrysene	21000		ug/kg	1100	200	10
Acenaphthylene	1700		ug/kg	1500	290	10
Anthracene	8000		ug/kg	1100	370	10
Benzo(ghi)perylene	12000		ug/kg	1500	220	10
Fluorene	2200		ug/kg	1900	180	10
Phenanthrene	34000		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	2800		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	13000		ug/kg	1500	260	10
Pyrene	42000		ug/kg	1100	190	10
Biphenyl	ND		ug/kg	4300	440	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	780	10
Dibenzofuran	1600	J	ug/kg	1900	180	10
2-Methylnaphthalene	750	J	ug/kg	2200	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	230	10
n-Nitrosodimethylamine	ND		ug/kg	3800	360	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4100	710	10
4-Nitrophenol	ND		ug/kg	2600	770	10
2,4-Dinitrophenol	ND		ug/kg	9000	880	10
4,6-Dinitro-o-cresol	ND		ug/kg	4900	900	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	290	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-21 D**Date Collected:** 06/21/18 13:20**Client ID:** X48/X58-WC (9-14)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Benzoic Acid	ND		ug/kg	6100	1900	10
Benzyl Alcohol	ND		ug/kg	1900	580	10
Carbazole	2700		ug/kg	1900	180	10
Atrazine	ND		ug/kg	1500	660	10
Benzaldehyde	ND		ug/kg	2500	510	10
Caprolactam	ND		ug/kg	1900	570	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	380	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	71		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 08:02
 Analyst: EK
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		21-120
Phenol-d6	81		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	102		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23 D
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 01:39
 Analyst: EK
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1500	200	10
Benzidine	ND		ug/kg	6300	2100	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	220	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	510	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Azobenzene	ND		ug/kg	1900	180	10
Fluoranthene	ND		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5500	1700	10
Hexachloroethane	ND		ug/kg	1500	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	950	J	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	660	10
Butyl benzyl phthalate	ND		ug/kg	1900	480	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	650	10
Diethyl phthalate	ND		ug/kg	1900	180	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23 D
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	ND		ug/kg	1200	220	10
Benzo(a)pyrene	ND		ug/kg	1500	470	10
Benzo(b)fluoranthene	ND		ug/kg	1200	320	10
Benzo(k)fluoranthene	ND		ug/kg	1200	310	10
Chrysene	ND		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1500	300	10
Anthracene	ND		ug/kg	1200	380	10
Benzo(ghi)perylene	320	J	ug/kg	1500	230	10
Fluorene	ND		ug/kg	1900	190	10
Phenanthrene	300	J	ug/kg	1200	230	10
Dibenzo(a,h)anthracene	ND		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	270	J	ug/kg	1500	270	10
Pyrene	350	J	ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	800	10
Dibenzofuran	ND		ug/kg	1900	180	10
2-Methylnaphthalene	1600	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
n-Nitrosodimethylamine	ND		ug/kg	3800	370	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	290	10
2-Chlorophenol	ND		ug/kg	1900	230	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	630	10
2-Nitrophenol	ND		ug/kg	4200	720	10
4-Nitrophenol	ND		ug/kg	2700	780	10
2,4-Dinitrophenol	ND		ug/kg	9200	900	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	920	10
Pentachlorophenol	ND		ug/kg	1500	420	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23 D

Date Collected: 06/21/18 15:25

Client ID: X47-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1900	370	10
Benzoic Acid	ND		ug/kg	6200	1900	10
Benzyl Alcohol	ND		ug/kg	1900	590	10
Carbazole	ND		ug/kg	1900	190	10
Atrazine	ND		ug/kg	1500	670	10
Benzaldehyde	ND		ug/kg	2500	520	10
Caprolactam	ND		ug/kg	1900	580	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	390	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	66		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/26/18 08:29
 Analyst: EK
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		21-120
Phenol-d6	87		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	121	Q	10-120
4-Terphenyl-d14	106		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25 D
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/27/18 02:04
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	440		ug/kg	290	37.	2
Benzidine	ND		ug/kg	1200	390	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	220	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	95.	2
2,4-Dinitrotoluene	ND		ug/kg	360	72.	2
2,6-Dinitrotoluene	ND		ug/kg	360	62.	2
Azobenzene	ND		ug/kg	360	34.	2
Fluoranthene	5900		ug/kg	220	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	61.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	52.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	290	58.	2
Isophorone	ND		ug/kg	320	46.	2
Naphthalene	300	J	ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	320	53.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	55.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	90.	2
Di-n-butylphthalate	86	J	ug/kg	360	68.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2
Diethyl phthalate	ND		ug/kg	360	33.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25 D
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	360	75.	2
Benzo(a)anthracene	2700		ug/kg	220	40.	2
Benzo(a)pyrene	2200		ug/kg	290	88.	2
Benzo(b)fluoranthene	3100		ug/kg	220	60.	2
Benzo(k)fluoranthene	910		ug/kg	220	57.	2
Chrysene	2600		ug/kg	220	37.	2
Acenaphthylene	310		ug/kg	290	55.	2
Anthracene	980		ug/kg	220	70.	2
Benzo(ghi)perylene	1500		ug/kg	290	42.	2
Fluorene	350	J	ug/kg	360	35.	2
Phenanthrene	3700		ug/kg	220	44.	2
Dibenzo(a,h)anthracene	400		ug/kg	220	41.	2
Indeno(1,2,3-cd)pyrene	1700		ug/kg	290	50.	2
Pyrene	5100		ug/kg	220	36.	2
Biphenyl	ND		ug/kg	820	83.	2
4-Chloroaniline	ND		ug/kg	360	65.	2
2-Nitroaniline	ND		ug/kg	360	69.	2
3-Nitroaniline	ND		ug/kg	360	68.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	220	J	ug/kg	360	34.	2
2-Methylnaphthalene	150	J	ug/kg	430	43.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	37.	2
Acetophenone	ND		ug/kg	360	44.	2
n-Nitrosodimethylamine	ND		ug/kg	720	69.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	68.	2
p-Chloro-m-cresol	ND		ug/kg	360	53.	2
2-Chlorophenol	ND		ug/kg	360	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	770	130	2
4-Nitrophenol	ND		ug/kg	500	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	930	170	2
Pentachlorophenol	ND		ug/kg	290	79.	2
Phenol	ND		ug/kg	360	54.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	56.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25 D

Date Collected: 06/21/18 15:20

Client ID: 47-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	69.	2
Benzoic Acid	ND		ug/kg	1200	360	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	450		ug/kg	360	35.	2
Atrazine	ND		ug/kg	290	120	2
Benzaldehyde	ND		ug/kg	470	97.	2
Caprolactam	ND		ug/kg	360	110	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	360	72.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	81		18-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/26/18 00:59
 Analyst: EK
 TCLP/SPLP Extraction Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 10:32

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129205-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		21-120
Phenol-d6	84		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	123	Q	10-120
4-Terphenyl-d14	113		33-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 09:05
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 09:05
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-1					
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/25/18 09:05
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D
Analytical Date: 06/25/18 09:05
Analyst: CBExtraction Method: EPA 3546
Extraction Date: 06/24/18 15:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129205-2 WG1129205-3								
Hexachlorobenzene	95		100		40-140	5		30
2,4-Dinitrotoluene	110		114		40-132	4		30
Hexachlorobutadiene	88		84		28-111	5		30
Hexachloroethane	85		76		21-105	11		30
Nitrobenzene	84		88		40-140	5		30
2,4,6-Trichlorophenol	108		112		30-130	4		30
Pentachlorophenol	76		82		9-103	8		30
2-Methylphenol	91		96		30-130	5		30
3-Methylphenol/4-Methylphenol	96		98		30-130	2		30
2,4,5-Trichlorophenol	112		116		30-130	4		30
Pyridine	46		40		10-66	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		89		21-120
Phenol-d6	85		86		10-120
Nitrobenzene-d5	94		96		23-120
2-Fluorobiphenyl	97		99		15-120
2,4,6-Tribromophenol	117		123	Q	10-120
4-Terphenyl-d14	104		110		33-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-2 WG1129251-3								
Acenaphthene	54		57		31-137	5		50
Benzidine	34		35		10-66	3		50
1,2,4-Trichlorobenzene	62		64		38-107	3		50
Hexachlorobenzene	69		73		40-140	6		50
Bis(2-chloroethyl)ether	55		58		40-140	5		50
2-Chloronaphthalene	66		69		40-140	4		50
3,3'-Dichlorobenzidine	45		46		40-140	2		50
2,4-Dinitrotoluene	60		64		40-132	6		50
2,6-Dinitrotoluene	64		68		40-140	6		50
Azobenzene	70		75		40-140	7		50
Fluoranthene	60		63		40-140	5		50
4-Chlorophenyl phenyl ether	64		69		40-140	8		50
4-Bromophenyl phenyl ether	71		72		40-140	1		50
Bis(2-chloroisopropyl)ether	36	Q	38	Q	40-140	5		50
Bis(2-chloroethoxy)methane	59		62		40-117	5		50
Hexachlorobutadiene	82		84		40-140	2		50
Hexachlorocyclopentadiene	66		68		40-140	3		50
Hexachloroethane	63		66		40-140	5		50
Isophorone	65		68		40-140	5		50
Naphthalene	55		58		40-140	5		50
Nitrobenzene	65		71		40-140	9		50
NDPA/DPA	60		64		36-157	6		50
n-Nitrosodi-n-propylamine	65		70		32-121	7		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-2 WG1129251-3								
Bis(2-ethylhexyl)phthalate	46		48		40-140	4		50
Butyl benzyl phthalate	58		60		40-140	3		50
Di-n-butylphthalate	58		59		40-140	2		50
Di-n-octylphthalate	45		47		40-140	4		50
Diethyl phthalate	63		66		40-140	5		50
Dimethyl phthalate	69		71		40-140	3		50
Benzo(a)anthracene	55		58		40-140	5		50
Benzo(a)pyrene	49		52		40-140	6		50
Benzo(b)fluoranthene	49		51		40-140	4		50
Benzo(k)fluoranthene	49		52		40-140	6		50
Chrysene	49		51		40-140	4		50
Acenaphthylene	62		65		40-140	5		50
Anthracene	55		56		40-140	2		50
Benzo(ghi)perylene	53		57		40-140	7		50
Fluorene	59		62		40-140	5		50
Phenanthrene	54		56		40-140	4		50
Dibenzo(a,h)anthracene	54		57		40-140	5		50
Indeno(1,2,3-cd)pyrene	51		56		40-140	9		50
Pyrene	60		62		35-142	3		50
Biphenyl	66		68		54-104	3		50
4-Chloroaniline	60		62		40-140	3		50
2-Nitroaniline	59		62		47-134	5		50
3-Nitroaniline	45		47		26-129	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-2 WG1129251-3								
4-Nitroaniline	49		52		41-125	6		50
Dibenzofuran	57		61		40-140	7		50
2-Methylnaphthalene	59		62		40-140	5		50
1,2,4,5-Tetrachlorobenzene	79		83		40-117	5		50
Acetophenone	58		63		14-144	8		50
n-Nitrosodimethylamine	54		58		22-100	7		50
2,4,6-Trichlorophenol	69		74		30-130	7		50
p-Chloro-m-cresol	68		71		26-103	4		50
2-Chlorophenol	54		58		25-102	7		50
2,4-Dichlorophenol	62		66		30-130	6		50
2,4-Dimethylphenol	68		72		30-130	6		50
2-Nitrophenol	55		59		30-130	7		50
4-Nitrophenol	69		72		11-114	4		50
2,4-Dinitrophenol	47		48		4-130	2		50
4,6-Dinitro-o-cresol	59		64		10-130	8		50
Pentachlorophenol	53		57		17-109	7		50
Phenol	56		59		26-90	5		50
2-Methylphenol	58		62		30-130.	7		50
3-Methylphenol/4-Methylphenol	63		66		30-130	5		50
2,4,5-Trichlorophenol	72		73		30-130	1		50
Benzoic Acid	35		38		10-110	8		50
Benzyl Alcohol	73		77		40-140	5		50
Carbazole	52	Q	55		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129251-2 WG1129251-3								
Atrazine	68		74		40-140	8		50
Benzaldehyde	50		53		40-140	6		50
Caprolactam	47		50		15-130	6		50
2,3,4,6-Tetrachlorophenol	68		71		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		59		25-120
Phenol-d6	60		62		10-120
Nitrobenzene-d5	68		73		23-120
2-Fluorobiphenyl	65		69		30-120
2,4,6-Tribromophenol	70		70		10-136
4-Terphenyl-d14	70		72		18-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/25/18 17:48
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	422.		mg/kg	35.3	3.53	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	74			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 15:01
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	219		mg/kg	25.5	25.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	42		40-140
o-Terphenyl	42		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-03
Client ID: 54-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/25/18 18:21
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	70.8		mg/kg	37.3	3.74	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	81			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-03
Client ID: 54-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 15:31
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	87.2		mg/kg	27.3	27.3	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	65			40-140		
o-Terphenyl	65			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05 D
 Client ID: X55-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/26/18 17:58
 Analyst: DG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	7990		mg/kg	808	81.0	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	101			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05 D
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/27/18 01:09
Analyst: DG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	12000		mg/kg	289	289.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	82			40-140		
o-Terphenyl	94			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/25/18 19:58
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	284.		mg/kg	41.1	4.12	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	90			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 16:29
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	215		mg/kg	29.1	29.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	83		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-09 D
Client ID: X54-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 18:31
Analyst: DG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	6280		mg/kg	773	77.5	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	99			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09 D
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/27/18 01:38
 Analyst: DG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	10300		mg/kg	275	275.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	88		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/26/18 20:40
 Analyst: DG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	30900		mg/kg	3930	394.	100
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/27/18 02:07
 Analyst: DG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	20900		mg/kg	546	546.	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	0		Q	40-140		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 17:56
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	506		mg/kg	26.5	26.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	70			40-140		
o-Terphenyl	69			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12 D
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 16:21
Analyst: DG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	593.		mg/kg	181	18.1	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	88			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15 D
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 19:36
Analyst: DG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	9150		mg/kg	1930	194.	50
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15 D
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/27/18 02:36
Analyst: DG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	8280		mg/kg	284	284.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	90			40-140		
o-Terphenyl	97			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 18:54
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	537		mg/kg	26.6	26.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	65			40-140		
o-Terphenyl	64			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17 D
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/26/18 16:53
 Analyst: DG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	596.		mg/kg	183	18.3	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	101			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 19:52
Analyst: DG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	274		mg/kg	24.9	24.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	44		40-140
o-Terphenyl	46		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19 D
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 17:26
Analyst: DG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	771.		mg/kg	176	17.7	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	91			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21 D
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 19:03
Analyst: DG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	4410		mg/kg	737	73.9	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	114			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21 D
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/27/18 10:17
Analyst: DG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	1870		mg/kg	54.3	54.3	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	47			40-140		
o-Terphenyl	52			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23 D
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/26/18 20:08
 Analyst: DG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 17:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	8730		mg/kg	1940	195.	50
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23 D
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/27/18 10:46
 Analyst: DG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	9440		mg/kg	273	273.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	101			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-25
Client ID: 47-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/26/18 00:49
Analyst: DG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 17:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	316.		mg/kg	36.0	3.61	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	89			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-25
Client ID: 47-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/26/18 21:19
Analyst: DG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 18:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	322		mg/kg	25.8	25.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	50			40-140		
o-Terphenyl	47			40-140		

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 06/25/18 16:11
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 17:06

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129261-1					
DROD (C9-C44)	ND		mg/kg	31.8	3.19

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 103,NJDEP EPH**Extraction Method:** EPA 3546**Analytical Date:** 06/26/18 12:37**Extraction Date:** 06/24/18 18:35**Analyst:** MEO

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129271-1					
Total EPH	ND		mg/kg	23.4	23.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	65		40-140
o-Terphenyl	65		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129261-2								
Total Petroleum Hydrocarbons (C9-C44)	76		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	83				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129271-2 WG1129271-3								
Total EPH	88		84		40-140	5		25
Nonane (C9)	62		61		40-140	2		25
Decane (C10)	72		70		40-140	3		25
Dodecane (C12)	71		67		40-140	6		25
Tetradecane (C14)	75		70		40-140	7		25
Hexadecane (C16)	78		74		40-140	5		25
Octadecane (C18)	83		80		40-140	4		25
Eicosane (C20)	83		80		40-140	4		25
Heneicosane (C21)	84		81		40-140	4		25
Docosane (C22)	84		80		40-140	5		25
Tetracosane (C24)	84		81		40-140	4		25
Hexacosane (C26)	84		81		40-140	4		25
Octacosane (C28)	83		80		40-140	4		25
Triacontane (C30)	83		80		40-140	4		25
Dotriacontane (C32)	83		80		40-140	4		25
Tetatriacontane (C34)	81		78		40-140	4		25
Hexatriacontane (C36)	84		82		40-140	2		25
Octatriacontane (C38)	85		84		40-140	1		25
Tetracontane (C40)	84		83		40-140	1		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129271-2 WG1129271-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	80		75		40-140
o-Terphenyl	81		77		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab L1823622-01 Client ID: 55-WC (0-9)												
Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129261-3 QC Sample:												
Total Petroleum Hydrocarbons (C9-C44)	422	114	474	46		-	-		40-140	-		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	80				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Sample: L1823622-01 Client ID: 55-WC (0-9) Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129271-4 QC												
Total EPH	219	254	310	66		-	-		40-140	-		50
Nonane (C9)	ND	7.07	2.90	41		-	-		40-140	-		50
Decane (C10)	ND	7.07	3.36	48		-	-		40-140	-		50
Dodecane (C12)	ND	7.07	3.38	48		-	-		40-140	-		50
Tetradecane (C14)	ND	7.07	3.71	53		-	-		40-140	-		50
Hexadecane (C16)	ND	7.07	4.01	57		-	-		40-140	-		50
Octadecane (C18)	ND	7.07	4.43	63		-	-		40-140	-		50
Eicosane (C20)	ND	7.07	4.27	60		-	-		40-140	-		50
Heneicosane (C21)	ND	7.07	4.53	64		-	-		40-140	-		50
Docosane (C22)	ND	7.07	4.45	63		-	-		40-140	-		50
Tetracosane (C24)	ND	7.07	4.74	67		-	-		40-140	-		50
Hexacosane (C26)	ND	7.07	4.49	64		-	-		40-140	-		50
Octacosane (C28)	ND	7.07	4.37	62		-	-		40-140	-		50
triacontane (C30)	ND	7.07	4.23	60		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.07	4.57	65		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.07	4.05	57		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.07	4.48	63		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.07	3.82	54		-	-		40-140	-		50
Tetracontane (C40)	ND	7.07	3.77	53		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	58				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129271-4 QC
Sample: L1823622-01 Client ID: 55-WC (0-9)

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	57				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129261-4 QC Sample: L1823622-01 Client ID: 55-WC (0-9)						
DROD (C9-C44)	422	366	mg/kg	14		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		89		40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129271-5 QC Sample: L1823622-01 Client ID: 55-WC (0-9)						
Total EPH	219	197	mg/kg	32		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	42		54		40-140
o-Terphenyl	42		53		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01
 Client ID: 55-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 14:56
 Analyst: HT
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	4.09	1	A
Aroclor 1221	ND		ug/kg	36.0	5.48	1	A
Aroclor 1232	ND		ug/kg	36.0	3.55	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	4.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.94	1	A
Aroclor 1260	21.1	J	ug/kg	36.0	3.76	1	B
Aroclor 1262	ND		ug/kg	36.0	2.96	1	A
Aroclor 1268	10.4	J	ug/kg	36.0	2.55	1	B
PCBs, Total	31.5	J	ug/kg	36.0	2.55	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	149		30-150	A
Decachlorobiphenyl	137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	129		30-150	B
Decachlorobiphenyl	149		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03
 Client ID: 54-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 15:08
 Analyst: HT
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	4.27	1	A
Aroclor 1221	ND		ug/kg	37.6	5.73	1	A
Aroclor 1232	ND		ug/kg	37.6	3.70	1	A
Aroclor 1242	ND		ug/kg	37.6	4.61	1	A
Aroclor 1248	ND		ug/kg	37.6	4.22	1	A
Aroclor 1254	ND		ug/kg	37.6	3.07	1	A
Aroclor 1260	ND		ug/kg	37.6	3.93	1	A
Aroclor 1262	ND		ug/kg	37.6	3.09	1	A
Aroclor 1268	ND		ug/kg	37.6	2.66	1	A
PCBs, Total	ND		ug/kg	37.6	2.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	164	Q	30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	150		30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05 D
 Client ID: X55-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 16:59
 Analyst: HT
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	403	45.7	10	A
Aroclor 1221	ND		ug/kg	403	61.4	10	A
Aroclor 1232	ND		ug/kg	403	39.7	10	A
Aroclor 1242	ND		ug/kg	403	49.3	10	A
Aroclor 1248	ND		ug/kg	403	45.2	10	A
Aroclor 1254	ND		ug/kg	403	32.9	10	A
Aroclor 1260	ND		ug/kg	403	42.1	10	A
Aroclor 1262	ND		ug/kg	403	33.1	10	A
Aroclor 1268	ND		ug/kg	403	28.5	10	A
PCBs, Total	ND		ug/kg	403	28.5	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/26/18 15:20
Analyst: HT
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 23:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.3	4.69	1	A
Aroclor 1221	ND		ug/kg	41.3	6.29	1	A
Aroclor 1232	ND		ug/kg	41.3	4.07	1	A
Aroclor 1242	ND		ug/kg	41.3	5.06	1	A
Aroclor 1248	ND		ug/kg	41.3	4.64	1	A
Aroclor 1254	ND		ug/kg	41.3	3.37	1	A
Aroclor 1260	13.0	J	ug/kg	41.3	4.31	1	B
Aroclor 1262	ND		ug/kg	41.3	3.40	1	A
Aroclor 1268	ND		ug/kg	41.3	2.93	1	A
PCBs, Total	13.0	J	ug/kg	41.3	2.93	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09 D
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 17:12
 Analyst: HT
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	384	43.6	10	A
Aroclor 1221	ND		ug/kg	384	58.5	10	A
Aroclor 1232	ND		ug/kg	384	37.8	10	A
Aroclor 1242	ND		ug/kg	384	47.0	10	A
Aroclor 1248	ND		ug/kg	384	43.1	10	A
Aroclor 1254	ND		ug/kg	384	31.3	10	A
Aroclor 1260	ND		ug/kg	384	40.1	10	A
Aroclor 1262	ND		ug/kg	384	31.6	10	A
Aroclor 1268	ND		ug/kg	384	27.2	10	A
PCBs, Total	ND		ug/kg	384	27.2	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 17:24
 Analyst: HT
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	378	42.9	10	A
Aroclor 1221	ND		ug/kg	378	57.6	10	A
Aroclor 1232	ND		ug/kg	378	37.2	10	A
Aroclor 1242	ND		ug/kg	378	46.3	10	A
Aroclor 1248	ND		ug/kg	378	42.4	10	A
Aroclor 1254	ND		ug/kg	378	30.8	10	A
Aroclor 1260	ND		ug/kg	378	39.5	10	A
Aroclor 1262	ND		ug/kg	378	31.1	10	A
Aroclor 1268	ND		ug/kg	378	26.8	10	A
PCBs, Total	ND		ug/kg	378	26.8	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12
 Client ID: 57-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 15:33
 Analyst: HT
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	4.19	1	A
Aroclor 1221	ND		ug/kg	37.0	5.63	1	A
Aroclor 1232	ND		ug/kg	37.0	3.64	1	A
Aroclor 1242	ND		ug/kg	37.0	4.52	1	A
Aroclor 1248	ND		ug/kg	37.0	4.15	1	A
Aroclor 1254	ND		ug/kg	37.0	3.02	1	A
Aroclor 1260	15.0	J	ug/kg	37.0	3.86	1	A
Aroclor 1262	ND		ug/kg	37.0	3.04	1	A
Aroclor 1268	ND		ug/kg	37.0	2.62	1	A
PCBs, Total	15.0	J	ug/kg	37.0	2.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15 D
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/26/18 17:37
Analyst: HT
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 23:51
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	392	44.5	10	A
Aroclor 1221	ND		ug/kg	392	59.7	10	A
Aroclor 1232	ND		ug/kg	392	38.6	10	A
Aroclor 1242	ND		ug/kg	392	48.0	10	A
Aroclor 1248	ND		ug/kg	392	44.0	10	A
Aroclor 1254	ND		ug/kg	392	32.0	10	A
Aroclor 1260	ND		ug/kg	392	40.9	10	A
Aroclor 1262	ND		ug/kg	392	32.2	10	A
Aroclor 1268	ND		ug/kg	392	27.8	10	A
PCBs, Total	ND		ug/kg	392	27.8	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 15:45
 Analyst: HT
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	4.20	1	A
Aroclor 1221	ND		ug/kg	37.0	5.64	1	A
Aroclor 1232	ND		ug/kg	37.0	3.65	1	A
Aroclor 1242	ND		ug/kg	37.0	4.54	1	A
Aroclor 1248	ND		ug/kg	37.0	4.16	1	A
Aroclor 1254	ND		ug/kg	37.0	3.02	1	A
Aroclor 1260	ND		ug/kg	37.0	3.87	1	A
Aroclor 1262	ND		ug/kg	37.0	3.05	1	A
Aroclor 1268	ND		ug/kg	37.0	2.62	1	A
PCBs, Total	ND		ug/kg	37.0	2.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/26/18 15:57
Analyst: HT
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 23:51
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	4.00	1	A
Aroclor 1221	ND		ug/kg	35.3	5.37	1	A
Aroclor 1232	ND		ug/kg	35.3	3.47	1	A
Aroclor 1242	ND		ug/kg	35.3	4.32	1	A
Aroclor 1248	ND		ug/kg	35.3	3.96	1	A
Aroclor 1254	ND		ug/kg	35.3	2.88	1	A
Aroclor 1260	17.4	J	ug/kg	35.3	3.68	1	A
Aroclor 1262	ND		ug/kg	35.3	2.90	1	A
Aroclor 1268	23.3	J	ug/kg	35.3	2.50	1	A
PCBs, Total	40.7	J	ug/kg	35.3	2.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21
 Client ID: X48/X58-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 16:10
 Analyst: HT
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	4.09	1	A
Aroclor 1221	ND		ug/kg	36.1	5.49	1	A
Aroclor 1232	ND		ug/kg	36.1	3.55	1	A
Aroclor 1242	ND		ug/kg	36.1	4.42	1	A
Aroclor 1248	ND		ug/kg	36.1	4.05	1	A
Aroclor 1254	ND		ug/kg	36.1	2.94	1	A
Aroclor 1260	ND		ug/kg	36.1	3.76	1	A
Aroclor 1262	ND		ug/kg	36.1	2.96	1	A
Aroclor 1268	ND		ug/kg	36.1	2.55	1	A
PCBs, Total	ND		ug/kg	36.1	2.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-23 **D**
Client ID: X47-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/26/18 17:49
Analyst: HT
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/24/18 23:51
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	380	43.0	10	A
Aroclor 1221	ND		ug/kg	380	57.8	10	A
Aroclor 1232	ND		ug/kg	380	37.3	10	A
Aroclor 1242	ND		ug/kg	380	46.4	10	A
Aroclor 1248	ND		ug/kg	380	42.6	10	A
Aroclor 1254	ND		ug/kg	380	31.0	10	A
Aroclor 1260	ND		ug/kg	380	39.6	10	A
Aroclor 1262	ND		ug/kg	380	31.2	10	A
Aroclor 1268	ND		ug/kg	380	26.9	10	A
PCBs, Total	ND		ug/kg	380	26.9	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/26/18 16:22
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:51
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.90	1	A
Aroclor 1221	ND		ug/kg	34.4	5.23	1	A
Aroclor 1232	ND		ug/kg	34.4	3.38	1	A
Aroclor 1242	ND		ug/kg	34.4	4.21	1	A
Aroclor 1248	ND		ug/kg	34.4	3.86	1	A
Aroclor 1254	ND		ug/kg	34.4	2.80	1	A
Aroclor 1260	16.2	J	ug/kg	34.4	3.59	1	A
Aroclor 1262	ND		ug/kg	34.4	2.83	1	A
Aroclor 1268	14.2	J	ug/kg	34.4	2.43	1	A
PCBs, Total	30.4	J	ug/kg	34.4	2.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 06/26/18 03:59
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 06/24/18 23:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129285-1						
Aroclor 1016	ND		ug/kg	32.9	3.73	A
Aroclor 1221	ND		ug/kg	32.9	5.00	A
Aroclor 1232	ND		ug/kg	32.9	3.23	A
Aroclor 1242	ND		ug/kg	32.9	4.02	A
Aroclor 1248	ND		ug/kg	32.9	3.69	A
Aroclor 1254	ND		ug/kg	32.9	2.68	A
Aroclor 1260	ND		ug/kg	32.9	3.43	A
Aroclor 1262	ND		ug/kg	32.9	2.70	A
Aroclor 1268	ND		ug/kg	32.9	2.33	A
PCBs, Total	ND		ug/kg	32.9	2.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	181	Q	30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	206	Q	30-150	B
Decachlorobiphenyl	146		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129285-2 WG1129285-3									
Aroclor 1016	82		86		40-140	5		50	A
Aroclor 1260	72		74		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	189	Q	192	Q	30-150	A
Decachlorobiphenyl	143		149		30-150	A
2,4,5,6-Tetrachloro-m-xylene	213	Q	217	Q	30-150	B
Decachlorobiphenyl	153	Q	161	Q	30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 21:45
Analyst: KEG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01
 Client ID: 55-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 02:30
 Analyst: JW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	7.35		ug/kg	1.72	0.398	1	A
4,4'-DDD	5.12		ug/kg	1.72	0.614	1	B
4,4'-DDT	30.0		ug/kg	3.23	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.04	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.0	5.70	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01

Date Collected: 06/21/18 09:30

Client ID: 55-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	101		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 04:11
Analyst: KEG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	50		30-150	A
DCAA	49		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03
 Client ID: 54-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 21:58
 Analyst: KEG
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03
 Client ID: 54-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 01:02
 Analyst: JW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	ND		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	3.42	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.56	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	14.8	6.03	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03

Date Collected: 06/21/18 08:50

Client ID: 54-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-03
Client ID: 54-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 04:31
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	46		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05
 Client ID: X55-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 22:11
 Analyst: KEG
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 01:15
Analyst: JW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/25/18 05:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.420	1	A
Aldrin	ND		ug/kg	1.88	0.660	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	5.59		ug/kg	1.88	0.434	1	A
4,4'-DDD	6.93		ug/kg	1.88	0.669	1	A
4,4'-DDT	16.7		ug/kg	3.52	1.51	1	B
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.653	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.2	6.21	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05

Date Collected: 06/21/18 09:40

Client ID: X55-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 04:51
Analyst: KEG
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	64		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 22:23
Analyst: KEG
Percent Solids: 78%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07
 Client ID: 48-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 00:12
 Analyst: JW
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.361	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.969	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.848	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	3.50		ug/kg	1.94	0.448	1	B
4,4'-DDD	1.50	J	ug/kg	1.94	0.691	1	B
4,4'-DDT	9.08		ug/kg	3.63	1.56	1	B
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.675	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	15.7	6.42	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07

Date Collected: 06/21/18 14:00

Client ID: 48-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	106		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 05:11
Analyst: KEG
Percent Solids: 78%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	43		30-150	A
DCAA	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 22:36
 Analyst: KEG
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09
 Client ID: X54-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 01:27
 Analyst: JW
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.359	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.411	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.424	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.613	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.29	0.639	1	A
trans-Chlordane	ND		ug/kg	2.29	0.606	1	A
Chlordane	ND		ug/kg	14.9	6.08	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09

Date Collected: 06/21/18 09:00

Client ID: X54-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-09
Client ID: X54-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 05:30
Analyst: KEG
Percent Solids: 83%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/26/18 22:49
 Analyst: KEG
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-11
Client ID: X57-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 01:40
Analyst: JW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/25/18 05:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.5	5.91	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-11**Date Collected:** 06/21/18 12:25**Client ID:** X57-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	43		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-11
Client ID: X57-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 05:50
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	38		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 23:02
Analyst: KEG
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12
 Client ID: 57-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 01:52
 Analyst: JW
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.346	1	A
Lindane	ND		ug/kg	0.736	0.329	1	A
Alpha-BHC	ND		ug/kg	0.736	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.883	0.396	1	A
Aldrin	ND		ug/kg	1.76	0.622	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.993	1	A
Endrin	ND		ug/kg	0.736	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	27.2		ug/kg	1.76	0.408	1	A
4,4'-DDD	21.0		ug/kg	1.76	0.630	1	A
4,4'-DDT	75.8		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.736	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.27	1	A
cis-Chlordane	6.64	P	ug/kg	2.21	0.615	1	A
trans-Chlordane	ND		ug/kg	2.21	0.582	1	A
Chlordane	ND		ug/kg	14.3	5.85	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12

Date Collected: 06/21/18 11:50

Client ID: 57-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	94		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 06:10
Analyst: KEG
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	58		30-150	A
DCAA	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 23:15
Analyst: KEG
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 00:25
Analyst: JW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/25/18 05:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	5.82		ug/kg	1.85	0.428	1	B
4,4'-DDD	20.8		ug/kg	1.85	0.659	1	B
4,4'-DDT	6.20		ug/kg	3.47	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.12	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15

Date Collected: 06/21/18 11:00

Client ID: X56-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 06:29
Analyst: KEG
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	67		30-150	A
DCAA	63		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 23:27
Analyst: KEG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 02:05
 Analyst: JW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.321	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.861	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	429	E	ug/kg	1.72	0.398	1	A
4,4'-DDD	310	E	ug/kg	1.72	0.614	1	A
4,4'-DDT	606	E	ug/kg	3.23	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.04	1	A
cis-Chlordane	30.7	P	ug/kg	2.15	0.600	1	A
trans-Chlordane	27.6	P	ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.0	5.70	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17

Date Collected: 06/21/18 10:40

Client ID: 56-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	115		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 06:49
Analyst: KEG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	48		30-150	A
DCAA	38		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17 D
 Client ID: 56-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 15:04
 Analyst: TQ
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	370		ug/kg	8.61	1.99	5	B
4,4'-DDD	306		ug/kg	8.61	3.07	5	B
4,4'-DDT	567		ug/kg	16.1	6.92	5	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 23:40
Analyst: KEG
Percent Solids: 92%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 02:17
Analyst: JW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/25/18 05:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	123		ug/kg	1.69	0.391	1	A
4,4'-DDD	18.5		ug/kg	1.69	0.604	1	B
4,4'-DDT	257	E	ug/kg	3.17	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	8.57		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.558	1	A
Chlordane	ND		ug/kg	13.8	5.61	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19

Date Collected: 06/21/18 13:10

Client ID: 58-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 07:09
Analyst: KEG
Percent Solids: 92%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	41		30-150	A
DCAA	36		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19 D
 Client ID: 58-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 15:17
 Analyst: TQ
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	198		ug/kg	15.9	6.80	5	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/26/18 23:53
Analyst: KEG
Percent Solids: 87%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	131		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	121		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 02:42
Analyst: JW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/18 05:00
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.673	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.625	1	A
Heptachlor epoxide	ND		ug/kg	3.33	0.998	1	A
Endrin	ND		ug/kg	0.740	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.78	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	62.1		ug/kg	1.78	0.410	1	B
4,4'-DDD	25.7		ug/kg	1.78	0.633	1	B
4,4'-DDT	1140	E	ug/kg	3.33	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.419	1	A
Endosulfan II	ND		ug/kg	1.78	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.4	5.88	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21

Date Collected: 06/21/18 13:20

Client ID: X48/X58-WC (9-14)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	146		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	185	Q	30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 07:48
Analyst: KEG
Percent Solids: 87%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	37		30-150	A
DCAA	36		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21 D
 Client ID: X48/X58-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 15:42
 Analyst: TQ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	967		ug/kg	33.3	14.3	10	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-23
Client ID: X47-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/27/18 00:06
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23
 Client ID: X47-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 00:37
 Analyst: JW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	3.01		ug/kg	1.84	0.424	1	A
4,4'-DDD	3.08		ug/kg	1.84	0.655	1	A
4,4'-DDT	8.79		ug/kg	3.44	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.30	0.640	1	A
trans-Chlordane	ND		ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	14.9	6.08	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23

Date Collected: 06/21/18 15:25

Client ID: X47-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	64		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-23
Client ID: X47-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 08:08
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 00:19
 Analyst: KEG
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25
 Client ID: 47-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
 Date Received: 06/21/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/27/18 02:55
 Analyst: JW
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	34.9		ug/kg	1.74	0.403	1	A
4,4'-DDD	14.1		ug/kg	1.74	0.621	1	A
4,4'-DDT	90.5		ug/kg	3.27	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.345	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.14	1	A
cis-Chlordane	22.9	P	ug/kg	2.18	0.607	1	A
trans-Chlordane	ND		ug/kg	2.18	0.575	1	A
Chlordane	ND		ug/kg	14.2	5.77	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25

Date Collected: 06/21/18 15:20

Client ID: 47-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	100		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-25
Client ID: 47-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/28/18 08:27
Analyst: KEG
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/22/18 23:00
Methylation Date: 06/26/18 07:41

Extraction Method: EPA 8151A
Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	48		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 06/26/18 21:07
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/22/18 23:00

Extraction Method: EPA 3510C
 Extraction Date: 06/24/18 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129233-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/26/18 13:11
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129286-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.634	0.283	A
Alpha-BHC	ND		ug/kg	0.634	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.577	A
Heptachlor	ND		ug/kg	0.760	0.341	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.856	A
Endrin	ND		ug/kg	0.634	0.260	A
Endrin aldehyde	ND		ug/kg	1.90	0.665	A
Endrin ketone	ND		ug/kg	1.52	0.392	A
Dieldrin	ND		ug/kg	0.950	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.352	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.634	0.302	A
Methoxychlor	ND		ug/kg	2.85	0.887	A
Toxaphene	ND		ug/kg	28.5	7.98	A
cis-Chlordane	ND		ug/kg	1.90	0.530	A
trans-Chlordane	ND		ug/kg	1.90	0.502	A
Chlordane	ND		ug/kg	12.4	5.04	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/26/18 13:11
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 06/25/18 05:00
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/25/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129286-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	114		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/28/18 02:53
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/22/18 23:00
 Methylation Date: 06/26/18 07:40

Extraction Method: EPA 8151A
 Extraction Date: 06/25/18 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129562-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	43		30-150	A
DCAA	37		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129233-2 WG1129233-3									
Lindane	50		60		30-150	18		20	A
Heptachlor	45		54		30-150	19		20	A
Heptachlor epoxide	47		56		30-150	18		20	A
Endrin	48		59		30-150	20		20	A
Methoxychlor	42		54		30-150	23	Q	20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		47		30-150	A
Decachlorobiphenyl	34		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		43		30-150	B
Decachlorobiphenyl	34		40		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129286-2 WG1129286-3									
Delta-BHC	110		99		30-150	11		30	A
Lindane	106		97		30-150	9		30	A
Alpha-BHC	107		98		30-150	9		30	A
Beta-BHC	97		91		30-150	6		30	A
Heptachlor	91		81		30-150	12		30	A
Aldrin	103		91		30-150	12		30	A
Heptachlor epoxide	101		88		30-150	14		30	A
Endrin	109		98		30-150	11		30	A
Endrin aldehyde	102		86		30-150	17		30	A
Endrin ketone	120		106		30-150	12		30	A
Dieldrin	113		101		30-150	11		30	A
4,4'-DDE	107		95		30-150	12		30	A
4,4'-DDD	110		98		30-150	12		30	A
4,4'-DDT	115		102		30-150	12		30	A
Endosulfan I	105		94		30-150	11		30	A
Endosulfan II	112		99		30-150	12		30	A
Endosulfan sulfate	108		97		30-150	11		30	A
Methoxychlor	104		94		30-150	10		30	A
cis-Chlordane	94		86		30-150	9		30	A
trans-Chlordane	105		96		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129286-2 WG1129286-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		71		30-150	B
Decachlorobiphenyl	113		100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		77		30-150	A
Decachlorobiphenyl	131		108		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129562-2 WG1129562-3									
2,4-D	116		157	Q	30-150	30	Q	25	A
2,4,5-TP (Silvex)	34		39		30-150	14		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	46		45		30-150	A
DCAA	36		42		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01

Date Collected: 06/21/18 09:30

Client ID: 55-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Barium, TCLP	0.310	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Copper, TCLP	0.037	J	mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Lead, TCLP	0.106	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:26	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC
Zinc, TCLP	1.49		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:08	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-01

Date Collected: 06/21/18 09:30

Client ID: 55-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6440		mg/kg	8.79	2.37	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Antimony, Total	0.650	J	mg/kg	4.39	0.334	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Arsenic, Total	7.53		mg/kg	0.879	0.183	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Barium, Total	113		mg/kg	0.879	0.153	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Beryllium, Total	0.299	J	mg/kg	0.439	0.029	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Cadmium, Total	0.264	J	mg/kg	0.879	0.086	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Calcium, Total	9220		mg/kg	8.79	3.08	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Chromium, Total	18.3		mg/kg	0.879	0.084	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Cobalt, Total	5.48		mg/kg	1.76	0.146	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Copper, Total	48.5		mg/kg	0.879	0.227	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Iron, Total	12900		mg/kg	4.39	0.794	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Lead, Total	227		mg/kg	4.39	0.236	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Magnesium, Total	2200		mg/kg	8.79	1.35	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Manganese, Total	228		mg/kg	0.879	0.140	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Mercury, Total	0.386		mg/kg	0.071	0.015	1	06/26/18 08:00	06/26/18 20:20	EPA 7471B	1,7471B	EA
Nickel, Total	18.8		mg/kg	2.20	0.213	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Potassium, Total	685		mg/kg	220	12.6	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Selenium, Total	0.360	J	mg/kg	1.76	0.227	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.879	0.249	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Sodium, Total	131	J	mg/kg	176	2.77	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.76	0.277	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Vanadium, Total	23.0		mg/kg	0.879	0.178	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
Zinc, Total	278		mg/kg	4.39	0.258	2	06/25/18 21:05	06/27/18 01:13	EPA 3050B	1,6010C	LC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.90	0.90	1		06/27/18 01:13	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03

Date Collected: 06/21/18 08:50

Client ID: 54-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Barium, TCLP	0.631		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:41	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC
Zinc, TCLP	0.046	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:12	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-03

Date Collected: 06/21/18 08:50

Client ID: 54-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8220		mg/kg	8.96	2.42	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.48	0.340	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Arsenic, Total	4.93		mg/kg	0.896	0.186	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Barium, Total	59.6		mg/kg	0.896	0.156	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Beryllium, Total	0.331	J	mg/kg	0.448	0.030	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.896	0.088	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Calcium, Total	8750		mg/kg	8.96	3.13	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Chromium, Total	12.2		mg/kg	0.896	0.086	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Cobalt, Total	6.57		mg/kg	1.79	0.149	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Copper, Total	33.6		mg/kg	0.896	0.231	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Iron, Total	13500		mg/kg	4.48	0.809	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Lead, Total	62.8		mg/kg	4.48	0.240	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Magnesium, Total	3180		mg/kg	8.96	1.38	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Manganese, Total	252		mg/kg	0.896	0.142	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Mercury, Total	0.183		mg/kg	0.074	0.016	1	06/26/18 08:00	06/26/18 20:31	EPA 7471B	1,7471B	EA
Nickel, Total	15.8		mg/kg	2.24	0.217	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Potassium, Total	560		mg/kg	224	12.9	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.896	0.253	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Sodium, Total	95.4	J	mg/kg	179	2.82	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Vanadium, Total	26.8		mg/kg	0.896	0.182	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC
Zinc, Total	78.2		mg/kg	4.48	0.262	2	06/25/18 21:05	06/27/18 01:17	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	12		mg/kg	0.94	0.94	1		06/27/18 01:17	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05

Date Collected: 06/21/18 09:40

Client ID: X55-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Barium, TCLP	0.467	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Lead, TCLP	0.149	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:46	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC
Zinc, TCLP	0.214	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:17	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-05

Date Collected: 06/21/18 09:40

Client ID: X55-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6950		mg/kg	9.18	2.48	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.59	0.349	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Arsenic, Total	4.10		mg/kg	0.918	0.191	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Barium, Total	49.9		mg/kg	0.918	0.160	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Beryllium, Total	0.285	J	mg/kg	0.459	0.030	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.918	0.090	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Calcium, Total	3900		mg/kg	9.18	3.21	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Chromium, Total	18.3		mg/kg	0.918	0.088	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Cobalt, Total	6.44		mg/kg	1.84	0.152	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Copper, Total	21.3		mg/kg	0.918	0.237	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Iron, Total	19100		mg/kg	4.59	0.829	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Lead, Total	65.0		mg/kg	4.59	0.246	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Magnesium, Total	2680		mg/kg	9.18	1.41	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Manganese, Total	230		mg/kg	0.918	0.146	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Mercury, Total	0.080		mg/kg	0.077	0.016	1	06/26/18 08:00	06/26/18 20:33	EPA 7471B	1,7471B	EA
Nickel, Total	27.2		mg/kg	2.30	0.222	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Potassium, Total	723		mg/kg	230	13.2	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.918	0.260	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Sodium, Total	95.6	J	mg/kg	184	2.89	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.84	0.289	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Vanadium, Total	27.1		mg/kg	0.918	0.186	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
Zinc, Total	78.3		mg/kg	4.59	0.269	2	06/25/18 21:05	06/27/18 01:21	EPA 3050B	1,6010C	LC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.98	0.98	1		06/27/18 01:21	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07

Date Collected: 06/21/18 14:00

Client ID: 48-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Barium, TCLP	0.354	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Copper, TCLP	0.028	J	mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Lead, TCLP	0.116	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:48	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC
Zinc, TCLP	0.261	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:30	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-07

Date Collected: 06/21/18 14:00

Client ID: 48-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6880		mg/kg	10.1	2.73	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Antimony, Total	0.899	J	mg/kg	5.05	0.384	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Arsenic, Total	5.06		mg/kg	1.01	0.210	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Barium, Total	97.1		mg/kg	1.01	0.176	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Beryllium, Total	0.303	J	mg/kg	0.505	0.033	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	1.01	0.099	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Calcium, Total	3090		mg/kg	10.1	3.53	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Chromium, Total	15.8		mg/kg	1.01	0.097	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Cobalt, Total	7.06		mg/kg	2.02	0.168	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Copper, Total	39.1		mg/kg	1.01	0.260	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Iron, Total	15400		mg/kg	5.05	0.912	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Lead, Total	129		mg/kg	5.05	0.271	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Magnesium, Total	2080		mg/kg	10.1	1.56	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Manganese, Total	270		mg/kg	1.01	0.160	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Mercury, Total	0.375		mg/kg	0.081	0.017	1	06/26/18 08:00	06/26/18 20:35	EPA 7471B	1,7471B	EA
Nickel, Total	17.4		mg/kg	2.52	0.244	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Potassium, Total	825		mg/kg	252	14.5	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	2.02	0.260	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	1.01	0.286	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Sodium, Total	83.3	J	mg/kg	202	3.18	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	2.02	0.318	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Vanadium, Total	22.8		mg/kg	1.01	0.205	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC
Zinc, Total	164		mg/kg	5.05	0.296	2	06/25/18 21:05	06/27/18 01:25	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	1.0	1.0	1		06/27/18 01:25	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09

Date Collected: 06/21/18 09:00

Client ID: X54-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Barium, TCLP	0.493	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Lead, TCLP	0.628		mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:50	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC
Zinc, TCLP	0.237	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:34	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-09

Date Collected: 06/21/18 09:00

Client ID: X54-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5540		mg/kg	9.55	2.58	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Antimony, Total	0.793	J	mg/kg	4.78	0.363	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Arsenic, Total	4.25		mg/kg	0.955	0.199	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Barium, Total	34.6		mg/kg	0.955	0.166	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Beryllium, Total	0.277	J	mg/kg	0.478	0.032	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.955	0.094	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Calcium, Total	1410		mg/kg	9.55	3.34	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Chromium, Total	12.7		mg/kg	0.955	0.092	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Cobalt, Total	5.22		mg/kg	1.91	0.159	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Copper, Total	17.6		mg/kg	0.955	0.246	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Iron, Total	11800		mg/kg	4.78	0.863	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Lead, Total	87.0		mg/kg	4.78	0.256	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Magnesium, Total	2130		mg/kg	9.55	1.47	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Manganese, Total	167		mg/kg	0.955	0.152	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Mercury, Total	0.047	J	mg/kg	0.076	0.016	1	06/26/18 08:00	06/26/18 20:36	EPA 7471B	1,7471B	EA
Nickel, Total	22.0		mg/kg	2.39	0.231	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Potassium, Total	435		mg/kg	239	13.8	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.91	0.246	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.955	0.270	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Sodium, Total	55.2	J	mg/kg	191	3.01	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.91	0.301	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Vanadium, Total	19.9		mg/kg	0.955	0.194	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
Zinc, Total	50.8		mg/kg	4.78	0.280	2	06/25/18 21:05	06/27/18 01:30	EPA 3050B	1,6010C	LC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.97	0.97	1		06/27/18 01:30	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11

Date Collected: 06/21/18 12:25

Client ID: X57-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Barium, TCLP	0.470	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Lead, TCLP	0.057	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:52	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC
Zinc, TCLP	0.108	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:38	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-11

Date Collected: 06/21/18 12:25

Client ID: X57-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8960		mg/kg	9.31	2.51	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.66	0.354	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Arsenic, Total	3.06		mg/kg	0.931	0.194	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Barium, Total	46.2		mg/kg	0.931	0.162	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Beryllium, Total	0.298	J	mg/kg	0.466	0.031	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.931	0.091	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Calcium, Total	2540		mg/kg	9.31	3.26	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Chromium, Total	17.2		mg/kg	0.931	0.089	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Cobalt, Total	5.16		mg/kg	1.86	0.154	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Copper, Total	11.3		mg/kg	0.931	0.240	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Iron, Total	11400		mg/kg	4.66	0.841	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Lead, Total	31.8		mg/kg	4.66	0.250	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Magnesium, Total	2250		mg/kg	9.31	1.43	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Manganese, Total	126		mg/kg	0.931	0.148	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Mercury, Total	0.127		mg/kg	0.074	0.016	1	06/26/18 08:00	06/26/18 20:38	EPA 7471B	1,7471B	EA
Nickel, Total	20.0		mg/kg	2.33	0.225	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Potassium, Total	475		mg/kg	233	13.4	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.931	0.264	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Sodium, Total	68.4	J	mg/kg	186	2.93	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.86	0.293	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Vanadium, Total	22.2		mg/kg	0.931	0.189	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC
Zinc, Total	39.1		mg/kg	4.66	0.273	2	06/25/18 21:05	06/27/18 01:47	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	17		mg/kg	0.94	0.94	1		06/27/18 01:47	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12

Date Collected: 06/21/18 11:50

Client ID: 57-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Barium, TCLP	0.305	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:54	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC
Zinc, TCLP	0.624		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:43	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-12

Date Collected: 06/21/18 11:50

Client ID: 57-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5370		mg/kg	8.56	2.31	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Antimony, Total	0.702	J	mg/kg	4.28	0.325	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Arsenic, Total	4.80		mg/kg	0.856	0.178	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Barium, Total	111		mg/kg	0.856	0.149	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Beryllium, Total	0.231	J	mg/kg	0.428	0.028	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Cadmium, Total	0.154	J	mg/kg	0.856	0.084	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Calcium, Total	19300		mg/kg	8.56	3.00	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Chromium, Total	13.9		mg/kg	0.856	0.082	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Cobalt, Total	4.60		mg/kg	1.71	0.142	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Copper, Total	34.7		mg/kg	0.856	0.221	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Iron, Total	10600		mg/kg	4.28	0.773	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Lead, Total	166		mg/kg	4.28	0.230	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Magnesium, Total	3740		mg/kg	8.56	1.32	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Manganese, Total	439		mg/kg	0.856	0.136	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Mercury, Total	0.230		mg/kg	0.070	0.015	1	06/26/18 08:00	06/26/18 20:40	EPA 7471B	1,7471B	EA
Nickel, Total	17.6		mg/kg	2.14	0.207	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Potassium, Total	566		mg/kg	214	12.3	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.856	0.242	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Sodium, Total	223		mg/kg	171	2.70	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.71	0.270	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Vanadium, Total	17.7		mg/kg	0.856	0.174	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC
Zinc, Total	149		mg/kg	4.28	0.251	2	06/25/18 21:05	06/27/18 01:51	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.89	0.89	1		06/27/18 01:51	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15

Date Collected: 06/21/18 11:00

Client ID: X56-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Barium, TCLP	0.482	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Copper, TCLP	0.743		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Lead, TCLP	0.131	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:56	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC
Zinc, TCLP	0.272	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:47	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-15

Date Collected: 06/21/18 11:00

Client ID: X56-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6120		mg/kg	9.76	2.63	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.88	0.371	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Arsenic, Total	2.20		mg/kg	0.976	0.203	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Barium, Total	20.9		mg/kg	0.976	0.170	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Beryllium, Total	0.273	J	mg/kg	0.488	0.032	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.976	0.096	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Calcium, Total	665		mg/kg	9.76	3.41	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Chromium, Total	17.7		mg/kg	0.976	0.094	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Cobalt, Total	5.35		mg/kg	1.95	0.162	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Copper, Total	11.1		mg/kg	0.976	0.252	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Iron, Total	11800		mg/kg	4.88	0.881	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Lead, Total	8.95		mg/kg	4.88	0.261	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Magnesium, Total	3110		mg/kg	9.76	1.50	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Manganese, Total	227		mg/kg	0.976	0.155	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Mercury, Total	0.020	J	mg/kg	0.078	0.017	1	06/26/18 08:00	06/26/18 20:42	EPA 7471B	1,7471B	EA
Nickel, Total	27.6		mg/kg	2.44	0.236	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Potassium, Total	412		mg/kg	244	14.0	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.95	0.252	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.976	0.276	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Sodium, Total	55.3	J	mg/kg	195	3.07	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.95	0.307	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Vanadium, Total	21.3		mg/kg	0.976	0.198	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC
Zinc, Total	25.6		mg/kg	4.88	0.286	2	06/25/18 21:05	06/27/18 01:55	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	18		mg/kg	0.98	0.98	1		06/27/18 01:55	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17

Date Collected: 06/21/18 10:40

Client ID: 56-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Barium, TCLP	0.221	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Cadmium, TCLP	0.058	J	mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Chromium, TCLP	0.025	J	mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Copper, TCLP	0.063	J	mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Lead, TCLP	0.152	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:57	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.050	J	mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC
Zinc, TCLP	0.601		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:52	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-17

Date Collected: 06/21/18 10:40

Client ID: 56-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5880		mg/kg	8.71	2.35	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Antimony, Total	0.723	J	mg/kg	4.36	0.331	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Arsenic, Total	6.14		mg/kg	0.871	0.181	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Barium, Total	259		mg/kg	0.871	0.152	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Beryllium, Total	0.261	J	mg/kg	0.436	0.029	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.871	0.085	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Calcium, Total	18800		mg/kg	8.71	3.05	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Chromium, Total	16.9		mg/kg	0.871	0.084	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Cobalt, Total	6.52		mg/kg	1.74	0.144	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Copper, Total	85.8		mg/kg	0.871	0.225	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Iron, Total	16200		mg/kg	4.36	0.786	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Lead, Total	281		mg/kg	4.36	0.233	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Magnesium, Total	2200		mg/kg	8.71	1.34	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Manganese, Total	280		mg/kg	0.871	0.138	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Mercury, Total	0.395		mg/kg	0.072	0.015	1	06/26/18 08:00	06/26/18 20:48	EPA 7471B	1,7471B	EA
Nickel, Total	36.5		mg/kg	2.18	0.211	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Potassium, Total	750		mg/kg	218	12.5	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Selenium, Total	0.418	J	mg/kg	1.74	0.225	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.871	0.246	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Sodium, Total	170	J	mg/kg	174	2.74	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Vanadium, Total	23.0		mg/kg	0.871	0.177	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC
Zinc, Total	346		mg/kg	4.36	0.255	2	06/25/18 21:05	06/27/18 01:59	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	17		mg/kg	0.90	0.90	1		06/27/18 01:59	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19

Date Collected: 06/21/18 13:10

Client ID: 58-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Barium, TCLP	0.299	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Cadmium, TCLP	0.017	J	mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Copper, TCLP	0.022	J	mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Lead, TCLP	0.160	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:59	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC
Zinc, TCLP	0.947		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 03:56	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-19

Date Collected: 06/21/18 13:10

Client ID: 58-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5180		mg/kg	8.32	2.25	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.16	0.316	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Arsenic, Total	4.63		mg/kg	0.832	0.173	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Barium, Total	114		mg/kg	0.832	0.145	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Beryllium, Total	0.250	J	mg/kg	0.416	0.027	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Cadmium, Total	0.150	J	mg/kg	0.832	0.082	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Calcium, Total	6570		mg/kg	8.32	2.91	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Chromium, Total	13.5		mg/kg	0.832	0.080	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Cobalt, Total	5.29		mg/kg	1.66	0.138	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Copper, Total	33.7		mg/kg	0.832	0.215	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Iron, Total	15500		mg/kg	4.16	0.751	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Lead, Total	206		mg/kg	4.16	0.223	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Magnesium, Total	1980		mg/kg	8.32	1.28	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Manganese, Total	278		mg/kg	0.832	0.132	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Mercury, Total	0.215		mg/kg	0.068	0.014	1	06/26/18 08:00	06/26/18 20:49	EPA 7471B	1,7471B	EA
Nickel, Total	21.0		mg/kg	2.08	0.201	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Potassium, Total	613		mg/kg	208	12.0	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Selenium, Total	0.233	J	mg/kg	1.66	0.215	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.832	0.235	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Sodium, Total	267		mg/kg	166	2.62	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Vanadium, Total	21.4		mg/kg	0.832	0.169	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC
Zinc, Total	209		mg/kg	4.16	0.244	2	06/25/18 21:05	06/27/18 02:03	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.87	0.87	1		06/27/18 02:03	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21

Date Collected: 06/21/18 13:20

Client ID: X48/X58-WC (9-14)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Barium, TCLP	0.742		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Copper, TCLP	0.387		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Lead, TCLP	0.167	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 17:01	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.030	J	mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC
Zinc, TCLP	3.41		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:01	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-21

Date Collected: 06/21/18 13:20

Client ID: X48/X58-WC (9-14)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5380		mg/kg	8.80	2.38	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Antimony, Total	0.678	J	mg/kg	4.40	0.334	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Arsenic, Total	7.14		mg/kg	0.880	0.183	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Barium, Total	135		mg/kg	0.880	0.153	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Beryllium, Total	0.246	J	mg/kg	0.440	0.029	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.880	0.086	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Calcium, Total	4800		mg/kg	8.80	3.08	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Chromium, Total	17.8		mg/kg	0.880	0.085	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Cobalt, Total	5.38		mg/kg	1.76	0.146	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Copper, Total	237		mg/kg	0.880	0.227	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Iron, Total	32300		mg/kg	4.40	0.795	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Lead, Total	220		mg/kg	4.40	0.236	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Magnesium, Total	2020		mg/kg	8.80	1.36	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Manganese, Total	274		mg/kg	0.880	0.140	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Mercury, Total	0.109		mg/kg	0.072	0.015	1	06/26/18 08:00	06/26/18 20:51	EPA 7471B	1,7471B	EA
Nickel, Total	23.1		mg/kg	2.20	0.213	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Potassium, Total	404		mg/kg	220	12.7	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.880	0.249	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Sodium, Total	253		mg/kg	176	2.77	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.76	0.277	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Vanadium, Total	19.4		mg/kg	0.880	0.179	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC
Zinc, Total	253		mg/kg	4.40	0.258	2	06/25/18 21:05	06/27/18 02:07	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	18		mg/kg	0.92	0.92	1		06/27/18 02:07	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23

Date Collected: 06/21/18 15:25

Client ID: X47-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Barium, TCLP	0.359	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Lead, TCLP	0.061	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 17:03	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.028	J	mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC
Zinc, TCLP	0.147	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:05	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-23

Date Collected: 06/21/18 15:25

Client ID: X47-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5520		mg/kg	8.83	2.38	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.41	0.335	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Arsenic, Total	2.36		mg/kg	0.883	0.184	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Barium, Total	16.2		mg/kg	0.883	0.154	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Beryllium, Total	0.221	J	mg/kg	0.441	0.029	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.883	0.087	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Calcium, Total	706		mg/kg	8.83	3.09	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Chromium, Total	12.9		mg/kg	0.883	0.085	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Cobalt, Total	4.54		mg/kg	1.76	0.146	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Copper, Total	8.71		mg/kg	0.883	0.228	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Iron, Total	9320		mg/kg	4.41	0.797	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Lead, Total	10.2		mg/kg	4.41	0.237	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Magnesium, Total	1560		mg/kg	8.83	1.36	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Manganese, Total	87.6		mg/kg	0.883	0.140	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Mercury, Total	0.030	J	mg/kg	0.074	0.016	1	06/26/18 08:00	06/26/18 20:53	EPA 7471B	1,7471B	EA
Nickel, Total	18.9		mg/kg	2.21	0.214	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Potassium, Total	334		mg/kg	221	12.7	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.76	0.228	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.883	0.250	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Sodium, Total	54.9	J	mg/kg	176	2.78	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.76	0.278	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Vanadium, Total	19.2		mg/kg	0.883	0.179	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC
Zinc, Total	40.3		mg/kg	4.41	0.259	2	06/25/18 21:05	06/27/18 02:11	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	13		mg/kg	0.94	0.94	1		06/27/18 02:11	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25

Date Collected: 06/21/18 15:20

Client ID: 47-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/18 23:00

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Barium, TCLP	0.386	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Copper, TCLP	0.022	J	mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Lead, TCLP	0.152	J	mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 17:09	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC
Zinc, TCLP	0.297	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 04:09	EPA 3015	1,6010C	LC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS**

Lab ID: L1823622-25

Date Collected: 06/21/18 15:20

Client ID: 47-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6150		mg/kg	8.52	2.30	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Antimony, Total	0.520	J	mg/kg	4.26	0.324	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Arsenic, Total	4.48		mg/kg	0.852	0.177	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Barium, Total	128		mg/kg	0.852	0.148	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Beryllium, Total	0.290	J	mg/kg	0.426	0.028	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.852	0.084	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Calcium, Total	11100		mg/kg	8.52	2.98	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Chromium, Total	14.5		mg/kg	0.852	0.082	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Cobalt, Total	5.73		mg/kg	1.70	0.142	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Copper, Total	33.8		mg/kg	0.852	0.220	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Iron, Total	11300		mg/kg	4.26	0.770	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Lead, Total	157		mg/kg	4.26	0.228	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Magnesium, Total	2360		mg/kg	8.52	1.31	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Manganese, Total	258		mg/kg	0.852	0.136	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Mercury, Total	0.297		mg/kg	0.069	0.015	1	06/26/18 08:00	06/26/18 20:55	EPA 7471B	1,7471B	EA
Nickel, Total	27.0		mg/kg	2.13	0.206	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Potassium, Total	578		mg/kg	213	12.3	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Selenium, Total	0.366	J	mg/kg	1.70	0.220	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.852	0.241	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Sodium, Total	328		mg/kg	170	2.68	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Vanadium, Total	18.3		mg/kg	0.852	0.173	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC
Zinc, Total	160		mg/kg	4.26	0.250	2	06/25/18 21:05	06/27/18 02:16	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.88	0.88	1		06/27/18 02:16	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129554-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Iron, Total	3.63		mg/kg	2.00	0.361	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/25/18 21:05	06/26/18 21:30	1,6010C	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129653-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/26/18 08:00	06/26/18 20:16	1,7471B	EA



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129779-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/26/18 11:25	06/26/18 16:19	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/22/18 23:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129947-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC
Zinc, TCLP	0.024	J	mg/l	0.500	0.021	1	06/26/18 16:24	06/27/18 01:34	1,6010C	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/22/18 23:00



Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129554-2 SRM Lot Number: D098-540								
Aluminum, Total	60		-		47-153	-		
Antimony, Total	152		-		6-194	-		
Arsenic, Total	101		-		83-117	-		
Barium, Total	86		-		82-118	-		
Beryllium, Total	93		-		83-117	-		
Cadmium, Total	95		-		82-117	-		
Calcium, Total	83		-		81-118	-		
Chromium, Total	90		-		83-119	-		
Cobalt, Total	99		-		84-116	-		
Copper, Total	93		-		84-116	-		
Iron, Total	80		-		60-140	-		
Lead, Total	95		-		82-117	-		
Magnesium, Total	78		-		76-124	-		
Manganese, Total	85		-		82-118	-		
Nickel, Total	97		-		82-117	-		
Potassium, Total	76		-		69-131	-		
Selenium, Total	101		-		78-121	-		
Silver, Total	95		-		80-120	-		
Sodium, Total	82		-		74-126	-		
Thallium, Total	98		-		80-119	-		
Vanadium, Total	88		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129554-2 SRM Lot Number: D098-540					
Zinc, Total	94	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129653-2 SRM Lot Number: D098-540					
Mercury, Total	123	-	50-149	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129779-2					
Mercury, TCLP	99	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129947-2					
Arsenic, TCLP	103	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	98	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Copper, TCLP	94	-	75-125	-	20
Lead, TCLP	95	-	75-125	-	20
Nickel, TCLP	89	-	75-125	-	20
Selenium, TCLP	103	-	75-125	-	20
Silver, TCLP	96	-	75-125	-	20
Zinc, TCLP	98	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823622

Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129554-3 QC Sample: L1823616-25 Client ID: MS Sample												
Aluminum, Total	3410	184	5000	862	Q	-	-		75-125	-		20
Antimony, Total	ND	46.1	43.0	93		-	-		75-125	-		20
Arsenic, Total	1.42	11.1	12.5	100		-	-		75-125	-		20
Barium, Total	25.0	184	195	92		-	-		75-125	-		20
Beryllium, Total	0.184J	4.61	4.64	101		-	-		75-125	-		20
Cadmium, Total	ND	4.7	4.10	87		-	-		75-125	-		20
Calcium, Total	435.	922	1480	113		-	-		75-125	-		20
Chromium, Total	8.75	18.4	30.1	116		-	-		75-125	-		20
Cobalt, Total	3.74	46.1	46.5	93		-	-		75-125	-		20
Copper, Total	8.18	23	32.3	105		-	-		75-125	-		20
Iron, Total	7630	92.2	8840	1310	Q	-	-		75-125	-		20
Lead, Total	3.29J	47	46.6	99		-	-		75-125	-		20
Magnesium, Total	1480	922	4320	308	Q	-	-		75-125	-		20
Manganese, Total	305.	46.1	276	0	Q	-	-		75-125	-		20
Nickel, Total	21.6	46.1	78.5	123		-	-		75-125	-		20
Potassium, Total	287.	922	1790	163	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	10.4	94		-	-		75-125	-		20
Silver, Total	ND	27.7	27.2	98		-	-		75-125	-		20
Sodium, Total	29.0J	922	947	103		-	-		75-125	-		20
Thallium, Total	ND	11.1	9.50	86		-	-		75-125	-		20
Vanadium, Total	13.3	46.1	60.7	103		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129554-3 QC Sample: L1823616-25 Client ID: MS Sample									
Zinc, Total	14.7	46.1	60.4	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129653-3 QC Sample: L1823622-01 Client ID: 55-WC (0-9)									
Mercury, Total	0.386	0.141	1.06	479	Q	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129779-3 QC Sample: L1823622-01 Client ID: 55-WC (0-9)									
Mercury, TCLP	ND	0.025	0.0245	98	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129947-3 QC Sample: L1823514-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Barium, TCLP	0.453J	20	18.8	94	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.497	97	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.89	94	-	-	75-125	-	20
Copper, TCLP	0.041J	2.5	2.34	94	-	-	75-125	-	20
Lead, TCLP	ND	5.1	4.79	94	-	-	75-125	-	20
Nickel, TCLP	ND	5	4.43	89	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.21	101	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.477	95	-	-	75-125	-	20
Zinc, TCLP	0.091J	5	4.97	99	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129554-4 QC Sample: L1823616-25 Client ID: DUP Sample						
Aluminum, Total	3410	3060	mg/kg	11		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.42	1.47	mg/kg	3		20
Barium, Total	25.0	24.0	mg/kg	4		20
Beryllium, Total	0.184J	0.147J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	435.	417	mg/kg	4		20
Chromium, Total	8.75	8.22	mg/kg	6		20
Cobalt, Total	3.74	3.47	mg/kg	7		20
Copper, Total	8.18	7.13	mg/kg	14		20
Iron, Total	7630	6760	mg/kg	12		20
Lead, Total	3.29J	3.30J	mg/kg	NC		20
Magnesium, Total	1480	1640	mg/kg	10		20
Manganese, Total	305.	238	mg/kg	25	Q	20
Nickel, Total	21.6	21.2	mg/kg	2		20
Potassium, Total	287.	367	mg/kg	24	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	29.0J	29.0J	mg/kg	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129554-4 QC Sample: L1823616-25 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	13.3	15.2	mg/kg	13	20
Zinc, Total	14.7	14.2	mg/kg	3	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129653-4 QC Sample: L1823622-01 Client ID: 55-WC (0-9)					
Mercury, Total	0.386	0.834	mg/kg	73	Q 20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129779-4 QC Sample: L1823622-01 Client ID: 55-WC (0-9)					
Mercury, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1129947-4 QC Sample: L1823514-01 Client ID: DUP Sample					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.453J	0.434J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Nickel, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-03
Client ID: 54-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-09
Client ID: X54-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-11
Client ID: X57-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-23
Client ID: X47-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-25
Client ID: 47-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-01
Client ID: 55-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:30
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.27		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	6.9		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/24/18 19:10	06/25/18 16:25	1,9010C/9012B	JO
pH (H)	7.9		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	527		mg/kg	224	224.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.898	0.180	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:12	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:03	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-02**Client ID:** 55-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 09:35**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-03
Client ID: 54-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 08:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.35		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	3.0		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/24/18 19:10	06/25/18 16:28	1,9010C/9012B	JO
pH (H)	8.0		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	1800		mg/kg	235	235.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.940	0.188	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:12	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:03	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-04**Client ID:** 54-WC (8-9)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 08:55**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.6		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-05
Client ID: X55-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.08		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	2.6		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/24/18 19:10	06/25/18 16:31	1,9010C/9012B	JO
pH (H)	8.3		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	8050		mg/kg	245	245.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.979	0.196	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:12	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:03	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-06**Client ID:** X55-WC (12-13)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 09:45**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-07
Client ID: 48-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 14:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.04		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	3.9		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/24/18 19:10	06/25/18 16:32	1,9010C/9012B	JO
pH (H)	8.5		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	1110		mg/kg	258	258.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	1.03	0.206	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:13	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:04	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-08**Client ID:** 48-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 14:05**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-09
Client ID: X54-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 09:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.04		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	5.1		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/24/18 19:10	06/25/18 16:34	1,9010C/9012B	JO
pH (H)	7.7		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	4700		mg/kg	242	242.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.966	0.193	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:13	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:04	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-10**Client ID:** X54-WC (12-13)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 09:05**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-11
Client ID: X57-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 12:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.10		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	5.7		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/24/18 19:10	06/25/18 16:35	1,9010C/9012B	JO
pH (H)	7.8		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	20100		mg/kg	236	236.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:14	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-12
Client ID: 57-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:50
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.51		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	4.2		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/24/18 19:10	06/25/18 16:36	1,9010C/9012B	JO
pH (H)	10.9		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	755		mg/kg	222	222.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.888	0.178	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:14	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-13**Client ID:** 57-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 11:55**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-14**Client ID:** X57-WC (15-16)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 12:20**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-15
Client ID: X56-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 11:00
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.01		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	2.9		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/24/18 19:10	06/25/18 16:37	1,9010C/9012B	JO
pH (H)	7.9		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	13900		mg/kg	244	244.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.978	0.196	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:14	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-16**Client ID:** X56-WC (12-13)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 11:05**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-17
Client ID: 56-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 10:40
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.08		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	4.0		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/24/18 19:10	06/25/18 16:38	1,9010C/9012B	JO
pH (H)	10.6		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	764		mg/kg	225	225.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.899	0.180	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:14	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-18**Client ID:** 56-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 10:45**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-19
Client ID: 58-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:10
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.40		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI
Solids, Total Volatile	6.6		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/24/18 19:10	06/25/18 16:41	1,9010C/9012B	JO
pH (H)	9.6		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	1290		mg/kg	218	218.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.870	0.174	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:15	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-20**Client ID:** 58-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 13:15**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	06/22/18 13:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-21
Client ID: X48/X58-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 13:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.05		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI
Solids, Total Volatile	3.2		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	0.27	J	mg/kg	1.1	0.23	1	06/24/18 19:10	06/25/18 16:42	1,9010C/9012B	JO
pH (H)	7.6		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	18300		mg/kg	229	229.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:15	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:05	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-22**Client ID:** X58-WC (10-11)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 13:25**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-23
Client ID: X47-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:25
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.07		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI
Solids, Total Volatile	2.4		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/24/18 19:10	06/25/18 16:43	1,9010C/9012B	JO
pH (H)	8.1		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	15800		mg/kg	235	235.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.940	0.188	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:15	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:06	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-24**Client ID:** X47-WC (12-13)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 15:22**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-25
Client ID: 47-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/21/18 15:20
Date Received: 06/21/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.65		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI
Solids, Total Volatile	4.3		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/24/18 19:10	06/25/18 16:44	1,9010C/9012B	JO
pH (H)	8.8		SU	-	NA	1	-	06/22/18 18:42	1,9045D	AS
Oil & Grease, Hem-Grav	725		mg/kg	220	220.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.879	0.176	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:15	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:06	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-26**Client ID:** 47-WC (4-5)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/21/18 15:17**Date Received:** 06/21/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/22/18 14:09	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-27**Date Collected:** 06/21/18 09:30**Client ID:** ASTM LEACHATE OF 55-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	190		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.043	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:27	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:09	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-28**Date Collected:** 06/21/18 08:50**Client ID:** ASTM LEACHATE OF 54-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	110		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.036	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:28	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:10	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-29

Date Collected: 06/21/18 09:40

Client ID: ASTM LEACHATE OF X55-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	110		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.032	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:28	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:10	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-30**Date Collected:** 06/21/18 14:00**Client ID:** ASTM LEACHATE OF 48-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	170		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:29	121,4500NH3-BH	AT
Chemical Oxygen Demand	7.7	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:10	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-31**Date Collected:** 06/21/18 09:00**Client ID:** ASTM LEACHATE OF X54-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:30	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:10	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-32**Date Collected:** 06/21/18 12:25**Client ID:** ASTM LEACHATE OF X57-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	130		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.098		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:31	121,4500NH3-BH	AT
Chemical Oxygen Demand	19.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:11	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-33**Date Collected:** 06/21/18 11:50**Client ID:** ASTM LEACHATE OF 57-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	270		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:32	121,4500NH3-BH	AT
Chemical Oxygen Demand	14.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:11	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-34

Date Collected: 06/21/18 11:00

Client ID: ASTM LEACHATE OF X56-WC (9-19)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	110		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.042	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:33	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:12	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-35

Date Collected: 06/21/18 10:40

Client ID: ASTM LEACHATE OF 56-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	470		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.038	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:37	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:13	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

SAMPLE RESULTS

Lab ID: L1823622-36

Date Collected: 06/21/18 13:10

Client ID: ASTM LEACHATE OF 58-WC (0-9)

Date Received: 06/21/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	260		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:38	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:13	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-37**Date Collected:** 06/21/18 13:20**Client ID:** ASTM LEACHATE OF X48/X58-WC (9-14)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	160		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.043	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:39	121,4500NH3-BH	AT
Chemical Oxygen Demand	17.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:14	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-38**Date Collected:** 06/21/18 15:25**Client ID:** ASTM LEACHATE OF X47-WC (9-19)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	130		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.058	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:40	121,4500NH3-BH	AT
Chemical Oxygen Demand	19.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:14	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823622**Project Number:** 2861.0001Y000**Report Date:** 06/28/18**SAMPLE RESULTS****Lab ID:** L1823622-39**Date Collected:** 06/21/18 15:20**Client ID:** ASTM LEACHATE OF 47-WC (0-9)**Date Received:** 06/21/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	240		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
Nitrogen, Ammonia	0.044	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:41	121,4500NH3-BH	AT
Chemical Oxygen Demand	14.	J	mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:15	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1129024-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/23/18 06:00	06/23/18 11:00	1,9071B	KZ
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17 Batch: WG1129249-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	06/24/18 19:10	06/25/18 15:57	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 19,21,23,25 Batch: WG1129250-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	06/24/18 19:10	06/25/18 15:56	1,9010C/9012B	JO
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1129304-1										
pH, Extraction Post-Filtration	4.94		SU	-	NA	1	-	06/23/18 15:00	1,1311	JW
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19 Batch: WG1129355-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
General Chemistry - Westborough Lab for sample(s): 21,23,25 Batch: WG1129356-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/25/18 13:00	121,2540G	SD
General Chemistry - Westborough Lab for sample(s): 27-34 Batch: WG1129369-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
General Chemistry - Westborough Lab for sample(s): 35-39 Batch: WG1129372-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/25/18 15:00	121,2540B	SD
General Chemistry - Westborough Lab for sample(s): 27-39 Batch: WG1129380-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/25/18 09:45	06/25/18 13:07	121,5220D	SD
General Chemistry - Westborough Lab for sample(s): 27-39 Batch: WG1129422-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 23:12	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 27-39 Batch: WG1129571-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/25/18 19:30	06/25/18 20:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19 Batch: WG1129604-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 21,23,25 Batch: WG1129607-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/25/18 21:30	06/26/18 14:50	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 12,15,17,19,21,23,25 Batch: WG1129997-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1130086-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:10	125,7.3	CW
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1130088-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 00:30	06/27/18 02:02	125,7.3	CW

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823622**Report Date:** 06/28/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1128915-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1129024-2								
Oil & Grease, Hem-Grav	98		-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17 Batch: WG1129249-2 WG1129249-3								
Cyanide, Total	42	Q	93		80-120	74	Q	35
General Chemistry - Westborough Lab Associated sample(s): 19,21,23,25 Batch: WG1129250-2 WG1129250-3								
Cyanide, Total	42	Q	94		80-120	75	Q	35
General Chemistry - Westborough Lab Associated sample(s): 27-34 Batch: WG1129369-2								
Solids, Total	96		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 35-39 Batch: WG1129372-2								
Solids, Total	96		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 27-39 Batch: WG1129380-2								
Chemical Oxygen Demand	95		-		90-110	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 27-39 Batch: WG1129422-2					
Nitrogen, Ammonia	96	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 27-39 Batch: WG1129571-2					
Oil & Grease, Hem-Grav	90	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19 Batch: WG1129604-2					
Chromium, Hexavalent	76	Q	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 21,23,25 Batch: WG1129607-2					
Chromium, Hexavalent	76	Q	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 12,15,17,19,21,23,25 Batch: WG1129997-2					
Oil & Grease, Hem-Grav	96	-	64-132	-	34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1130086-2					
Cyanide, Reactive	64	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 Batch: WG1130088-2					
Sulfide, Reactive	64	-	60-125	-	40

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1129024-4 QC Sample: L1823622-05 Client ID: X55-WC (9-19)												
Oil & Grease, Hem-Grav	8050	4900	11200	64		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17 QC Batch ID: WG1129249-4 WG1129249-5 QC Sample: L1823622-03 Client ID: 54-WC (0-9)												
Cyanide, Total	ND	12	12	100		11	96		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 19,21,23,25 QC Batch ID: WG1129250-4 WG1129250-5 QC Sample: L1823633-03 Client ID: MS Sample												
Cyanide, Total	0.24J	10	9.5	90		10	94		75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129380-3 QC Sample: L1823622-27 Client ID: ASTM LEACHATE OF 55-WC (0-9)												
Chemical Oxygen Demand	12.J	238	250	105		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129422-4 QC Sample: L1822369-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.053J	4	3.17	79	Q	-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129571-4 QC Sample: L1822825-01 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	44.4	42	95		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19 QC Batch ID: WG1129604-4 QC Sample: L1823622-11 Client ID: X57-WC (9-19)												
Chromium, Hexavalent	ND	1020	971	96		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 21,23,25 QC Batch ID: WG1129607-4 QC Sample: L1823616-35 Client ID: MS Sample												
Chromium, Hexavalent	ND	1140	1110	98		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823622

Project Number: 2861.0001Y000

Report Date: 06/28/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 12,15,17,19,21,23,25 QC Batch ID: WG1129997-4 QC Sample: L1823622-21 Client ID: X48/X58-WC (9-14)									
Oil & Grease, Hem-Grav	18300	4580	22000	81	-	-	64-132	-	34

Lab Duplicate Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1128849-1 QC Sample: L1823622-01 Client ID: 55-WC (0-9)						
Solids, Total	89.1	87.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-26 QC Batch ID: WG1128850-1 QC Sample: L1823492-01 Client ID: DUP Sample						
Solids, Total	82.5	82.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1128915-2 QC Sample: L1823622-01 Client ID: 55-WC (0-9)						
pH (H)	7.9	8.1	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1129024-3 QC Sample: L1823622-05 Client ID: X55-WC (9-19)						
Oil & Grease, Hem-Grav	8050	6320	mg/kg	24		34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19 QC Batch ID: WG1129355-2 QC Sample: L1823622-01 Client ID: 55-WC (0-9)						
Solids, Total Volatile	6.9	9.0	%	26	Q	11
General Chemistry - Westborough Lab Associated sample(s): 21,23,25 QC Batch ID: WG1129356-2 QC Sample: L1823622-21 Client ID: X48/X58-WC (9-14)						
Solids, Total Volatile	3.2	3.9	%	20	Q	11
General Chemistry - Westborough Lab Associated sample(s): 27-34 QC Batch ID: WG1129369-3 QC Sample: L1823299-04 Client ID: DUP Sample						
Solids, Total	30000	28000	mg/l	7		16
General Chemistry - Westborough Lab Associated sample(s): 35-39 QC Batch ID: WG1129372-3 QC Sample: L1823429-01 Client ID: DUP Sample						
Solids, Total	1200	1200	mg/l	0		16

Lab Duplicate Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
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Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129380-4 QC Sample: L1823622-27 Client ID: ASTM LEACHATE OF 55-WC (0-9)					
Chemical Oxygen Demand	12.J	ND	mg/l	NC	12
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129422-3 QC Sample: L1822369-01 Client ID: DUP Sample					
Nitrogen, Ammonia	0.053J	0.054J	mg/l	NC	20
General Chemistry - Westborough Lab Associated sample(s): 27-39 QC Batch ID: WG1129571-3 QC Sample: L1822342-01 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19 QC Batch ID: WG1129604-6 QC Sample: L1823622-11 Client ID: X57-WC (9-19)					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 21,23,25 QC Batch ID: WG1129607-6 QC Sample: L1823616-35 Client ID: DUP Sample					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 12,15,17,19,21,23,25 QC Batch ID: WG1129997-3 QC Sample: L1823622-21 Client ID: X48/X58-WC (9-14)					
Oil & Grease, Hem-Grav	18300	18300	mg/kg	0	34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1130086-3 QC Sample: L1823612-02 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11-12,15,17,19,21,23,25 QC Batch ID: WG1130088-3 QC Sample: L1823612-02 Client ID: DUP Sample					
Sulfide, Reactive	ND	ND	mg/kg	NC	40

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent
D	Absent
F	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823622-01A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-01B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-01C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-01D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-01S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-01T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-01V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-01W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-01X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-01X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-02A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-02B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823622-02C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-02D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-02E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-02S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-02T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-02X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-02Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-02Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-03A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-03B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-03C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-03D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-03S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-03T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-03V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-03W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-03X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-03X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-04A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-04B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823622-04C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-04D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-04E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-04S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-04T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-04X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-04Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-04Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-05A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-05B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-05C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-05D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-05S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-05T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-05V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-05W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-05X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-05X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-06A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-06B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823622-06C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-06D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-06E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-06S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-06T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-06X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-06Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-06Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-07A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-07B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-07C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-07D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-07S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-07T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-07V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-07W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-07X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-07X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-08A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-08B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823622-08C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-08D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-08E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-08S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-08T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-08X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-08Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-08Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-09A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-09B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-09C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-09D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-09S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-09T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-09V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-09W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-09X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-09X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-10A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-10B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)

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L1823622-10C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-10D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-10E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-10S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-10T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-10X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-10Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-10Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1823622-11A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-11B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-11C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-11D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-11S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-11T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-11V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-11W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-11X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-11X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-12A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-12B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-12C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-12D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-12S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-12T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-12V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-12W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-12X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-12X9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-13A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-13B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-13C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-13D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-13E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-13S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-13T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-13X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-13Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-13Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)

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L1823622-14A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-14B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-14C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-14D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-14E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-14S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-14T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-14X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-14Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-14Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-15A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-15B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-15C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-15D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-15S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-15T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-15V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-15W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-15X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-15X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-16A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-16B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-16C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-16D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-16E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-16S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-16T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-16X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-16Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-16Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-17A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-17B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-17C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-17D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-17S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-17T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-17V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-17W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-17X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-17X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-18A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-18B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-18C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-18D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-18E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-18S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-18T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-18X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-18Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-18Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-19A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-19B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-19C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-19D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-19S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-19T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-19V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-19W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-19X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-19X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-20A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-20B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-20C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-20D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-20E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-20S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-20T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-20X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-20Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-20Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-21A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-21B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-21C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-21D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-21S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-21T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		ARCHIVE()
L1823622-21V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-21W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-21X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-21X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-22A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-22B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-22C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-22D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-22E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-22S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-22T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-22X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-22Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-22Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-23A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823622-23B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		-
L1823622-23C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-23D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-23S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		-
L1823622-23T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		-
L1823622-23V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-23W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-23X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-23X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-24A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-24B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-24C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-24D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-24E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-24S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-24T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-24X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-24Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-24Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-25A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823622-25B	Glass 120ml/4oz unpreserved	F	NA		3.6	Y	Absent		-
L1823622-25C	Glass 250ml/8oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-25D	Glass 500ml/16oz unpreserved	F	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823622-25S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		-
L1823622-25T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		-
L1823622-25V9	Tumble Vessel	F	NA		3.6	Y	Absent		-
L1823622-25W	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823622-25X	Plastic 120ml HNO3 preserved Extracts	F	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823622-25X9	Tumble Vessel	F	NA		3.6	Y	Absent		-

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L1823622-26A	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-26B	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-26C	5 gram Encore Sampler	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-26D	Plastic 2oz unpreserved for TS	F	NA		3.6	Y	Absent		TS(7)
L1823622-26E	Vial Large Septa unpreserved (4oz)	F	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L1823622-26S	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-26T	Vial unpreserved Extracts	F	NA		3.6	Y	Absent		TCLP-VOA(14)
L1823622-26X	Vial MeOH preserved split	F	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L1823622-26Y	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-26Z	Vial Water preserved split	F	NA		3.6	Y	Absent	22-JUN-18 13:46	NYTCL-8260HLW(14)
L1823622-27A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-27A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-27B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-27C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-27D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-27E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-28A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-28A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-28B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-28C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-28D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-28E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-29A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-29A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-29B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)

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L1823622-29C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-29D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-29E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-30A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-30A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-30B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-30C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-30D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-30E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-31A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-31A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-31B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-31C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-31D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-31E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-32A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-32A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-32B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-32C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-32D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-32E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-33A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-33A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-33B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)

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L1823622-33C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-33D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-33E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-34A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-34A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-34B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-34C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-34D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-34E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-35A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-35A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-35B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-35C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-35D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-35E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-36A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-36A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-36B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-36C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-36D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-36E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-37A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-37A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-37B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)

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L1823622-37C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-37D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-37E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-38A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-38A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-38B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-38C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-38D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-38E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)
L1823622-39A	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-39A1	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-39B	Amber 1000ml unpreserved Extracts	F	NA		3.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823622-39C	Plastic 500ml H2SO4 preserved split	F	NA		3.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1823622-39D	Amber 1000ml HCl preserved split	F	NA		3.6	Y	Absent		OG-1664(28)
L1823622-39E	Plastic 250ml unpreserved split	F	NA		3.6	Y	Absent		TSC-2540(7)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823622
Report Date: 06/28/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 11

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 300:** DW: Bromide**EPA 6860:** SCM: Perchlorate**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,****SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.****EPA 624:** Volatile Halocarbons & Aromatics,**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 3		Date Rec'd in Lab 6/22/18		ALPHA Job # 41803622																																																																																																																																																																																																	
		Project Information Project Name: Former Kristal Auto Mall Project Location: 5200 Kings Highway, Brooklyn, NY 10021 Project #: 2861.0001Y000 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #																																																																																																																																																																																																			
Client Information Client: Roux Env. Eng. & Geology, DPC Address: 209 Shafter St Islandia, New York 11749 Phone: (631)232-2600 Fax: (631)232-9898 Email: wshen@rouxinc.com		Project Manager: Roux: Wendy Shen / Alpha: Karyn Raymond ALPHAQuote #: Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☒ NJ ☒ NY ☐ Other:																																																																																																																																																																																																			
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">NJTPH-C44/NJEPH</th> <th rowspan="2">TCL VOCs + 10 / 8260C / TCLP VOCs</th> <th rowspan="2">SVOC 8270D</th> <th rowspan="2">Pest 8081B / PCB 8082A</th> <th rowspan="2">TAL Metals 6010C/7471B/ HexChrom/TriChrom</th> <th rowspan="2">Total Solids/ Total Cyanide</th> <th rowspan="2">Haz Waste Char</th> <th rowspan="2">Form U / TCLP Complete Analysis</th> <th rowspan="2">Sample Specific Comments</th> <th rowspan="2"></th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>23622-01-07</td> <td>55-WC (0-9)</td> <td>06/21/18</td> <td>0930</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-02</td> <td>55-WC (1-2)</td> <td>06/21/18</td> <td>0935</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-03, 28</td> <td>54-WC (0-9)</td> <td>4/21/18</td> <td>0850</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-04</td> <td>54-WC (8-9)</td> <td>4/21/18</td> <td>0855</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-05, 29</td> <td>55-WC (9-19)</td> <td>4/21/18</td> <td>0940</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-06</td> <td>55-WC (12-13)</td> <td>4/21/18</td> <td>0945</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-07, 30</td> <td>48-WC (0-9)</td> <td>4/21/18</td> <td>1400</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-08</td> <td>48-WC (1-2)</td> <td>4/21/18</td> <td>1405</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-09, 31</td> <td>54-WC (9-19)</td> <td>4/21/18</td> <td>0900</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-10</td> <td>54-WC (12-13)</td> <td>4/21/18</td> <td>0905</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-11, 32</td> <td>57-WC (9-19)</td> <td>4/21/18</td> <td>1225</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NJTPH-C44/NJEPH	TCL VOCs + 10 / 8260C / TCLP VOCs	SVOC 8270D	Pest 8081B / PCB 8082A	TAL Metals 6010C/7471B/ HexChrom/TriChrom	Total Solids/ Total Cyanide	Haz Waste Char	Form U / TCLP Complete Analysis	Sample Specific Comments		Date	Time	23622-01-07	55-WC (0-9)	06/21/18	0930	SOIL	RRH	X		X	X	X	X	X	X		4	-02	55-WC (1-2)	06/21/18	0935	SOIL	RRH		X								5	-03, 28	54-WC (0-9)	4/21/18	0850	SOIL	RRH	X		X	X	X	X	X	X		4	-04	54-WC (8-9)	4/21/18	0855	SOIL	RRH		X								5	-05, 29	55-WC (9-19)	4/21/18	0940	SOIL	RRH	X		X	X	X	X	X	X		4	-06	55-WC (12-13)	4/21/18	0945	SOIL	RRH		X								5	-07, 30	48-WC (0-9)	4/21/18	1400	SOIL	RRH	X		X	X	X	X	X	X		4	-08	48-WC (1-2)	4/21/18	1405	SOIL	RRH		X								5	-09, 31	54-WC (9-19)	4/21/18	0900	SOIL	RRH	X		X	X	X	X	X	X		4	-10	54-WC (12-13)	4/21/18	0905	SOIL	RRH		X								5	-11, 32	57-WC (9-19)	4/21/18	1225	SOIL	RRH	X		X	X	X	X	X	X		4	Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: A E/A A A A A A A Preservative: A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Relinquished By: <i>Rachael Jackson</i> Date/Time: <i>6/21/18 1548</i>		Received By: <i>Rachael Jackson</i> Date/Time: <i>6/21/18 1548</i>		Date/Time: <i>6/22/18 0335</i>																																																																																																																																																																																																	

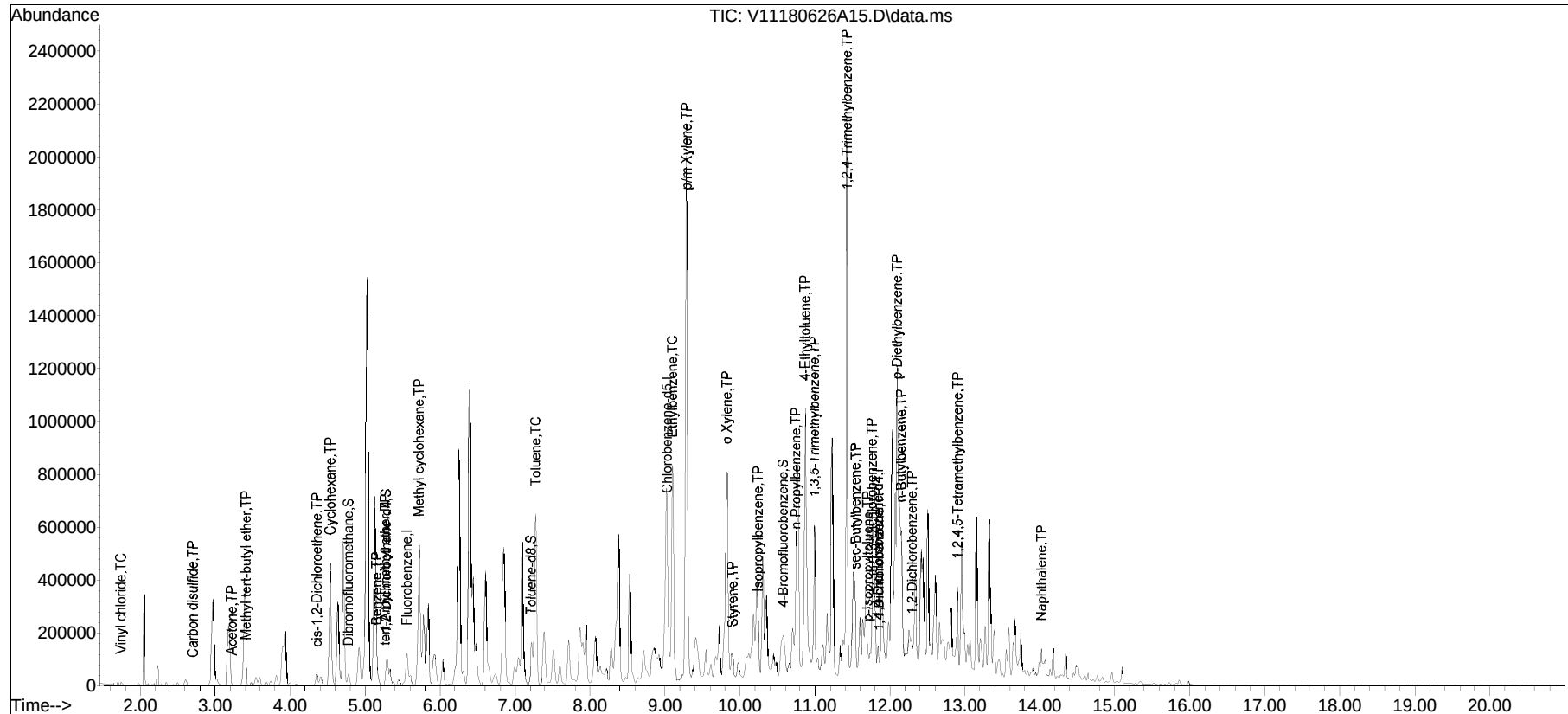
 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 36 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 2 of 3		Date Rec'd in Lab 6/22/18		ALPHA Job # 1189362																																																																																																																																																																																																	
Client Information Client: Roux Env. Eng. & Geology, DPC Address: 209 Shafter St Islandia, New York 11749 Phone: (631)232-2600 Fax: (631)232-9898 Email: wshen@rouxinc.com		Project Information Project Name: Former Kristal Auto Mall Project Location: 5200 Kings Highway, Brooklyn, NY 10021 Project #: 2861.0001Y000 (Use Project name as Project #) ☐		Deliverables: ☐ ASP-A ☐ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information: ☒ Same as Client Info PO #																																																																																																																																																																																																			
Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities: Disposal Facility: ☒ NJ ☒ NY ☐ Other:																																																																																																																																																																																																					
These samples have been previously analyzed by Alpha ☐		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)																																																																																																																																																																																																					
Other project specific requirements/comments: Please cc all sample results to rhenke@rouxinc.com.		Please specify Metals or TAL.		Sample Specific Comments																																																																																																																																																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">NJTPH-C44/NJEPH</th> <th rowspan="2">TCL VOCs + 10 8260C / TCLP VOCs</th> <th rowspan="2">SVOC 8270D</th> <th rowspan="2">Pest 8081B / PCB 8062A</th> <th rowspan="2">TAL Metals 6010C/7471B/ HexChrom/TrChrom</th> <th rowspan="2">Total Solids/ Total Cyanide</th> <th rowspan="2">Haz Waste Char</th> <th rowspan="2">Form U / TCLP Complete Analysis</th> <th rowspan="2">Sample Specific Comments</th> <th rowspan="2">Bottle</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>23622-12-33</td> <td>57-WC (0-9)</td> <td>06/21/18</td> <td>11:50</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-13</td> <td>57-WC (1-2)</td> <td>06/21/18</td> <td>11:55</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-14</td> <td>X57-WC (15-16)</td> <td>6/21/18</td> <td>12:20</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>75-34</td> <td>X56-WC (9-19)</td> <td>6/21/18</td> <td>11:00</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-16</td> <td>X56-WC (12-13)</td> <td>6/21/18</td> <td>11:05</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-17,35</td> <td>56-WC (0-9)</td> <td>6/21/18</td> <td>10:40</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-18</td> <td>56-WC (1-2)</td> <td>6/21/18</td> <td>10:45</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-19,36</td> <td>48-WC (0-9)</td> <td>6/21/18</td> <td>13:10</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-20</td> <td>48-WC (1-2)</td> <td>6/21/18</td> <td>13:15</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> <tr> <td>-21</td> <td>X48/X58-WC (9-14)</td> <td>6/21/18</td> <td>13:20</td> <td>SOIL</td> <td>RRH</td> <td>X</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>4</td> </tr> <tr> <td>-22</td> <td>X58-WC (10-11)</td> <td>6/21/18</td> <td>13:25</td> <td>SOIL</td> <td>RRH</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NJTPH-C44/NJEPH	TCL VOCs + 10 8260C / TCLP VOCs	SVOC 8270D	Pest 8081B / PCB 8062A	TAL Metals 6010C/7471B/ HexChrom/TrChrom	Total Solids/ Total Cyanide	Haz Waste Char	Form U / TCLP Complete Analysis	Sample Specific Comments	Bottle	Date	Time	23622-12-33	57-WC (0-9)	06/21/18	11:50	SOIL	RRH	X		X	X	X	X	X	X		4	-13	57-WC (1-2)	06/21/18	11:55	SOIL	RRH		X								5	-14	X57-WC (15-16)	6/21/18	12:20	SOIL	RRH		X								5	75-34	X56-WC (9-19)	6/21/18	11:00	SOIL	RRH	X		X	X	X	X	X	X		4	-16	X56-WC (12-13)	6/21/18	11:05	SOIL	RRH		X								5	-17,35	56-WC (0-9)	6/21/18	10:40	SOIL	RRH	X		X	X	X	X	X	X		4	-18	56-WC (1-2)	6/21/18	10:45	SOIL	RRH		X								5	-19,36	48-WC (0-9)	6/21/18	13:10	SOIL	RRH	X		X	X	X	X	X	X		4	-20	48-WC (1-2)	6/21/18	13:15	SOIL	RRH		X								5	-21	X48/X58-WC (9-14)	6/21/18	13:20	SOIL	RRH	X		X	X	X	X	X	X		4	-22	X58-WC (10-11)	6/21/18	13:25	SOIL	RRH		X								5	Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: A E/A A A A A A A Preservative: A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .	
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection														Sample Matrix	Sampler's Initials	NJTPH-C44/NJEPH	TCL VOCs + 10 8260C / TCLP VOCs	SVOC 8270D	Pest 8081B / PCB 8062A	TAL Metals 6010C/7471B/ HexChrom/TrChrom	Total Solids/ Total Cyanide	Haz Waste Char	Form U / TCLP Complete Analysis	Sample Specific Comments	Bottle																																																																																																																																																																												
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Relinquished By: <i>Rene K Jackson</i> Date/Time: <i>6/21/18 1548</i> <i>56/22 0700</i>		Received By: <i>Rene K Jackson</i> Date/Time: <i>6/21/18 1548</i> <i>56/21 2700</i> <i>6/22/18 0335</i>																																																																																																																																																																																																							

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA111\2018\180626A\
 Data File : V11180626A15.D
 Acq On : 26 Jun 2018 01:19 pm
 Operator : VOA111:JC
 Sample : l1823622-06,31,5.3,5,,z
 Misc : WG1129816,ICAL14808
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 26 14:43:15 2018
 Quant Method : I:\VOLATILES\VOA111\2018\180626A\V111_180620N_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Jun 21 08:07:44 2018
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox6A\V11180626A01.D•





ANALYTICAL REPORT

Lab Number:	L1823851
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	07/02/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1823851-01	46-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:00	06/22/18
L1823851-02	46-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 08:55	06/22/18
L1823851-03	X46-WC (11-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:05	06/22/18
L1823851-04	X46-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:10	06/22/18
L1823851-05	45-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:50	06/22/18
L1823851-06	45-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:55	06/22/18
L1823851-07	X45-WC (13-14)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 10:00	06/22/18
L1823851-08	X45-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 10:05	06/22/18
L1823851-09	44-WC (3-4)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:35	06/22/18
L1823851-10	44-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:40	06/22/18
L1823851-11	X44-WC (12-13)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:45	06/22/18
L1823851-12	X44-WC (9-18)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:50	06/22/18
L1823851-13	ASTM LEACHATE 46-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:00	06/22/18
L1823851-14	ASTM LEACHATE X46-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:10	06/22/18
L1823851-15	ASTM LEACHATE 45-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 09:55	06/22/18
L1823851-16	ASTM LEACHATE X45-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 10:05	06/22/18
L1823851-17	ASTM LEACHATE 44-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:40	06/22/18
L1823851-18	ASTM LEACHATE X44-WC (9-19)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/22/18 11:50	06/22/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
	18)		10021		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Case Narrative (continued)

Report Submission

The requested analyses were confirmed with the client.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

TCLP Volatiles

L1823851-04: The ambient temperature of the area in which the TCLP/SPLP extraction of the samples and associated Method Blank was performed was outside the required 21-25 degrees C temperature range.

Semivolatile Organics

L1823851-04: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

L1823851-04 and WG1130566-4: The surrogate recoveries are below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1130566 and WG1131344 MS/MSDs were not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

NJ EPH (Total)

L1823851-04: The surrogate recoveries are below the acceptance criteria for chloro-octadecane (0%) and o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1131340 MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Case Narrative (continued)

PCBs

L1823851-04: The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (12%) and decachlorobiphenyl (14%) due to interference with the Internal Standard.

L1823851-04, -08, and -12: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

L1823851-08: The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (28%) and decachlorobiphenyl (19%) due to interference with the Internal Standard.

Pesticides

L1823851-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1823851-08: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L1823851-01, -04, -06, -08, -10 and 12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Oil & Grease, Hem-Grav

L1823851-13 through -18: The samples were received above the appropriate pH for the Oil & Grease. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1129448-2 LCS recovery (65%), associated with L1823851-01, -04, -06, -08, -10, and -12, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Case Narrative (continued)

Solids, Total Volatile

The WG1129678-2 Laboratory Duplicate RPD for (56%), performed on L1823851-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Hexavalent Chromium

The WG1130057-2 LCS recovery (79%), associated with L1823851-01, -04, -06, -08, -10, and -12, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 07/02/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-02
 Client ID: 46-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 08:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 10:54
 Analyst: MKS
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	105		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-02
 Client ID: 46-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 08:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:53
 Analyst: NLK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	0.79		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-02**Date Collected:** 06/22/18 08:55**Client ID:** 46-WC (0-1)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-02**Date Collected:** 06/22/18 08:55**Client ID:** 46-WC (0-1)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	28	7.2	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Acrolein	ND		ug/kg	35	7.8	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	140	49.	1
Freon-113	ND		ug/kg	5.6	0.97	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1
Methyl cyclohexane	ND		ug/kg	5.6	0.84	1

Tentatively Identified Compounds

Total TIC Compounds	3.15	J	ug/kg	1
Unknown Siloxane	3.15	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-03
 Client ID: X46-WC (11-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 23:12
 Analyst: NLK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	56	8.2	1
Chloroform	ND		ug/kg	85	7.9	1
Carbon tetrachloride	ND		ug/kg	56	13.	1
1,2-Dichloropropane	ND		ug/kg	56	7.1	1
Dibromochloromethane	ND		ug/kg	56	7.9	1
1,1,2-Trichloroethane	ND		ug/kg	56	15.	1
Tetrachloroethene	84		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.2	1
Trichlorofluoromethane	ND		ug/kg	230	39.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.4	1
Bromodichloromethane	ND		ug/kg	28	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	56	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.9	1
1,3-Dichloropropene, Total	ND		ug/kg	28	8.9	1
1,1-Dichloropropene	ND		ug/kg	28	9.0	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.4	1
Benzene	280		ug/kg	28	9.4	1
Toluene	10000		ug/kg	56	31.	1
Ethylbenzene	3400		ug/kg	56	8.0	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	50	J	ug/kg	56	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	38	J	ug/kg	56	13.	1
trans-1,2-Dichloroethene	18	J	ug/kg	85	7.8	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-03
 Client ID: X46-WC (11-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	28	7.8	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.1	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.4	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.7	1
Methyl tert butyl ether	620		ug/kg	110	11.	1
p/m-Xylene	13000		ug/kg	110	32.	1
o-Xylene	5700		ug/kg	56	16.	1
Xylenes, Total	19000		ug/kg	56	16.	1
cis-1,2-Dichloroethene	12000		ug/kg	56	9.9	1
1,2-Dichloroethene, Total	12000	J	ug/kg	56	7.8	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	80		ug/kg	56	11.	1
Dichlorodifluoromethane	ND		ug/kg	560	52.	1
Acetone	ND		ug/kg	560	270	1
Carbon disulfide	ND		ug/kg	560	260	1
2-Butanone	ND		ug/kg	560	120	1
Vinyl acetate	ND		ug/kg	560	120	1
4-Methyl-2-pentanone	1000		ug/kg	560	72.	1
1,2,3-Trichloropropane	ND		ug/kg	110	7.2	1
2-Hexanone	ND		ug/kg	560	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	56	16.	1
1,3-Dichloropropane	ND		ug/kg	110	9.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	28	7.5	1
Bromobenzene	ND		ug/kg	110	8.2	1
n-Butylbenzene	860		ug/kg	56	9.4	1
sec-Butylbenzene	ND		ug/kg	56	8.3	1
tert-Butylbenzene	ND		ug/kg	110	6.7	1
o-Chlorotoluene	ND		ug/kg	110	11.	1
p-Chlorotoluene	ND		ug/kg	110	6.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	56.	1
Hexachlorobutadiene	ND		ug/kg	230	9.6	1
Isopropylbenzene	480		ug/kg	56	6.2	1
p-Isopropyltoluene	150		ug/kg	56	6.2	1
Naphthalene	7600		ug/kg	230	37.	1
Acrylonitrile	ND		ug/kg	230	65.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-03**Date Collected:** 06/22/18 09:05**Client ID:** X46-WC (11-12)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1100	290	1
n-Propylbenzene	2000		ug/kg	56	9.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	4200		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	16000		ug/kg	110	19.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Acrolein	ND		ug/kg	1400	320	1
Cyclohexane	590		ug/kg	560	31.	1
1,4-Dioxane	ND		ug/kg	5600	2000	1
Freon-113	ND		ug/kg	230	39.	1
p-Diethylbenzene	6500		ug/kg	110	10.	1
p-Ethyltoluene	10000		ug/kg	110	22.	1
1,2,4,5-Tetramethylbenzene	3000		ug/kg	110	11.	1
Ethyl ether	ND		ug/kg	110	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	280	80.	1
Methyl cyclohexane	760		ug/kg	230	34.	1

Tentatively Identified Compounds

Total TIC Compounds	67800	J	ug/kg			1
Unknown Benzene	8970	J	ug/kg			1
Unknown Benzene	5000	J	ug/kg			1
Unknown Benzene	6950	J	ug/kg			1
Unknown Aromatic	6020	J	ug/kg			1
Unknown Aromatic	9330	J	ug/kg			1
Unknown	10600	J	ug/kg			1
Unknown Benzene	3630	J	ug/kg			1
Unknown	3420	J	ug/kg			1
Unknown	4300	J	ug/kg			1
Unknown	9590	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-03**Date Collected:** 06/22/18 09:05**Client ID:** X46-WC (11-12)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:45
 Analyst: MM
 Percent Solids: 93%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	114		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-05
 Client ID: 45-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 11:20
 Analyst: MKS
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-05
 Client ID: 45-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 22:19
 Analyst: NLK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-05**Date Collected:** 06/22/18 09:50**Client ID:** 45-WC (0-1)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	12	J	ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.94	1
Acrylonitrile	ND		ug/kg	5.8	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-05**Date Collected:** 06/22/18 09:50**Client ID:** 45-WC (0-1)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	9.9	J	ug/kg	29	7.4	1
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
Methyl Acetate	ND		ug/kg	5.8	1.4	1
Acrolein	ND		ug/kg	36	8.1	1
Cyclohexane	ND		ug/kg	14	0.78	1
1,4-Dioxane	ND		ug/kg	140	51.	1
Freon-113	ND		ug/kg	5.8	1.0	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1
Methyl cyclohexane	ND		ug/kg	5.8	0.87	1

Tentatively Identified Compounds

Total TIC Compounds	3.00	J	ug/kg	1
Unknown	3.00	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-07
 Client ID: X45-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 11:46
 Analyst: MKS
 Percent Solids: 94%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	2.8	J	ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	110		70-130
dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-07 D
 Client ID: X45-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 10:41
 Analyst: MV
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5300	2400	20
1,1-Dichloroethane	ND		ug/kg	1000	150	20
Chloroform	ND		ug/kg	1600	150	20
Carbon tetrachloride	ND		ug/kg	1000	240	20
1,2-Dichloropropane	ND		ug/kg	1000	130	20
Dibromochloromethane	ND		ug/kg	1000	150	20
1,1,2-Trichloroethane	ND		ug/kg	1000	280	20
Tetrachloroethene	ND		ug/kg	530	210	20
Chlorobenzene	ND		ug/kg	530	130	20
Trichlorofluoromethane	ND		ug/kg	4200	740	20
1,2-Dichloroethane	ND		ug/kg	1000	270	20
1,1,1-Trichloroethane	ND		ug/kg	530	180	20
Bromodichloromethane	ND		ug/kg	530	120	20
trans-1,3-Dichloropropene	ND		ug/kg	1000	290	20
cis-1,3-Dichloropropene	ND		ug/kg	530	170	20
1,3-Dichloropropene, Total	ND		ug/kg	530	170	20
1,1-Dichloropropene	ND		ug/kg	530	170	20
Bromoform	ND		ug/kg	4200	260	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	530	180	20
Benzene	210	J	ug/kg	530	180	20
Toluene	210000		ug/kg	1000	570	20
Ethylbenzene	7500		ug/kg	1000	150	20
Chloromethane	ND		ug/kg	4200	980	20
Bromomethane	ND		ug/kg	2100	610	20
Vinyl chloride	680	J	ug/kg	1000	350	20
Chloroethane	ND		ug/kg	2100	480	20
1,1-Dichloroethene	ND		ug/kg	1000	250	20
trans-1,2-Dichloroethene	ND		ug/kg	1600	140	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-07 D
 Client ID: X45-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	530	140	20
1,2-Dichlorobenzene	ND		ug/kg	2100	150	20
1,3-Dichlorobenzene	ND		ug/kg	2100	160	20
1,4-Dichlorobenzene	ND		ug/kg	2100	180	20
Methyl tert butyl ether	ND		ug/kg	2100	210	20
p/m-Xylene	28000		ug/kg	2100	590	20
o-Xylene	8800		ug/kg	1000	310	20
Xylenes, Total	37000		ug/kg	1000	310	20
cis-1,2-Dichloroethene	2100		ug/kg	1000	180	20
1,2-Dichloroethene, Total	2100		ug/kg	1000	140	20
Dibromomethane	ND		ug/kg	2100	250	20
Styrene	ND		ug/kg	1000	210	20
Dichlorodifluoromethane	ND		ug/kg	10000	970	20
Acetone	ND		ug/kg	10000	5100	20
Carbon disulfide	ND		ug/kg	10000	4800	20
2-Butanone	ND		ug/kg	10000	2300	20
Vinyl acetate	ND		ug/kg	10000	2300	20
4-Methyl-2-pentanone	ND		ug/kg	10000	1400	20
1,2,3-Trichloropropane	ND		ug/kg	2100	130	20
2-Hexanone	ND		ug/kg	10000	1200	20
Bromochloromethane	ND		ug/kg	2100	220	20
2,2-Dichloropropane	ND		ug/kg	2100	210	20
1,2-Dibromoethane	ND		ug/kg	1000	300	20
1,3-Dichloropropane	ND		ug/kg	2100	180	20
1,1,1,2-Tetrachloroethane	ND		ug/kg	530	140	20
Bromobenzene	ND		ug/kg	2100	150	20
n-Butylbenzene	780	J	ug/kg	1000	180	20
sec-Butylbenzene	250	J	ug/kg	1000	150	20
tert-Butylbenzene	ND		ug/kg	2100	120	20
o-Chlorotoluene	ND		ug/kg	2100	200	20
p-Chlorotoluene	ND		ug/kg	2100	110	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	3200	1000	20
Hexachlorobutadiene	ND		ug/kg	4200	180	20
Isopropylbenzene	480	J	ug/kg	1000	120	20
p-Isopropyltoluene	ND		ug/kg	1000	120	20
Naphthalene	6400		ug/kg	4200	690	20
Acrylonitrile	ND		ug/kg	4200	1200	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-07 D
 Client ID: X45-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21000	5400	20
n-Propylbenzene	1800		ug/kg	1000	180	20
1,2,3-Trichlorobenzene	ND		ug/kg	2100	340	20
1,2,4-Trichlorobenzene	ND		ug/kg	2100	290	20
1,3,5-Trimethylbenzene	3800		ug/kg	2100	200	20
1,2,4-Trimethylbenzene	14000		ug/kg	2100	350	20
Methyl Acetate	ND		ug/kg	4200	1000	20
Acrolein	ND		ug/kg	26000	6000	20
Cyclohexane	680	J	ug/kg	10000	580	20
1,4-Dioxane	ND		ug/kg	100000	37000	20
Freon-113	ND		ug/kg	4200	730	20
p-Diethylbenzene	5400		ug/kg	2100	190	20
p-Ethyltoluene	9500		ug/kg	2100	410	20
1,2,4,5-Tetramethylbenzene	2300		ug/kg	2100	200	20
Ethyl ether	ND		ug/kg	2100	360	20
trans-1,4-Dichloro-2-butene	ND		ug/kg	5300	1500	20
Methyl cyclohexane	1100	J	ug/kg	4200	640	20

Tentatively Identified Compounds

Total TIC Compounds	10100	J	ug/kg	20
Unknown Aromatic	10100	J	ug/kg	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-09
 Client ID: 44-WC (3-4)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:35
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 12:12
 Analyst: MKS
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	108		70-130
dibromofluoromethane	106		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-09
 Client ID: 44-WC (3-4)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:35
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/26/18 22:46
 Analyst: NLK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-09**Date Collected:** 06/22/18 11:35**Client ID:** 44-WC (3-4)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	55		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-09**Date Collected:** 06/22/18 11:35**Client ID:** 44-WC (3-4)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.1	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Acrolein	ND		ug/kg	30	6.7	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	120	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	85		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-11
 Client ID: X44-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:45
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 12:38
 Analyst: MKS
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	8.3		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-11 D
 Client ID: X44-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:45
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/27/18 11:08
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	700	320	2.5
1,1-Dichloroethane	ND		ug/kg	140	20.	2.5
Chloroform	ND		ug/kg	210	20.	2.5
Carbon tetrachloride	ND		ug/kg	140	32.	2.5
1,2-Dichloropropane	ND		ug/kg	140	17.	2.5
Dibromochloromethane	ND		ug/kg	140	20.	2.5
1,1,2-Trichloroethane	ND		ug/kg	140	37.	2.5
Tetrachloroethene	ND		ug/kg	70	27.	2.5
Chlorobenzene	ND		ug/kg	70	18.	2.5
Trichlorofluoromethane	ND		ug/kg	560	97.	2.5
1,2-Dichloroethane	ND		ug/kg	140	36.	2.5
1,1,1-Trichloroethane	ND		ug/kg	70	23.	2.5
Bromodichloromethane	ND		ug/kg	70	15.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	140	38.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	70	22.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	70	22.	2.5
1,1-Dichloropropene	ND		ug/kg	70	22.	2.5
Bromoform	ND		ug/kg	560	34.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	70	23.	2.5
Benzene	320		ug/kg	70	23.	2.5
Toluene	2000		ug/kg	140	76.	2.5
Ethylbenzene	6400		ug/kg	140	20.	2.5
Chloromethane	ND		ug/kg	560	130	2.5
Bromomethane	ND		ug/kg	280	81.	2.5
Vinyl chloride	ND		ug/kg	140	47.	2.5
Chloroethane	ND		ug/kg	280	63.	2.5
1,1-Dichloroethene	ND		ug/kg	140	33.	2.5
trans-1,2-Dichloroethene	ND		ug/kg	210	19.	2.5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-11 D
 Client ID: X44-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:45
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	70	19.	2.5
1,2-Dichlorobenzene	260	J	ug/kg	280	20.	2.5
1,3-Dichlorobenzene	ND		ug/kg	280	21.	2.5
1,4-Dichlorobenzene	110	J	ug/kg	280	24.	2.5
Methyl tert butyl ether	ND		ug/kg	280	28.	2.5
p/m-Xylene	23000		ug/kg	280	78.	2.5
o-Xylene	7900		ug/kg	140	41.	2.5
Xylenes, Total	31000		ug/kg	140	41.	2.5
cis-1,2-Dichloroethene	4000		ug/kg	140	24.	2.5
1,2-Dichloroethene, Total	4000		ug/kg	140	19.	2.5
Dibromomethane	ND		ug/kg	280	33.	2.5
Styrene	110	J	ug/kg	140	27.	2.5
Dichlorodifluoromethane	ND		ug/kg	1400	130	2.5
Acetone	ND		ug/kg	1400	670	2.5
Carbon disulfide	ND		ug/kg	1400	630	2.5
2-Butanone	ND		ug/kg	1400	310	2.5
Vinyl acetate	ND		ug/kg	1400	300	2.5
4-Methyl-2-pentanone	ND		ug/kg	1400	180	2.5
1,2,3-Trichloropropane	ND		ug/kg	280	18.	2.5
2-Hexanone	ND		ug/kg	1400	160	2.5
Bromochloromethane	ND		ug/kg	280	29.	2.5
2,2-Dichloropropane	ND		ug/kg	280	28.	2.5
1,2-Dibromoethane	ND		ug/kg	140	39.	2.5
1,3-Dichloropropane	ND		ug/kg	280	23.	2.5
1,1,1,2-Tetrachloroethane	ND		ug/kg	70	18.	2.5
Bromobenzene	ND		ug/kg	280	20.	2.5
n-Butylbenzene	940		ug/kg	140	23.	2.5
sec-Butylbenzene	330		ug/kg	140	20.	2.5
tert-Butylbenzene	ND		ug/kg	280	16.	2.5
o-Chlorotoluene	ND		ug/kg	280	27.	2.5
p-Chlorotoluene	ND		ug/kg	280	15.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	420	140	2.5
Hexachlorobutadiene	ND		ug/kg	560	24.	2.5
Isopropylbenzene	560		ug/kg	140	15.	2.5
p-Isopropyltoluene	170		ug/kg	140	15.	2.5
Naphthalene	6400		ug/kg	560	91.	2.5
Acrylonitrile	ND		ug/kg	560	160	2.5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-11 D
 Client ID: X44-WC (12-13)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:45
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	2800	720	2.5
n-Propylbenzene	2200		ug/kg	140	24.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	280	45.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	280	38.	2.5
1,3,5-Trimethylbenzene	4600		ug/kg	280	27.	2.5
1,2,4-Trimethylbenzene	17000		ug/kg	280	47.	2.5
Methyl Acetate	ND		ug/kg	560	130	2.5
Acrolein	ND		ug/kg	3500	780	2.5
Cyclohexane	600	J	ug/kg	1400	76.	2.5
1,4-Dioxane	ND		ug/kg	14000	4900	2.5
Freon-113	ND		ug/kg	560	97.	2.5
p-Diethylbenzene	6500		ug/kg	280	25.	2.5
p-Ethyltoluene	11000		ug/kg	280	54.	2.5
1,2,4,5-Tetramethylbenzene	2600		ug/kg	280	27.	2.5
Ethyl ether	ND		ug/kg	280	48.	2.5
trans-1,4-Dichloro-2-butene	ND		ug/kg	700	200	2.5
Methyl cyclohexane	930		ug/kg	560	84.	2.5

Tentatively Identified Compounds

Total TIC Compounds	64300	J	ug/kg	2.5
Unknown Benzene	7660	J	ug/kg	2.5
Unknown Aromatic	5050	J	ug/kg	2.5
Unknown Benzene	5230	J	ug/kg	2.5
Unknown Alkane	5290	J	ug/kg	2.5
Unknown Benzene	3300	J	ug/kg	2.5
Unknown Benzene	6990	J	ug/kg	2.5
Unknown Alkane	6100	J	ug/kg	2.5
Unknown Benzene	10900	J	ug/kg	2.5
Unknown Aromatic	7460	J	ug/kg	2.5
Unknown Aromatic	6330	J	ug/kg	2.5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-11 D

Date Collected: 06/22/18 11:45

Client ID: X44-WC (12-13)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,05,09 Batch: WG1130211-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.58	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,05,09 Batch: WG1130211-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,05,09 Batch: WG1130211-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,05,09 Batch: WG1130211-5					

Tentatively Identified Compounds

Total TIC Compounds	8.01	J	ug/kg
Unknown Siloxane	2.62	J	ug/kg
Unknown	2.38	J	ug/kg
Unknown	3.01	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/26/18 21:28

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG1130228-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	29	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG1130228-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/26/18 21:28
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG1130228-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/26/18 21:28

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03 Batch: WG1130228-5					

Tentatively Identified Compounds

Total TIC Compounds	400	J	ug/kg
Unknown Siloxane	131	J	ug/kg
Unknown	150	J	ug/kg
Unknown	119	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/27/18 08:19**Analyst:** MM**Extraction Date:** 06/26/18 15:08**TCLP/SPLP Extraction Date:** 06/26/18 15:08

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,05,07,09,11 Batch: WG1130275-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	4.1	J	ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/27/18 09:48
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,11 Batch: WG1130450-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	30	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/27/18 09:48
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,11 Batch: WG1130450-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/27/18 09:48
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,11 Batch: WG1130450-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/27/18 09:48
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07,11 Batch: WG1130450-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 06/29/18 08:19

Analyst: MM

TCLP/SPLP Extraction Date: 06/28/18 15:33

Extraction Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 04 Batch: WG1131069-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	115		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,05,09 Batch: WG1130211-3 WG1130211-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	87		87		70-130	0		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	88		87		70-130	1		30
Chlorobenzene	86		87		70-130	1		30
Trichlorofluoromethane	92		92		70-139	0		30
1,2-Dichloroethane	92		90		70-130	2		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	92		92		70-130	0		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	88		86		70-130	2		30
Toluene	85		86		70-130	1		30
Ethylbenzene	86		87		70-130	1		30
Chloromethane	96		89		52-130	8		30
Bromomethane	82		81		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,05,09 Batch: WG1130211-3 WG1130211-4								
Vinyl chloride	93		89		67-130	4		30
Chloroethane	90		89		50-151	1		30
1,1-Dichloroethene	91		89		65-135	2		30
trans-1,2-Dichloroethene	88		85		70-130	3		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	87		84		70-130	4		30
1,3-Dichlorobenzene	85		85		70-130	0		30
1,4-Dichlorobenzene	85		85		70-130	0		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	87		88		70-130	1		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	87		86		70-130	1		30
Dibromomethane	90		89		70-130	1		30
Styrene	87		87		70-130	0		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	121		119		54-140	2		30
Carbon disulfide	85		83		59-130	2		30
2-Butanone	103		103		70-130	0		30
Vinyl acetate	95		90		70-130	5		30
4-Methyl-2-pentanone	95		94		70-130	1		30
1,2,3-Trichloropropane	92		91		68-130	1		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,05,09 Batch: WG1130211-3 WG1130211-4								
2,2-Dichloropropane	89		88		70-130	1		30
1,2-Dibromoethane	92		91		70-130	1		30
1,3-Dichloropropane	91		90		69-130	1		30
1,1,1,2-Tetrachloroethane	88		88		70-130	0		30
Bromobenzene	84		84		70-130	0		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	87		88		70-130	1		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	85		85		70-130	0		30
p-Chlorotoluene	86		86		70-130	0		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	84		82		67-130	2		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	87		87		70-130	0		30
Naphthalene	91		88		70-130	3		30
Acrylonitrile	102		98		70-130	4		30
Tert-Butyl Alcohol	95		93		70-130	2		30
n-Propylbenzene	87		87		70-130	0		30
1,2,3-Trichlorobenzene	88		87		70-130	1		30
1,2,4-Trichlorobenzene	86		85		70-130	1		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		85		70-130	1		30
Methyl Acetate	99		100		51-146	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,05,09 Batch: WG1130211-3 WG1130211-4								
Acrolein	102		96		70-130	6		30
Cyclohexane	98		97		59-142	1		30
1,4-Dioxane	99		95		65-136	4		30
Freon-113	95		93		50-139	2		30
p-Diethylbenzene	86		85		70-130	1		30
p-Ethyltoluene	87		87		70-130	0		30
1,2,4,5-Tetramethylbenzene	87		85		70-130	2		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	96		97		70-130	1		30
Methyl cyclohexane	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG1130228-3 WG1130228-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	87		87		70-130	0		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	89		88		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Tetrachloroethene	88		87		70-130	1		30
Chlorobenzene	86		87		70-130	1		30
Trichlorofluoromethane	92		92		70-139	0		30
1,2-Dichloroethane	92		90		70-130	2		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
1,1-Dichloropropene	92		92		70-130	0		30
Bromoform	89		89		70-130	0		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	88		86		70-130	2		30
Toluene	85		86		70-130	1		30
Ethylbenzene	86		87		70-130	1		30
Chloromethane	96		89		52-130	8		30
Bromomethane	82		81		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG1130228-3 WG1130228-4								
Vinyl chloride	93		89		67-130	4		30
Chloroethane	90		89		50-151	1		30
1,1-Dichloroethene	91		89		65-135	2		30
trans-1,2-Dichloroethene	88		85		70-130	3		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	87		84		70-130	4		30
1,3-Dichlorobenzene	85		85		70-130	0		30
1,4-Dichlorobenzene	85		85		70-130	0		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	87		88		70-130	1		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	87		86		70-130	1		30
Dibromomethane	90		89		70-130	1		30
Styrene	87		87		70-130	0		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	121		119		54-140	2		30
Carbon disulfide	85		83		59-130	2		30
2-Butanone	103		103		70-130	0		30
Vinyl acetate	95		90		70-130	5		30
4-Methyl-2-pentanone	95		94		70-130	1		30
1,2,3-Trichloropropane	92		91		68-130	1		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	91		91		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG1130228-3 WG1130228-4								
2,2-Dichloropropane	89		88		70-130	1		30
1,2-Dibromoethane	92		91		70-130	1		30
1,3-Dichloropropane	91		90		69-130	1		30
1,1,1,2-Tetrachloroethane	88		88		70-130	0		30
Bromobenzene	84		84		70-130	0		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	87		88		70-130	1		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	85		85		70-130	0		30
p-Chlorotoluene	86		86		70-130	0		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Hexachlorobutadiene	84		82		67-130	2		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	87		87		70-130	0		30
Naphthalene	91		88		70-130	3		30
Acrylonitrile	102		98		70-130	4		30
Tert-Butyl Alcohol	95		93		70-130	2		30
n-Propylbenzene	87		87		70-130	0		30
1,2,3-Trichlorobenzene	88		87		70-130	1		30
1,2,4-Trichlorobenzene	86		85		70-130	1		30
1,3,5-Trimethylbenzene	86		86		70-130	0		30
1,2,4-Trimethylbenzene	86		85		70-130	1		30
Methyl Acetate	99		100		51-146	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03 Batch: WG1130228-3 WG1130228-4								
Acrolein	102		96		70-130	6		30
Cyclohexane	98		97		59-142	1		30
1,4-Dioxane	99		95		65-136	4		30
Freon-113	95		93		50-139	2		30
p-Diethylbenzene	86		85		70-130	1		30
p-Ethyltoluene	87		87		70-130	0		30
1,2,4,5-Tetramethylbenzene	87		85		70-130	2		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	96		97		70-130	1		30
Methyl cyclohexane	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,05,07,09,11 Batch: WG1130275-3 WG1130275-4								
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	81		84		70-130	4		20
Chlorobenzene	90		92		75-130	2		25
1,2-Dichloroethane	130		130		70-130	0		20
Benzene	110		110		70-130	0		25
Vinyl chloride	110		100		55-140	10		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	86		84		70-130	2		20
2-Butanone	190	Q	190	Q	63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	123		120		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	103		106		70-130
dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,11 Batch: WG1130450-3 WG1130450-4								
Methylene chloride	91		87		70-130	4		30
1,1-Dichloroethane	94		88		70-130	7		30
Chloroform	93		93		70-130	0		30
Carbon tetrachloride	90		85		70-130	6		30
1,2-Dichloropropane	95		92		70-130	3		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	100		97		70-130	3		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	94		89		70-130	5		30
Trichlorofluoromethane	89		84		70-139	6		30
1,2-Dichloroethane	98		96		70-130	2		30
1,1,1-Trichloroethane	93		86		70-130	8		30
Bromodichloromethane	97		92		70-130	5		30
trans-1,3-Dichloropropene	97		95		70-130	2		30
cis-1,3-Dichloropropene	98		95		70-130	3		30
1,1-Dichloropropene	94		87		70-130	8		30
Bromoform	96		95		70-130	1		30
1,1,2,2-Tetrachloroethane	100		99		70-130	1		30
Benzene	92		87		70-130	6		30
Toluene	91		87		70-130	4		30
Ethylbenzene	92		88		70-130	4		30
Chloromethane	91		85		52-130	7		30
Bromomethane	85		77		57-147	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,11 Batch: WG1130450-3 WG1130450-4								
Vinyl chloride	90		84		67-130	7		30
Chloroethane	91		87		50-151	4		30
1,1-Dichloroethene	89		84		65-135	6		30
trans-1,2-Dichloroethene	91		86		70-130	6		30
Trichloroethene	93		86		70-130	8		30
1,2-Dichlorobenzene	91		88		70-130	3		30
1,3-Dichlorobenzene	90		87		70-130	3		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	100		98		66-130	2		30
p/m-Xylene	93		88		70-130	6		30
o-Xylene	93		89		70-130	4		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
Dibromomethane	98		96		70-130	2		30
Styrene	95		91		70-130	4		30
Dichlorodifluoromethane	87		82		30-146	6		30
Acetone	112		110		54-140	2		30
Carbon disulfide	84		79		59-130	6		30
2-Butanone	109		108		70-130	1		30
Vinyl acetate	94		92		70-130	2		30
4-Methyl-2-pentanone	102		104		70-130	2		30
1,2,3-Trichloropropane	96		97		68-130	1		30
2-Hexanone	104		105		70-130	1		30
Bromochloromethane	97		94		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,11 Batch: WG1130450-3 WG1130450-4								
2,2-Dichloropropane	91		86		70-130	6		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	97		96		69-130	1		30
1,1,1,2-Tetrachloroethane	95		92		70-130	3		30
Bromobenzene	90		87		70-130	3		30
n-Butylbenzene	90		85		70-130	6		30
sec-Butylbenzene	89		85		70-130	5		30
tert-Butylbenzene	88		84		70-130	5		30
o-Chlorotoluene	88		85		70-130	3		30
p-Chlorotoluene	91		87		70-130	4		30
1,2-Dibromo-3-chloropropane	98		100		68-130	2		30
Hexachlorobutadiene	82		78		67-130	5		30
Isopropylbenzene	89		85		70-130	5		30
p-Isopropyltoluene	89		85		70-130	5		30
Naphthalene	95		96		70-130	1		30
Acrylonitrile	109		107		70-130	2		30
Tert-Butyl Alcohol	103		101		70-130	2		30
n-Propylbenzene	90		85		70-130	6		30
1,2,3-Trichlorobenzene	93		90		70-130	3		30
1,2,4-Trichlorobenzene	90		87		70-130	3		30
1,3,5-Trimethylbenzene	90		86		70-130	5		30
1,2,4-Trimethylbenzene	91		86		70-130	6		30
Methyl Acetate	108		105		51-146	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07,11 Batch: WG1130450-3 WG1130450-4								
Acrolein	112		105		70-130	6		30
Cyclohexane	93		87		59-142	7		30
1,4-Dioxane	97		99		65-136	2		30
Freon-113	89		84		50-139	6		30
p-Diethylbenzene	89		84		70-130	6		30
p-Ethyltoluene	91		86		70-130	6		30
1,2,4,5-Tetramethylbenzene	91		87		70-130	4		30
Ethyl ether	97		96		67-130	1		30
trans-1,4-Dichloro-2-butene	103		104		70-130	1		30
Methyl cyclohexane	90		83		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 04 Batch: WG1131069-3 WG1131069-4								
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	97		96		70-130	1		20
Chlorobenzene	84		81		75-130	4		25
1,2-Dichloroethane	96		91		70-130	5		20
Benzene	93		92		70-130	1		25
Vinyl chloride	58		61		55-140	5		20
1,1-Dichloroethene	97		93		61-145	4		25
Trichloroethene	100		98		70-130	2		25
1,4-Dichlorobenzene	80		76		70-130	5		20
2-Butanone	69		65		63-138	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		101		70-130
Toluene-d8	90		92		70-130
4-Bromofluorobenzene	96		95		70-130
dibromofluoromethane	114		114		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01
 Client ID: 46-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 01:34
 Analyst: ALS
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	122	Q	33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01
 Client ID: 46-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 07:37
 Analyst: RC
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	420		ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	8300	E	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	420		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-01**Date Collected:** 06/22/18 09:00**Client ID:** 46-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	3700		ug/kg	120	22.	1
Benzo(a)pyrene	3300		ug/kg	160	47.	1
Benzo(b)fluoranthene	4300		ug/kg	120	33.	1
Benzo(k)fluoranthene	1500		ug/kg	120	31.	1
Chrysene	3600		ug/kg	120	20.	1
Acenaphthylene	460		ug/kg	160	30.	1
Anthracene	1400		ug/kg	120	38.	1
Benzo(ghi)perylene	2000		ug/kg	160	23.	1
Fluorene	360		ug/kg	190	19.	1
Phenanthrene	5800		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	510		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	160	27.	1
Pyrene	7200		ug/kg	120	19.	1
Biphenyl	54	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	320		ug/kg	190	18.	1
2-Methylnaphthalene	200	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	36	J	ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-01**Date Collected:** 06/22/18 09:00**Client ID:** 46-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	550		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	76		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01 D
 Client ID: 46-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8270D

Analytical Date: 06/28/18 12:42

Analyst: SZ

Percent Solids: 84%

Extraction Method: EPA 3546

Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	7900		ug/kg	230	45.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 02:01
 Analyst: ALS
 Percent Solids: 93%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	70		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	105		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04 D
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 13:07
 Analyst: SZ
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	710	92.	5
Benzidine	ND		ug/kg	2900	970	5
1,2,4-Trichlorobenzene	ND		ug/kg	890	100	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	800	120	5
2-Chloronaphthalene	ND		ug/kg	890	89.	5
3,3'-Dichlorobenzidine	ND		ug/kg	890	240	5
2,4-Dinitrotoluene	ND		ug/kg	890	180	5
2,6-Dinitrotoluene	ND		ug/kg	890	150	5
Azobenzene	ND		ug/kg	890	86.	5
Fluoranthene	540		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	890	96.	5
4-Bromophenyl phenyl ether	ND		ug/kg	890	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	960	90.	5
Hexachlorobutadiene	ND		ug/kg	890	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	810	5
Hexachloroethane	ND		ug/kg	710	140	5
Isophorone	ND		ug/kg	800	120	5
Naphthalene	2500		ug/kg	890	110	5
Nitrobenzene	ND		ug/kg	800	130	5
NDPA/DPA	ND		ug/kg	710	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	890	140	5
Bis(2-ethylhexyl)phthalate	1600		ug/kg	890	310	5
Butyl benzyl phthalate	1400		ug/kg	890	220	5
Di-n-butylphthalate	ND		ug/kg	890	170	5
Di-n-octylphthalate	ND		ug/kg	890	300	5
Diethyl phthalate	ND		ug/kg	890	83.	5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04 D
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	890	190	5
Benzo(a)anthracene	370	J	ug/kg	540	100	5
Benzo(a)pyrene	290	J	ug/kg	710	220	5
Benzo(b)fluoranthene	240	J	ug/kg	540	150	5
Benzo(k)fluoranthene	ND		ug/kg	540	140	5
Chrysene	290	J	ug/kg	540	93.	5
Acenaphthylene	ND		ug/kg	710	140	5
Anthracene	270	J	ug/kg	540	170	5
Benzo(ghi)perylene	380	J	ug/kg	710	100	5
Fluorene	260	J	ug/kg	890	87.	5
Phenanthrene	800		ug/kg	540	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	170	J	ug/kg	710	120	5
Pyrene	930		ug/kg	540	89.	5
Biphenyl	ND		ug/kg	2000	210	5
4-Chloroaniline	ND		ug/kg	890	160	5
2-Nitroaniline	ND		ug/kg	890	170	5
3-Nitroaniline	ND		ug/kg	890	170	5
4-Nitroaniline	ND		ug/kg	890	370	5
Dibenzofuran	ND		ug/kg	890	84.	5
2-Methylnaphthalene	4200		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	890	93.	5
Acetophenone	ND		ug/kg	890	110	5
n-Nitrosodimethylamine	ND		ug/kg	1800	170	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	890	130	5
2-Chlorophenol	ND		ug/kg	890	100	5
2,4-Dichlorophenol	ND		ug/kg	800	140	5
2,4-Dimethylphenol	ND		ug/kg	890	290	5
2-Nitrophenol	ND		ug/kg	1900	340	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4300	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	430	5
Pentachlorophenol	ND		ug/kg	710	200	5
Phenol	ND		ug/kg	890	130	5
2-Methylphenol	ND		ug/kg	890	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04 D

Date Collected: 06/22/18 09:10

Client ID: X46-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	890	170	5
Benzoic Acid	ND		ug/kg	2900	900	5
Benzyl Alcohol	ND		ug/kg	890	270	5
Carbazole	ND		ug/kg	890	87.	5
Atrazine	ND		ug/kg	710	310	5
Benzaldehyde	ND		ug/kg	1200	240	5
Caprolactam	ND		ug/kg	890	270	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	890	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06
 Client ID: 45-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 02:28
 Analyst: ALS
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		21-120
Phenol-d6	86		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	110		15-120
2,4,6-Tribromophenol	131	Q	10-120
4-Terphenyl-d14	136	Q	33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06
 Client ID: 45-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 08:28
 Analyst: RC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240		ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	3900		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	150	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	57	J	ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-06**Date Collected:** 06/22/18 09:55**Client ID:** 45-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	1800		ug/kg	120	22.	1
Benzo(a)pyrene	1600		ug/kg	160	47.	1
Benzo(b)fluoranthene	2000		ug/kg	120	33.	1
Benzo(k)fluoranthene	730		ug/kg	120	31.	1
Chrysene	1800		ug/kg	120	20.	1
Acenaphthylene	240		ug/kg	160	30.	1
Anthracene	750		ug/kg	120	38.	1
Benzo(ghi)perylene	1000		ug/kg	160	23.	1
Fluorene	270		ug/kg	190	19.	1
Phenanthrene	3200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	270		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	160	27.	1
Pyrene	3600		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	150	J	ug/kg	190	18.	1
2-Methylnaphthalene	100	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-06**Date Collected:** 06/22/18 09:55**Client ID:** 45-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	300		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	63		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08
 Client ID: X45-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 02:55
 Analyst: ALS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	100		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08
 Client ID: X45-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 05:29
 Analyst: RC
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Benzidine	ND		ug/kg	590	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	110		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	440		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-08**Date Collected:** 06/22/18 10:05**Client ID:** X45-WC (9-19)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	100	J	ug/kg	110	20.	1
Benzo(a)pyrene	81	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	100	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	29	J	ug/kg	110	29.	1
Chrysene	83	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	61	J	ug/kg	110	35.	1
Benzo(ghi)perylene	140		ug/kg	140	21.	1
Fluorene	60	J	ug/kg	180	17.	1
Phenanthrene	170		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	140	25.	1
Pyrene	220		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	740		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	71		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10
 Client ID: 44-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 03:22
 Analyst: ALS
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	100		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10
 Client ID: 44-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 08:53
 Analyst: RC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	210		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-10**Date Collected:** 06/22/18 11:40**Client ID:** 44-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	100	J	ug/kg	120	23.	1
Benzo(a)pyrene	100	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	140		ug/kg	120	34.	1
Benzo(k)fluoranthene	42	J	ug/kg	120	32.	1
Chrysene	110	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	85	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	120		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	25	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	79	J	ug/kg	160	28.	1
Pyrene	190		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-10**Date Collected:** 06/22/18 11:40**Client ID:** 44-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	130	J	ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	67		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 03:48
 Analyst: ALS
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	124	Q	33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/28/18 05:55
 Analyst: RC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	160	21.	1
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	120		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	820		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	960		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-12**Date Collected:** 06/22/18 11:50**Client ID:** X44-WC (9-18)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	89	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	100	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	85	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	65	J	ug/kg	120	39.	1
Benzo(ghi)perylene	120	J	ug/kg	160	24.	1
Fluorene	63	J	ug/kg	200	19.	1
Phenanthrene	200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	55	J	ug/kg	160	28.	1
Pyrene	230		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	1100		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-12**Date Collected:** 06/22/18 11:50**Client ID:** X44-WC (9-18)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	63		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/27/18 22:54
 Analyst: ALS
 TCLP/SPLP Extraction Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130183-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	107		33-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/27/18 23:33
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130360-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/27/18 23:33
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130360-1					
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D
Analytical Date: 06/27/18 23:33
Analyst: RCExtraction Method: EPA 3546
Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130360-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 06/27/18 23:33
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 14:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130360-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130183-2 WG1130183-3								
Hexachlorobenzene	76		90		40-140	17		30
2,4-Dinitrotoluene	88		98		40-132	11		30
Hexachlorobutadiene	72		85		28-111	17		30
Hexachloroethane	69		79		21-105	14		30
Nitrobenzene	68		81		40-140	17		30
2,4,6-Trichlorophenol	90		102		30-130	13		30
Pentachlorophenol	63		76		9-103	19		30
2-Methylphenol	75		88		30-130	16		30
3-Methylphenol/4-Methylphenol	74		85		30-130	14		30
2,4,5-Trichlorophenol	95		104		30-130	9		30
Pyridine	58		62		10-66	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		92		21-120
Phenol-d6	76		85		10-120
Nitrobenzene-d5	82		96		23-120
2-Fluorobiphenyl	86		100		15-120
2,4,6-Tribromophenol	103		118		10-120
4-Terphenyl-d14	97		115		33-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130360-2 WG1130360-3								
Acenaphthene	95		100		31-137	5		50
Benzidine	64		60		10-66	6		50
1,2,4-Trichlorobenzene	85		90		38-107	6		50
Hexachlorobenzene	85		88		40-140	3		50
Bis(2-chloroethyl)ether	95		100		40-140	5		50
2-Chloronaphthalene	91		95		40-140	4		50
3,3'-Dichlorobenzidine	60		62		40-140	3		50
2,4-Dinitrotoluene	104		109		40-132	5		50
2,6-Dinitrotoluene	111		118		40-140	6		50
Azobenzene	107		111		40-140	4		50
Fluoranthene	96		101		40-140	5		50
4-Chlorophenyl phenyl ether	89		95		40-140	7		50
4-Bromophenyl phenyl ether	93		97		40-140	4		50
Bis(2-chloroisopropyl)ether	107		113		40-140	5		50
Bis(2-chloroethoxy)methane	99		104		40-117	5		50
Hexachlorobutadiene	82		84		40-140	2		50
Hexachlorocyclopentadiene	72		76		40-140	5		50
Hexachloroethane	87		91		40-140	4		50
Isophorone	99		104		40-140	5		50
Naphthalene	89		93		40-140	4		50
Nitrobenzene	105		111		40-140	6		50
NDPA/DPA	98		103		36-157	5		50
n-Nitrosodi-n-propylamine	100		106		32-121	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130360-2 WG1130360-3								
Bis(2-ethylhexyl)phthalate	111		120		40-140	8		50
Butyl benzyl phthalate	112		117		40-140	4		50
Di-n-butylphthalate	102		109		40-140	7		50
Di-n-octylphthalate	117		124		40-140	6		50
Diethyl phthalate	100		105		40-140	5		50
Dimethyl phthalate	94		98		40-140	4		50
Benzo(a)anthracene	95		100		40-140	5		50
Benzo(a)pyrene	99		102		40-140	3		50
Benzo(b)fluoranthene	96		100		40-140	4		50
Benzo(k)fluoranthene	98		102		40-140	4		50
Chrysene	95		100		40-140	5		50
Acenaphthylene	95		100		40-140	5		50
Anthracene	97		102		40-140	5		50
Benzo(ghi)perylene	95		100		40-140	5		50
Fluorene	98		102		40-140	4		50
Phenanthrene	95		100		40-140	5		50
Dibenzo(a,h)anthracene	94		96		40-140	2		50
Indeno(1,2,3-cd)pyrene	97		101		40-140	4		50
Pyrene	96		99		35-142	3		50
Biphenyl	95		98		54-104	3		50
4-Chloroaniline	88		91		40-140	3		50
2-Nitroaniline	117		122		47-134	4		50
3-Nitroaniline	98		98		26-129	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130360-2 WG1130360-3								
4-Nitroaniline	113		115		41-125	2		50
Dibenzofuran	94		97		40-140	3		50
2-Methylnaphthalene	94		98		40-140	4		50
1,2,4,5-Tetrachlorobenzene	88		92		40-117	4		50
Acetophenone	96		101		14-144	5		50
n-Nitrosodimethylamine	94		97		22-100	3		50
2,4,6-Trichlorophenol	96		102		30-130	6		50
p-Chloro-m-cresol	101		106	Q	26-103	5		50
2-Chlorophenol	96		102		25-102	6		50
2,4-Dichlorophenol	96		101		30-130	5		50
2,4-Dimethylphenol	102		108		30-130	6		50
2-Nitrophenol	118		125		30-130	6		50
4-Nitrophenol	126	Q	127	Q	11-114	1		50
2,4-Dinitrophenol	88		93		4-130	6		50
4,6-Dinitro-o-cresol	115		122		10-130	6		50
Pentachlorophenol	66		70		17-109	6		50
Phenol	94	Q	100	Q	26-90	6		50
2-Methylphenol	99		105		30-130	6		50
3-Methylphenol/4-Methylphenol	100		105		30-130	5		50
2,4,5-Trichlorophenol	98		103		30-130	5		50
Benzoic Acid	57		55		10-110	4		50
Benzyl Alcohol	104		109		40-140	5		50
Carbazole	98		103		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130360-2 WG1130360-3								
Atrazine	87		90		40-140	3		50
Benzaldehyde	91		94		40-140	3		50
Caprolactam	117		123		15-130	5		50
2,3,4,6-Tetrachlorophenol	98		104		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		90		25-120
Phenol-d6	88		92		10-120
Nitrobenzene-d5	92		97		23-120
2-Fluorobiphenyl	80		84		30-120
2,4,6-Tribromophenol	82		86		10-136
4-Terphenyl-d14	86		90		18-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/28/18 17:29
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	230.		mg/kg	37.8	3.79	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	66			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/28/18 16:05
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/26/18 17:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	297		mg/kg	27.7	27.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	83			40-140		
o-Terphenyl	85			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-04 D
Client ID: X46-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/28/18 16:21
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	35700		mg/kg	3420	343.	100
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04 D
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/29/18 08:51
 Analyst: MEO
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/26/18 17:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	33000		mg/kg	1260	1260	50
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	0		Q	40-140		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 11:59
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	332.		mg/kg	38.5	3.86	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	63			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 08:14
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/18 17:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	276		mg/kg	27.6	27.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	90			40-140		
o-Terphenyl	88			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08 D
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 11:05
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/18 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	7030		mg/kg	711	71.2	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	83			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08 D
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/30/18 08:47
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/29/18 18:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	7510		mg/kg	258	258.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	98			40-140		
o-Terphenyl	99			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-10
Client ID: 44-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/28/18 18:36
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	151.		mg/kg	40.0	4.01	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	60			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-10
Client ID: 44-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/28/18 15:36
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/26/18 17:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	73.4		mg/kg	28.7	28.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	86		40-140
o-Terphenyl	91		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-12 D
Client ID: X44-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 09:16
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/29/18 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	4690		mg/kg	400	40.1	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	70			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-12 D
Client ID: X44-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/30/18 08:18
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/29/18 18:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	11000		mg/kg	282	282.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	95			40-140		
o-Terphenyl	99			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 103,NJDEP EPH

Analytical Date: 06/26/18 12:37

Analyst: MEO

Extraction Method: EPA 3546

Extraction Date: 06/25/18 18:05

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,04,06,10 Batch: WG1129555-1					
Total EPH	ND		mg/kg	22.9	22.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	79		40-140
o-Terphenyl	82		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 06/28/18 14:40
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,04,06,10 Batch: WG1130566-1					
DROD (C9-C44)	6.19	J	mg/kg	32.0	3.21

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 06/30/18 09:16

Extraction Date: 06/29/18 18:12

Analyst: MEO

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 08,12 Batch: WG1131340-1					
Total EPH	ND		mg/kg	23.6	23.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	87		40-140
o-Terphenyl	88		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8015C(M)
Analytical Date: 06/30/18 08:43
Analyst: MEOExtraction Method: EPA 3546
Extraction Date: 06/29/18 18:34

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 08,12 Batch: WG1131344-1					
DROD (C9-C44)	ND		mg/kg	31.7	3.17

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,04,06,10 Batch: WG1129555-2 WG1129555-3								
Total EPH	95		94		40-140	1		25
Nonane (C9)	73		70		40-140	4		25
Decane (C10)	82		78		40-140	5		25
Dodecane (C12)	79		77		40-140	3		25
Tetradecane (C14)	80		78		40-140	3		25
Hexadecane (C16)	87		85		40-140	2		25
Octadecane (C18)	91		90		40-140	1		25
Eicosane (C20)	91		90		40-140	1		25
Heneicosane (C21)	92		91		40-140	1		25
Docosane (C22)	91		90		40-140	1		25
Tetracosane (C24)	91		91		40-140	0		25
Hexacosane (C26)	91		91		40-140	0		25
Octacosane (C28)	89		89		40-140	0		25
triacontane (C30)	89		89		40-140	0		25
Dotriacontane (C32)	88		89		40-140	1		25
Tetratriacontane (C34)	83		84		40-140	1		25
Hexatriacontane (C36)	85		88		40-140	3		25
Octatriacontane (C38)	87		90		40-140	3		25
Tetracontane (C40)	90		94		40-140	4		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,04,06,10 Batch: WG1129555-2 WG1129555-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	82		81		40-140
o-Terphenyl	86		85		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,04,06,10 Batch: WG1130566-2								
Total Petroleum Hydrocarbons (C9-C44)	66		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	58				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08,12 Batch: WG1131340-2 WG1131340-3								
Total EPH	112		110		40-140	2		25
Nonane (C9)	76		84		40-140	10		25
Decane (C10)	86		94		40-140	9		25
Dodecane (C12)	87		93		40-140	7		25
Tetradecane (C14)	89		95		40-140	7		25
Hexadecane (C16)	96		99		40-140	3		25
Octadecane (C18)	103		103		40-140	0		25
Eicosane (C20)	103		102		40-140	1		25
Heneicosane (C21)	104		103		40-140	1		25
Docosane (C22)	103		102		40-140	1		25
Tetracosane (C24)	104		102		40-140	2		25
Hexacosane (C26)	103		102		40-140	1		25
Octacosane (C28)	101		100		40-140	1		25
triacontane (C30)	101		100		40-140	1		25
Dotriacontane (C32)	101		100		40-140	1		25
Tetratriacontane (C34)	97		95		40-140	2		25
Hexatriacontane (C36)	101		98		40-140	3		25
Octatriacontane (C38)	106		100		40-140	6		25
Tetracontane (C40)	116		109		40-140	6		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08,12 Batch: WG1131340-2 WG1131340-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	91		87		40-140
o-Terphenyl	91		88		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 08,12 Batch: WG1131344-2								
Total Petroleum Hydrocarbons (C9-C44)	69		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	61				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,04,06,10 QC Batch ID: WG1129555-4 QC Sample: L1823216-01 Client ID: MS Sample												
Total EPH	ND	259	245	95		-	-		40-140	-		50
Nonane (C9)	ND	7.2	5.14	71		-	-		40-140	-		50
Decane (C10)	ND	7.2	5.94	83		-	-		40-140	-		50
Dodecane (C12)	ND	7.2	5.60	78		-	-		40-140	-		50
Tetradecane (C14)	ND	7.2	5.76	80		-	-		40-140	-		50
Hexadecane (C16)	ND	7.2	6.15	85		-	-		40-140	-		50
Octadecane (C18)	ND	7.2	6.42	89		-	-		40-140	-		50
Eicosane (C20)	ND	7.2	6.42	89		-	-		40-140	-		50
Heneicosane (C21)	ND	7.2	6.45	90		-	-		40-140	-		50
Docosane (C22)	ND	7.2	6.40	89		-	-		40-140	-		50
Tetracosane (C24)	ND	7.2	6.44	89		-	-		40-140	-		50
Hexacosane (C26)	ND	7.2	6.42	89		-	-		40-140	-		50
Octacosane (C28)	ND	7.2	6.30	88		-	-		40-140	-		50
triacontane (C30)	ND	7.2	6.30	88		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.2	6.30	88		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.2	5.97	83		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.2	6.16	86		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.2	6.26	87		-	-		40-140	-		50
Tetracontane (C40)	ND	7.2	6.39	89		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	80				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,04,06,10 QC Batch ID: WG1129555-4 QC Sample: L1823216-01
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab L1824753-06 Client ID: MS Sample Associated sample(s): 08,12 QC Batch ID: WG1131340-6 WG1131340-7 QC Sample:												
Total EPH	ND	246	271	110		314	122		40-140	15		50
Nonane (C9)	ND	6.85	5.27	77		5.58	78		40-140	6		50
Decane (C10)	ND	6.85	6.01	88		6.44	90		40-140	7		50
Dodecane (C12)	ND	6.85	6.19	90		6.65	93		40-140	7		50
Tetradecane (C14)	ND	6.85	6.20	91		6.71	94		40-140	8		50
Hexadecane (C16)	ND	6.85	6.70	98		7.42	104		40-140	10		50
Octadecane (C18)	ND	6.85	7.39	108		8.41	118		40-140	13		50
Eicosane (C20)	ND	6.85	7.50	110		8.58	120		40-140	13		50
Heneicosane (C21)	ND	6.85	7.55	110		8.64	121		40-140	13		50
Docosane (C22)	ND	6.85	7.50	110		8.59	120		40-140	14		50
Tetracosane (C24)	ND	6.85	7.53	110		8.64	121		40-140	14		50
Hexacosane (C26)	ND	6.85	7.51	110		8.62	121		40-140	14		50
Octacosane (C28)	ND	6.85	7.35	107		8.44	118		40-140	14		50
triacontane (C30)	ND	6.85	7.27	106		8.38	118		40-140	14		50
Dotriacontane (C32)	ND	6.85	7.15	104		8.33	117		40-140	15		50
Tetratriacontane (C34)	ND	6.85	6.64	97		7.84	110		40-140	17		50
Hexatriacontane (C36)	ND	6.85	6.68	98		8.02	112		40-140	18		50
Octatriacontane (C38)	ND	6.85	6.73	98		8.25	116		40-140	20		50
Tetracontane (C40)	ND	6.85	7.13	104		8.90	125		40-140	22		50

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	90		96		40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08,12 QC Batch ID: WG1131340-6 WG1131340-7 QC Sample:
 L1824753-06 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		94		40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,04,06,10 QC Batch ID: WG1129555-5 QC Sample: L1823216-01 Client ID: DUP Sample						

Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		79		40-140
o-Terphenyl	79		82		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,04,06,10 QC Batch ID: WG1130566-4 QC Sample: L1823851-04 Client ID: X46-WC (9-19)						

DROD (C9-C44)	35700	21300	mg/kg	51	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	0	Q	40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08,12 QC Batch ID: WG1131340-5 QC Sample: L1823851-08 Client ID: X45-WC (9-19)						

Total EPH	7510	5530	mg/kg	30		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	98		92		40-140
o-Terphenyl	99		94		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 08,12 QC Batch ID: WG1131344-4 QC Sample: L1823851-08 Client ID: X45-WC (9-19)

DROD (C9-C44)	7030	6240	mg/kg	12		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		69		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01
 Client ID: 46-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/28/18 03:02
 Analyst: WR
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:08
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.5	4.36	1	A
Aroclor 1221	ND		ug/kg	38.5	5.86	1	A
Aroclor 1232	ND		ug/kg	38.5	3.78	1	A
Aroclor 1242	ND		ug/kg	38.5	4.71	1	A
Aroclor 1248	ND		ug/kg	38.5	4.32	1	A
Aroclor 1254	ND		ug/kg	38.5	3.14	1	A
Aroclor 1260	22.9	J	ug/kg	38.5	4.02	1	B
Aroclor 1262	ND		ug/kg	38.5	3.16	1	A
Aroclor 1268	6.86	J	ug/kg	38.5	2.72	1	A
PCBs, Total	29.8	J	ug/kg	38.5	2.72	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/28/18 03:14
 Analyst: WR
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:08
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	4.07	1	A
Aroclor 1221	ND		ug/kg	35.9	5.46	1	A
Aroclor 1232	ND		ug/kg	35.9	3.53	1	A
Aroclor 1242	ND		ug/kg	35.9	4.39	1	A
Aroclor 1248	ND		ug/kg	35.9	4.02	1	A
Aroclor 1254	ND		ug/kg	35.9	2.93	1	A
Aroclor 1260	ND		ug/kg	35.9	3.74	1	A
Aroclor 1262	ND		ug/kg	35.9	2.95	1	A
Aroclor 1268	ND		ug/kg	35.9	2.54	1	A
PCBs, Total	ND		ug/kg	35.9	2.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	12	Q	30-150	B
Decachlorobiphenyl	14	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06
 Client ID: 45-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/28/18 03:27
 Analyst: WR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	4.33	1	A
Aroclor 1221	ND		ug/kg	38.2	5.81	1	A
Aroclor 1232	ND		ug/kg	38.2	3.76	1	A
Aroclor 1242	ND		ug/kg	38.2	4.67	1	A
Aroclor 1248	ND		ug/kg	38.2	4.28	1	A
Aroclor 1254	18.9	J	ug/kg	38.2	3.11	1	A
Aroclor 1260	18.6	J	ug/kg	38.2	3.98	1	B
Aroclor 1262	ND		ug/kg	38.2	3.14	1	A
Aroclor 1268	12.6	J	ug/kg	38.2	2.70	1	A
PCBs, Total	50.1	J	ug/kg	38.2	2.70	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08
 Client ID: X45-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/29/18 13:55
 Analyst: WR
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	4.11	1	A
Aroclor 1221	ND		ug/kg	36.2	5.52	1	A
Aroclor 1232	ND		ug/kg	36.2	3.57	1	A
Aroclor 1242	ND		ug/kg	36.2	4.44	1	A
Aroclor 1248	ND		ug/kg	36.2	4.07	1	A
Aroclor 1254	ND		ug/kg	36.2	2.96	1	A
Aroclor 1260	ND		ug/kg	36.2	3.78	1	A
Aroclor 1262	ND		ug/kg	36.2	2.98	1	A
Aroclor 1268	ND		ug/kg	36.2	2.57	1	A
PCBs, Total	ND		ug/kg	36.2	2.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	151	Q	30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	28	Q	30-150	B
Decachlorobiphenyl	19	Q	30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10
 Client ID: 44-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/28/18 03:52
 Analyst: WR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	4.51	1	A
Aroclor 1221	ND		ug/kg	39.8	6.05	1	A
Aroclor 1232	ND		ug/kg	39.8	3.91	1	A
Aroclor 1242	ND		ug/kg	39.8	4.87	1	A
Aroclor 1248	ND		ug/kg	39.8	4.46	1	A
Aroclor 1254	ND		ug/kg	39.8	3.24	1	A
Aroclor 1260	5.74	J	ug/kg	39.8	4.15	1	B
Aroclor 1262	ND		ug/kg	39.8	3.27	1	A
Aroclor 1268	ND		ug/kg	39.8	2.82	1	A
PCBs, Total	5.74	J	ug/kg	39.8	2.82	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/28/18 04:05
 Analyst: WR
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	4.40	1	A
Aroclor 1221	ND		ug/kg	38.8	5.90	1	A
Aroclor 1232	ND		ug/kg	38.8	3.82	1	A
Aroclor 1242	ND		ug/kg	38.8	4.75	1	A
Aroclor 1248	ND		ug/kg	38.8	4.35	1	A
Aroclor 1254	ND		ug/kg	38.8	3.16	1	A
Aroclor 1260	ND		ug/kg	38.8	4.05	1	A
Aroclor 1262	ND		ug/kg	38.8	3.19	1	A
Aroclor 1268	ND		ug/kg	38.8	2.74	1	A
PCBs, Total	ND		ug/kg	38.8	2.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	27	Q	30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/28/18 00:18
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 10:08
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/27/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/27/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130263-1						
Aroclor 1016	ND		ug/kg	32.9	3.74	A
Aroclor 1221	ND		ug/kg	32.9	5.01	A
Aroclor 1232	ND		ug/kg	32.9	3.24	A
Aroclor 1242	ND		ug/kg	32.9	4.03	A
Aroclor 1248	ND		ug/kg	32.9	3.70	A
Aroclor 1254	ND		ug/kg	32.9	2.69	A
Aroclor 1260	ND		ug/kg	32.9	3.44	A
Aroclor 1262	ND		ug/kg	32.9	2.71	A
Aroclor 1268	ND		ug/kg	32.9	2.33	A
PCBs, Total	ND		ug/kg	32.9	2.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130263-2 WG1130263-3									
Aroclor 1016	80		85		40-140	6		50	A
Aroclor 1260	78		82		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		83		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	B
Decachlorobiphenyl	82		82		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/18 14:34
Analyst: KEG
Percent Solids: 84%
TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01
 Client ID: 46-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 18:07
 Analyst: KEG
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.363	1	A
Lindane	ND		ug/kg	0.773	0.346	1	A
Alpha-BHC	ND		ug/kg	0.773	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	ND		ug/kg	0.928	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	1.62	J	ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.773	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.812	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	1.76	PI	ug/kg	1.16	0.580	1	A
4,4'-DDE	5.65		ug/kg	1.86	0.429	1	A
4,4'-DDD	2.06		ug/kg	1.86	0.662	1	A
4,4'-DDT	22.6		ug/kg	3.48	1.49	1	A
Endosulfan I	ND		ug/kg	1.86	0.438	1	A
Endosulfan II	0.933	JPI	ug/kg	1.86	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.773	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.74	1	A
cis-Chlordane	2.24	J	ug/kg	2.32	0.646	1	A
trans-Chlordane	1.22	JPI	ug/kg	2.32	0.612	1	A
Chlordane	ND		ug/kg	15.1	6.15	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01

Date Collected: 06/22/18 09:00

Client ID: 46-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/29/18 02:35
Analyst: SL
Percent Solids: 84%
TCLP/SPLP Ext. Date: 06/25/18 18:23
Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	43		30-150	A
DCAA	40		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-04
Client ID: X46-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/18 14:47
Analyst: KEG
Percent Solids: 93%
TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 18:20
 Analyst: KEG
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	3.19	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.13	0.592	1	A
trans-Chlordane	ND		ug/kg	2.13	0.561	1	A
Chlordane	ND		ug/kg	13.8	5.63	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-04**Date Collected:** 06/22/18 09:10**Client ID:** X46-WC (9-19)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-04
Client ID: X46-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/29/18 02:54
Analyst: SL
Percent Solids: 93%
TCLP/SPLP Ext. Date: 06/25/18 18:23
Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	39		30-150	A
DCAA	42		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/18 15:00
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06
 Client ID: 45-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 18:33
 Analyst: KEG
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.766	0.342	1	A
Alpha-BHC	ND		ug/kg	0.766	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.697	1	A
Heptachlor	ND		ug/kg	0.919	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.647	1	A
Heptachlor epoxide	1.63	J	ug/kg	3.45	1.03	1	A
Endrin	ND		ug/kg	0.766	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.804	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	1.61	P	ug/kg	1.15	0.575	1	A
4,4'-DDE	12.7		ug/kg	1.84	0.425	1	A
4,4'-DDD	5.07		ug/kg	1.84	0.656	1	A
4,4'-DDT	44.9		ug/kg	3.45	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	0.843	JPI	ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.766	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.65	1	A
cis-Chlordane	1.49	JPI	ug/kg	2.30	0.640	1	B
trans-Chlordane	2.17	JPI	ug/kg	2.30	0.607	1	A
Chlordane	ND		ug/kg	14.9	6.09	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-06**Date Collected:** 06/22/18 09:55**Client ID:** 45-WC (0-9)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	90		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/29/18 03:14
Analyst: SL
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/25/18 18:23
Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	39		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/18 15:12
Analyst: KEG
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/29/18 03:34
Analyst: SL
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/25/18 18:23
Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08 D
 Client ID: X45-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/29/18 16:56
 Analyst: KEG
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	84.6	16.6	50	A
Lindane	ND		ug/kg	35.3	15.8	50	A
Alpha-BHC	ND		ug/kg	35.3	10.0	50	A
Beta-BHC	ND		ug/kg	84.6	32.1	50	A
Heptachlor	ND		ug/kg	42.3	19.0	50	A
Aldrin	ND		ug/kg	84.6	29.8	50	A
Heptachlor epoxide	ND		ug/kg	159	47.6	50	A
Endrin	ND		ug/kg	35.3	14.5	50	A
Endrin aldehyde	ND		ug/kg	106	37.0	50	A
Endrin ketone	ND		ug/kg	84.6	21.8	50	A
Dieldrin	ND		ug/kg	52.9	26.4	50	A
4,4'-DDE	ND		ug/kg	84.6	19.6	50	A
4,4'-DDD	ND		ug/kg	84.6	30.2	50	B
4,4'-DDT	ND		ug/kg	159	68.1	50	A
Endosulfan I	ND		ug/kg	84.6	20.0	50	A
Endosulfan II	ND		ug/kg	84.6	28.3	50	A
Endosulfan sulfate	ND		ug/kg	35.3	16.8	50	A
Methoxychlor	ND		ug/kg	159	49.4	50	A
Toxaphene	ND		ug/kg	1590	444.	50	A
cis-Chlordane	ND		ug/kg	106	29.5	50	A
trans-Chlordane	ND		ug/kg	106	27.9	50	A
Chlordane	ND		ug/kg	688	280.	50	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08 D

Date Collected: 06/22/18 10:05

Client ID: X45-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-10
Client ID: 44-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/18 15:25
Analyst: KEG
Percent Solids: 82%
TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10
 Client ID: 44-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 18:58
 Analyst: KEG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.672	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	0.737	J	ug/kg	1.19	0.597	1	B
4,4'-DDE	0.985	J	ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.681	1	A
4,4'-DDT	1.95	J	ug/kg	3.58	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.665	1	A
trans-Chlordane	ND		ug/kg	2.39	0.630	1	A
Chlordane	ND		ug/kg	15.5	6.33	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10

Date Collected: 06/22/18 11:40

Client ID: 44-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10
 Client ID: 44-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/29/18 03:53
 Analyst: SL
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/25/18 18:23
 Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
 Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	38		30-150	A
DCAA	39		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 15:38
 Analyst: KEG
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/28/18 19:11
 Analyst: KEG
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.784	0.350	1	A
Alpha-BHC	ND		ug/kg	0.784	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.784	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.823	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	ND	PI	ug/kg	1.18	0.588	1	B
4,4'-DDE	ND		ug/kg	1.88	0.435	1	A
4,4'-DDD	1.22	J	ug/kg	1.88	0.671	1	A
4,4'-DDT	ND		ug/kg	3.53	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.784	0.373	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.87	1	A
cis-Chlordane	0.751	J	ug/kg	2.35	0.655	1	A
trans-Chlordane	ND		ug/kg	2.35	0.621	1	A
Chlordane	ND		ug/kg	15.3	6.23	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-12**Date Collected:** 06/22/18 11:50**Client ID:** X44-WC (9-18)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	49		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12
 Client ID: X44-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
 Date Received: 06/22/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/29/18 04:13
 Analyst: SL
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/25/18 18:23
 Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
 Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	48		30-150	A
DCAA	49		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/28/18 13:56
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/25/18 18:23

Extraction Method: EPA 3510C
 Extraction Date: 06/27/18 02:59

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130106-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/28/18 16:10
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130325-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.282	A
Alpha-BHC	ND		ug/kg	0.632	0.179	A
Beta-BHC	ND		ug/kg	1.52	0.575	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.84	0.853	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.663	A
Endrin ketone	ND		ug/kg	1.52	0.390	A
Dieldrin	ND		ug/kg	0.948	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.84	0.884	A
Toxaphene	ND		ug/kg	28.4	7.96	A
cis-Chlordane	ND		ug/kg	1.90	0.528	A
trans-Chlordane	ND		ug/kg	1.90	0.500	A
Chlordane	ND		ug/kg	12.3	5.02	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/28/18 16:10
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 06/27/18 12:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/28/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130325-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/29/18 01:36
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/25/18 18:23
 Methylation Date: 06/28/18 07:53

Extraction Method: EPA 8151A
 Extraction Date: 06/27/18 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130419-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	33		30-150	A
DCAA	32		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130106-2 WG1130106-3									
Lindane	106		94		30-150	12		20	A
Heptachlor	93		82		30-150	12		20	A
Heptachlor epoxide	98		87		30-150	12		20	A
Endrin	102		90		30-150	12		20	A
Methoxychlor	83		74		30-150	11		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		81		30-150	A
Decachlorobiphenyl	78		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		78		30-150	B
Decachlorobiphenyl	70		65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130325-2 WG1130325-3									
Delta-BHC	86		88		30-150	2		30	A
Lindane	82		86		30-150	5		30	A
Alpha-BHC	86		90		30-150	5		30	A
Beta-BHC	74		78		30-150	5		30	A
Heptachlor	68		69		30-150	1		30	A
Aldrin	77		78		30-150	1		30	A
Heptachlor epoxide	72		76		30-150	5		30	A
Endrin	75		86		30-150	14		30	A
Endrin aldehyde	68		64		30-150	6		30	A
Endrin ketone	72		77		30-150	7		30	A
Dieldrin	79		90		30-150	13		30	A
4,4'-DDE	77		83		30-150	8		30	A
4,4'-DDD	75		85		30-150	13		30	A
4,4'-DDT	76		85		30-150	11		30	A
Endosulfan I	76		84		30-150	10		30	A
Endosulfan II	74		84		30-150	13		30	A
Endosulfan sulfate	76		67		30-150	13		30	A
Methoxychlor	69		72		30-150	4		30	A
cis-Chlordane	69		74		30-150	7		30	A
trans-Chlordane	80		85		30-150	6		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130325-2 WG1130325-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	B
Decachlorobiphenyl	76		84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		78		30-150	A
Decachlorobiphenyl	78		83		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130419-2 WG1130419-3									
2,4-D	63		65		30-150	3		25	A
2,4,5-TP (Silvex)	40		40		30-150	0		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	44		45		30-150	A
DCAA	44		47		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01

Date Collected: 06/22/18 09:00

Client ID: 46-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Barium, TCLP	0.319	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 14:59	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB
Zinc, TCLP	0.296	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 19:42	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-01

Date Collected: 06/22/18 09:00

Client ID: 46-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6010		mg/kg	9.25	2.50	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Antimony, Total	1.49	J	mg/kg	4.62	0.352	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Arsenic, Total	9.22		mg/kg	0.925	0.192	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Barium, Total	349		mg/kg	0.925	0.161	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Beryllium, Total	0.342	J	mg/kg	0.462	0.031	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Cadmium, Total	1.55		mg/kg	0.925	0.091	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Calcium, Total	34000		mg/kg	9.25	3.24	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Chromium, Total	21.3		mg/kg	0.925	0.089	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Cobalt, Total	5.73		mg/kg	1.85	0.154	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Copper, Total	55.3		mg/kg	0.925	0.239	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Iron, Total	19900		mg/kg	4.62	0.835	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Lead, Total	1150		mg/kg	4.62	0.248	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Magnesium, Total	3360		mg/kg	9.25	1.42	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Manganese, Total	763		mg/kg	0.925	0.147	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Mercury, Total	0.935		mg/kg	0.077	0.016	1	06/26/18 08:00	06/26/18 20:57	EPA 7471B	1,7471B	EA
Nickel, Total	26.6		mg/kg	2.31	0.224	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Potassium, Total	724		mg/kg	231	13.3	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Selenium, Total	0.453	J	mg/kg	1.85	0.239	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Silver, Total	0.296	J	mg/kg	0.925	0.262	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Sodium, Total	374		mg/kg	185	2.91	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.85	0.291	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Vanadium, Total	35.1		mg/kg	0.925	0.188	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC
Zinc, Total	305		mg/kg	4.62	0.271	2	06/27/18 07:40	06/27/18 15:38	EPA 3050B	1,6010C	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	21		mg/kg	0.96	0.96	1		06/27/18 15:38	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04

Date Collected: 06/22/18 09:10

Client ID: X46-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.020	J	mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Barium, TCLP	0.439	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Copper, TCLP	0.381		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Lead, TCLP	0.160	J	mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 15:21	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.040	J	mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB
Zinc, TCLP	0.186	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:00	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-04

Date Collected: 06/22/18 09:10

Client ID: X46-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4830		mg/kg	8.47	2.29	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Antimony, Total	0.398	J	mg/kg	4.23	0.322	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Arsenic, Total	1.23		mg/kg	0.847	0.176	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Barium, Total	28.9		mg/kg	0.847	0.147	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.220	J	mg/kg	0.423	0.028	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Cadmium, Total	0.406	J	mg/kg	0.847	0.083	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Calcium, Total	915		mg/kg	8.47	2.96	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Chromium, Total	14.1		mg/kg	0.847	0.081	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Cobalt, Total	5.38		mg/kg	1.69	0.140	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Copper, Total	10.6		mg/kg	0.847	0.218	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Iron, Total	9410		mg/kg	4.23	0.765	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Lead, Total	15.9		mg/kg	4.23	0.227	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Magnesium, Total	2360		mg/kg	8.47	1.30	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Manganese, Total	216		mg/kg	0.847	0.135	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Mercury, Total	0.019	J	mg/kg	0.068	0.014	1	06/26/18 08:00	06/26/18 20:59	EPA 7471B	1,7471B	EA
Nickel, Total	29.8		mg/kg	2.12	0.205	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Potassium, Total	820		mg/kg	212	12.2	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.847	0.240	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Sodium, Total	60.8	J	mg/kg	169	2.67	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.69	0.267	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Vanadium, Total	16.4		mg/kg	0.847	0.172	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB
Zinc, Total	35.7		mg/kg	4.23	0.248	2	06/27/18 07:40	06/27/18 17:22	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.86	0.86	1		06/27/18 17:22	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06

Date Collected: 06/22/18 09:55

Client ID: 45-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Barium, TCLP	0.250	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Lead, TCLP	0.044	J	mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 15:23	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB
Zinc, TCLP	0.407	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:05	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-06

Date Collected: 06/22/18 09:55

Client ID: 45-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5920		mg/kg	9.07	2.45	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Antimony, Total	1.70	J	mg/kg	4.54	0.345	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Arsenic, Total	6.00		mg/kg	0.907	0.189	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Barium, Total	185		mg/kg	0.907	0.158	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Beryllium, Total	0.326	J	mg/kg	0.454	0.030	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Cadmium, Total	1.17		mg/kg	0.907	0.089	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Calcium, Total	29200		mg/kg	9.07	3.17	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Chromium, Total	15.6		mg/kg	0.907	0.087	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Cobalt, Total	5.30		mg/kg	1.81	0.150	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Copper, Total	54.5		mg/kg	0.907	0.234	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Iron, Total	12200		mg/kg	4.54	0.819	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Lead, Total	291		mg/kg	4.54	0.243	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Magnesium, Total	7270		mg/kg	9.07	1.40	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Manganese, Total	443		mg/kg	0.907	0.144	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Mercury, Total	0.366		mg/kg	0.076	0.016	1	06/26/18 08:00	06/26/18 21:01	EPA 7471B	1,7471B	EA
Nickel, Total	23.2		mg/kg	2.27	0.220	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Potassium, Total	818		mg/kg	227	13.1	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.907	0.257	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Sodium, Total	377		mg/kg	181	2.86	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.81	0.286	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Vanadium, Total	18.6		mg/kg	0.907	0.184	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB
Zinc, Total	252		mg/kg	4.54	0.266	2	06/27/18 07:40	06/27/18 17:27	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.94	0.94	1		06/27/18 17:27	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08

Date Collected: 06/22/18 10:05

Client ID: X45-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.019	J	mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Barium, TCLP	0.295	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Lead, TCLP	0.057	J	mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 15:24	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.042	J	mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB
Zinc, TCLP	0.266	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:10	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-08

Date Collected: 06/22/18 10:05

Client ID: X45-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4050		mg/kg	8.71	2.35	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.36	0.331	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Arsenic, Total	2.19		mg/kg	0.871	0.181	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Barium, Total	17.7		mg/kg	0.871	0.152	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Beryllium, Total	0.200	J	mg/kg	0.436	0.029	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Cadmium, Total	0.453	J	mg/kg	0.871	0.085	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Calcium, Total	753		mg/kg	8.71	3.05	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Chromium, Total	12.8		mg/kg	0.871	0.084	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Cobalt, Total	5.12		mg/kg	1.74	0.144	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Copper, Total	10.2		mg/kg	0.871	0.225	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Iron, Total	9550		mg/kg	4.36	0.786	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Lead, Total	14.2		mg/kg	4.36	0.233	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Magnesium, Total	1720		mg/kg	8.71	1.34	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Manganese, Total	237		mg/kg	0.871	0.138	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Mercury, Total	0.026	J	mg/kg	0.070	0.015	1	06/26/18 08:00	06/26/18 21:02	EPA 7471B	1,7471B	EA
Nickel, Total	26.3		mg/kg	2.18	0.211	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Potassium, Total	572		mg/kg	218	12.5	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.74	0.225	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.871	0.246	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Sodium, Total	60.7	J	mg/kg	174	2.74	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Vanadium, Total	17.6		mg/kg	0.871	0.177	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB
Zinc, Total	37.2		mg/kg	4.36	0.255	2	06/27/18 07:40	06/27/18 17:32	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	13		mg/kg	0.88	0.89	1		06/27/18 17:32	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10

Date Collected: 06/22/18 11:40

Client ID: 44-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Barium, TCLP	0.479	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 15:26	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB
Zinc, TCLP	0.556		mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:15	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-10

Date Collected: 06/22/18 11:40

Client ID: 44-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.48	2.56	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Antimony, Total	0.388	J	mg/kg	4.74	0.360	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Arsenic, Total	5.55		mg/kg	0.948	0.197	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Barium, Total	74.4		mg/kg	0.948	0.165	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Beryllium, Total	0.502		mg/kg	0.474	0.031	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Cadmium, Total	0.682	J	mg/kg	0.948	0.093	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Calcium, Total	3620		mg/kg	9.48	3.32	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Chromium, Total	13.9		mg/kg	0.948	0.091	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Cobalt, Total	5.55		mg/kg	1.90	0.157	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Copper, Total	16.0		mg/kg	0.948	0.244	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Iron, Total	13800		mg/kg	4.74	0.856	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Lead, Total	57.2		mg/kg	4.74	0.254	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Magnesium, Total	2230		mg/kg	9.48	1.46	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Manganese, Total	482		mg/kg	0.948	0.151	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Mercury, Total	0.218		mg/kg	0.077	0.016	1	06/26/18 08:00	06/26/18 21:04	EPA 7471B	1,7471B	EA
Nickel, Total	17.9		mg/kg	2.37	0.229	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Potassium, Total	494		mg/kg	237	13.6	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.90	0.244	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.948	0.268	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Sodium, Total	83.0	J	mg/kg	190	2.98	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.90	0.298	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Vanadium, Total	20.6		mg/kg	0.948	0.192	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
Zinc, Total	68.2		mg/kg	4.74	0.278	2	06/27/18 07:40	06/27/18 17:37	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14	J	mg/kg	0.98	0.98	1		06/27/18 17:37	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12

Date Collected: 06/22/18 11:50

Client ID: X44-WC (9-18)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/25/18 18:23

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Barium, TCLP	0.551		mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Lead, TCLP	0.047	J	mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 15:28	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.032	J	mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB
Zinc, TCLP	0.255	J	mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 21:20	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS**

Lab ID: L1823851-12

Date Collected: 06/22/18 11:50

Client ID: X44-WC (9-18)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8460		mg/kg	9.46	2.55	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Antimony, Total	0.397	J	mg/kg	4.73	0.359	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Arsenic, Total	3.43		mg/kg	0.946	0.197	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Barium, Total	35.4		mg/kg	0.946	0.164	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Beryllium, Total	0.322	J	mg/kg	0.473	0.031	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Cadmium, Total	0.511	J	mg/kg	0.946	0.093	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Calcium, Total	11800		mg/kg	9.46	3.31	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Chromium, Total	15.8		mg/kg	0.946	0.091	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Cobalt, Total	4.87		mg/kg	1.89	0.157	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Copper, Total	14.4		mg/kg	0.946	0.244	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Iron, Total	11100		mg/kg	4.73	0.854	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Lead, Total	28.1		mg/kg	4.73	0.253	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Magnesium, Total	4390		mg/kg	9.46	1.46	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Manganese, Total	231		mg/kg	0.946	0.150	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Mercury, Total	0.051	J	mg/kg	0.077	0.016	1	06/26/18 08:00	06/26/18 21:10	EPA 7471B	1,7471B	EA
Nickel, Total	25.2		mg/kg	2.36	0.229	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Potassium, Total	494		mg/kg	236	13.6	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.89	0.244	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.946	0.268	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Sodium, Total	56.9	J	mg/kg	189	2.98	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.89	0.298	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Vanadium, Total	19.6		mg/kg	0.946	0.192	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB
Zinc, Total	51.2		mg/kg	4.73	0.277	2	06/27/18 07:40	06/27/18 17:42	EPA 3050B	1,6010C	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	15	J	mg/kg	0.97	0.97	1	06/27/18 17:42	NA	107,-



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04,06,08,10,12 Batch: WG1129653-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/26/18 08:00	06/26/18 20:16	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130165-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Iron, Total	0.412	J	mg/kg	2.00	0.361	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/18 07:40	06/27/18 14:57	1,6010C	LC

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130279-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/27/18 11:18	06/27/18 14:55	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/25/18 18:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130300-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB
Zinc, TCLP	ND		mg/l	0.500	0.021	1	06/27/18 12:40	06/27/18 20:34	1,6010C	AB

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/25/18 18:23



Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1129653-2 SRM Lot Number: D098-540								
Mercury, Total	123		-		50-149	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130165-2 SRM Lot Number: D098-540					
Aluminum, Total	73	-	47-153	-	
Antimony, Total	164	-	6-194	-	
Arsenic, Total	107	-	83-117	-	
Barium, Total	93	-	82-118	-	
Beryllium, Total	94	-	83-117	-	
Cadmium, Total	112	-	82-117	-	
Calcium, Total	91	-	81-118	-	
Chromium, Total	97	-	83-119	-	
Cobalt, Total	108	-	84-116	-	
Copper, Total	98	-	84-116	-	
Iron, Total	90	-	60-140	-	
Lead, Total	105	-	82-117	-	
Magnesium, Total	87	-	76-124	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	111	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	108	-	78-121	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	96	-	74-126	-	
Thallium, Total	111	-	80-119	-	
Vanadium, Total	97	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130165-2 SRM Lot Number: D098-540					
Zinc, Total	106	-	81-119	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130279-2					
Mercury, TCLP	82	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130300-2					
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	98	-	75-125	-	20
Cadmium, TCLP	101	-	75-125	-	20
Chromium, TCLP	99	-	75-125	-	20
Copper, TCLP	98	-	75-125	-	20
Lead, TCLP	102	-	75-125	-	20
Nickel, TCLP	94	-	75-125	-	20
Selenium, TCLP	98	-	75-125	-	20
Silver, TCLP	98	-	75-125	-	20
Zinc, TCLP	99	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129653-3 QC Sample: L1823622-01 Client ID: MS Sample												
Mercury, Total	0.386	0.141	1.06	479	Q	-	-		80-120	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130165-3 QC Sample: L1824292-01 Client ID: MS Sample									
Aluminum, Total	4870	166	4810	0	Q	-	75-125	-	20
Antimony, Total	0.442J	41.4	33.2	80		-	75-125	-	20
Arsenic, Total	4.70	9.95	11.4	67	Q	-	75-125	-	20
Barium, Total	28.3	166	150	73	Q	-	75-125	-	20
Beryllium, Total	0.187J	4.14	3.30	80		-	75-125	-	20
Cadmium, Total	0.710	4.23	3.61	68	Q	-	75-125	-	20
Calcium, Total	45800	829	37900	0	Q	-	75-125	-	20
Chromium, Total	6.94	16.6	17.6	64	Q	-	75-125	-	20
Cobalt, Total	4.33	41.4	31.4	65	Q	-	75-125	-	20
Copper, Total	19.8	20.7	34.8	72	Q	-	75-125	-	20
Iron, Total	12700	82.9	10900	0	Q	-	75-125	-	20
Lead, Total	27.7	42.3	52.7	59	Q	-	75-125	-	20
Magnesium, Total	4620	829	5000	46	Q	-	75-125	-	20
Manganese, Total	512.	41.4	444	0	Q	-	75-125	-	20
Nickel, Total	10.2	41.4	37.1	65	Q	-	75-125	-	20
Potassium, Total	335.	829	963	76		-	75-125	-	20
Selenium, Total	ND	9.95	7.98	80		-	75-125	-	20
Silver, Total	ND	24.9	22.1	89		-	75-125	-	20
Sodium, Total	99.7	829	744	78		-	75-125	-	20
Thallium, Total	ND	9.95	6.14	62	Q	-	75-125	-	20
Vanadium, Total	9.90	41.4	41.0	75		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130165-3 QC Sample: L1824292-01 Client ID: MS Sample									
Zinc, Total	35.0	41.4	62.0	65	Q	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130279-3 QC Sample: L1823851-01 Client ID: 46-WC (0-9)									
Mercury, TCLP	ND	0.025	0.0211	84	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130300-3 QC Sample: L1823851-01 Client ID: 46-WC (0-9)									
Arsenic, TCLP	ND	1.2	1.30	108	-	-	75-125	-	20
Barium, TCLP	0.319J	20	20.2	101	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.527	103	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.01	100	-	-	75-125	-	20
Copper, TCLP	ND	2.5	2.56	102	-	-	75-125	-	20
Lead, TCLP	ND	5.1	5.40	106	-	-	75-125	-	20
Nickel, TCLP	ND	5	4.87	97	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.27	106	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.508	102	-	-	75-125	-	20
Zinc, TCLP	0.296J	5	5.32	106	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129653-4 QC Sample: L1823622-01 Client ID: DUP Sample						
Mercury, Total	0.386	0.834	mg/kg	73	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130165-4 QC Sample: L1824292-01 Client ID: DUP Sample						
Arsenic, Total	4.70	3.32	mg/kg	34	Q	20
Barium, Total	28.3	25.8	mg/kg	9		20
Cadmium, Total	0.710	0.554	mg/kg	25	Q	20
Chromium, Total	6.94	5.53	mg/kg	23	Q	20
Lead, Total	27.7	23.9	mg/kg	15		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130279-4 QC Sample: L1823851-01 Client ID: 46-WC (0-9)						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130300-4 QC Sample: L1823851-01 Client ID: 46-WC (0-9)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.319J	0.317J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Copper, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Nickel, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
Zinc, TCLP	0.296J	0.288J	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-04
Client ID: X46-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-10
Client ID: 44-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-12
Client ID: X44-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/26/18 05:09	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-01
Client ID: 46-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:00
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.46		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	11		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	0.31	J	mg/kg	1.1	0.24	1	06/25/18 15:35	06/26/18 11:26	1,9010C/9012B	LH
pH (H)	8.6		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	1460		mg/kg	239	239.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.955	0.191	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:02	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:12	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-02**Client ID:** 46-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 08:55**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-03**Client ID:** X46-WC (11-12)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 09:05**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-04
Client ID: X46-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:10
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	4.95		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	4.8		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/25/18 15:35	06/26/18 11:29	1,9010C/9012B	LH
pH (H)	7.5		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	23100		mg/kg	216	216.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.863	0.172	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:03	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:13	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-05**Client ID:** 45-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 09:50**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-06
Client ID: 45-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 09:55
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.46		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	3.6		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/25/18 15:35	06/26/18 11:30	1,9010C/9012B	LH
pH (H)	10.3		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	1130		mg/kg	236	236.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.943	0.189	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:03	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:13	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-07**Client ID:** X45-WC (13-14)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 10:00**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-08
Client ID: X45-WC (9-19)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 10:05
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	4.93		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	2.8		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/25/18 15:35	06/26/18 11:31	1,9010C/9012B	LH
pH (H)	7.7		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	8000		mg/kg	221	221.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.885	0.177	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 08:53	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 09:04	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-09**Client ID:** 44-WC (3-4)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 11:35**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-10
Client ID: 44-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:40
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.17		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	13		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.24	1	06/25/18 15:35	06/26/18 11:32	1,9010C/9012B	LH
pH (H)	8.0		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	330		mg/kg	244	244.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	0.293	J	mg/kg	0.978	0.196	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 08:53	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 09:05	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1823851**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-11**Client ID:** X44-WC (12-13)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/22/18 11:45**Date Received:** 06/22/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	06/23/18 13:23	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-12
Client ID: X44-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/22/18 11:50
Date Received: 06/22/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.11		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	06/23/18 12:25	121,2540G	RI
Solids, Total Volatile	3.6		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/25/18 15:35	06/26/18 11:33	1,9010C/9012B	LH
pH (H)	9.8		SU	-	NA	1	-	06/25/18 18:29	1,9045D	AS
Oil & Grease, Hem-Grav	17200		mg/kg	242	242.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
Chromium, Hexavalent	0.339	J	mg/kg	0.968	0.194	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 08:54	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 09:06	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-13

Date Collected: 06/22/18 09:00

Client ID: ASTM LEACHATE 46-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	250		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:09	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:05	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-14**Date Collected:** 06/22/18 09:10**Client ID:** ASTM LEACHATE X46-WC (9-19)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	38.		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	0.064	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:09	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:05	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-15

Date Collected: 06/22/18 09:55

Client ID: ASTM LEACHATE 45-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	310		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	0.029	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:10	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:06	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.4	4.4	1.1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-16

Date Collected: 06/22/18 10:05

Client ID: ASTM LEACHATE X45-WC (9-19)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	110		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	0.114		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:11	121,4500NH3-BH	AT
Chemical Oxygen Demand	10.	J	mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:06	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.4	4.4	1.1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1823851

Project Number: 2861.0001Y000

Report Date: 07/02/18

SAMPLE RESULTS

Lab ID: L1823851-17

Date Collected: 06/22/18 11:40

Client ID: ASTM LEACHATE 44-WC (0-9)

Date Received: 06/22/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	120		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:15	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:06	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18**SAMPLE RESULTS****Lab ID:** L1823851-18**Date Collected:** 06/22/18 11:50**Client ID:** ASTM LEACHATE X44-WC (9-18)**Date Received:** 06/22/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	50.		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
Nitrogen, Ammonia	0.044	J	mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:16	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/26/18 10:00	06/26/18 13:06	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1823851**Project Number:** 2861.0001Y000**Report Date:** 07/02/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 13-18 Batch: WG1129423-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/25/18 14:00	06/25/18 21:03	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1129448-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/25/18 15:35	06/26/18 11:16	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 13-18 Batch: WG1129677-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/26/18 10:50	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1129678-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/26/18 09:35	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 13-18 Batch: WG1129751-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/26/18 10:00	06/26/18 12:58	121,5220D	SD
General Chemistry - Westborough Lab for sample(s): 13-18 Batch: WG1129995-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/26/18 18:30	06/26/18 19:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1129997-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/26/18 17:30	06/26/18 23:30	1,9071B	ML
General Chemistry - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130057-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/26/18 21:40	06/27/18 13:20	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 01,04,06 Batch: WG1130097-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 05:08	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 01,04,06 Batch: WG1130098-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 03:25	06/27/18 04:58	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 08,10,12 Batch: WG1130120-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 08:51	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 08,10,12 Batch: WG1130121-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 06:05	06/27/18 09:03	125,7.3	JD
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,04,06,08,10,12 Batch: WG1130526-1										
pH, Extraction Post-Filtration	4.88		SU	-	NA	1	-	06/26/18 10:23	1,1311	TN

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

Report Date: 07/02/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13-18 Batch: WG1129423-2								
Nitrogen, Ammonia	98		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1129448-2 WG1129448-3								
Cyanide, Total	65	Q	82		80-120	19		35
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1129527-1								
pH	101		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 13-18 Batch: WG1129677-2								
Solids, Total	101		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 13-18 Batch: WG1129751-2								
Chemical Oxygen Demand	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 13-18 Batch: WG1129995-2								
Oil & Grease, Hem-Grav	96		-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1129997-2								
Oil & Grease, Hem-Grav	96		-		64-132	-		34

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1823851
Report Date: 07/02/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits	
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 Batch: WG1130057-2						
Chromium, Hexavalent	79	Q	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06 Batch: WG1130097-2						
Sulfide, Reactive	118		-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 01,04,06 Batch: WG1130098-2						
Cyanide, Reactive	99		-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 08,10,12 Batch: WG1130120-2						
Cyanide, Reactive	76		-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 08,10,12 Batch: WG1130121-2						
Sulfide, Reactive	115		-	60-125	-	40

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1823851

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Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129423-4 QC Sample: L1823532-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.625	4	3.79	79	Q	-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129448-4 WG1129448-5 QC Sample: L1823851-01 Client ID: 46-WC (0-9)												
Cyanide, Total	0.31J	12	11	91		12	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129751-3 QC Sample: L1823618-01 Client ID: MS Sample												
Chemical Oxygen Demand	540	476	970	90		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129995-4 QC Sample: L1823524-01 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	36	90		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129997-4 QC Sample: L1823622-21 Client ID: MS Sample												
Oil & Grease, Hem-Grav	18300	4580	22000	81		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130057-4 QC Sample: L1823851-06 Client ID: 45-WC (0-9)												
Chromium, Hexavalent	ND	1080	1020	94		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-03,05,07,09,11 QC Batch ID: WG1129086-1 QC Sample: L1823851-02 Client ID: 46-WC (0-1)						
Solids, Total	91.9	92.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129102-1 QC Sample: L1823842-01 Client ID: DUP Sample						
Solids, Total	83.2	82.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129423-3 QC Sample: L1823532-01 Client ID: DUP Sample						
Nitrogen, Ammonia	0.625	0.658	mg/l	5		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129527-2 QC Sample: L1822840-01 Client ID: DUP Sample						
pH	7.6	7.5	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129677-3 QC Sample: L1823851-13 Client ID: ASTM LEACHATE 46-WC (0-9)						
Solids, Total	250	270	mg/l	8		16
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129678-2 QC Sample: L1823851-01 Client ID: 46-WC (0-9)						
Solids, Total Volatile	11.	6.2	%	56	Q	11
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129751-4 QC Sample: L1823618-01 Client ID: DUP Sample						
Chemical Oxygen Demand	540	530	mg/l	2		12
General Chemistry - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG1129995-3 QC Sample: L1823520-01 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18

Lab Duplicate Analysis *Batch Quality Control*

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Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1129997-3 QC Sample: L1823622-21 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	18300	18300	mg/kg	0	34
General Chemistry - Westborough Lab Associated sample(s): 01,04,06,08,10,12 QC Batch ID: WG1130057-6 QC Sample: L1823851-06 Client ID: 45-WC (0-9)					
Chromium, Hexavalent	ND	0.212J	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 01,04,06 QC Batch ID: WG1130097-3 QC Sample: L1824017-01 Client ID: DUP Sample					
Sulfide, Reactive	26.	14	mg/kg	60 Q	40
General Chemistry - Westborough Lab Associated sample(s): 01,04,06 QC Batch ID: WG1130098-3 QC Sample: L1824017-01 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 08,10,12 QC Batch ID: WG1130120-3 QC Sample: L1823851-08 Client ID: X45-WC (9-19)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 08,10,12 QC Batch ID: WG1130121-3 QC Sample: L1823851-08 Client ID: X45-WC (9-19)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
D Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823851-01B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-01C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-01D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-01S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-01T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-01V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-01W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-01W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-01X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-01X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-01Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-01Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-02A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-02B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-02C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-02D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7)
L1823851-02E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L1823851-02S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-02T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-02X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-02Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-02Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-03A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-03B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-03C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-03D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7),ARCHIVE()
L1823851-03E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		-
L1823851-03S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-03T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-03X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-03Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-03Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-04A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823851-04B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14),ARCHIVE()
L1823851-04C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-04D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-04S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-04T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-04V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-04W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-04W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-04X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-04X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-04Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14),ARCHIVE()
L1823851-04Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14),ARCHIVE()
L1823851-05A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-05B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-05C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-05D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7)
L1823851-05E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L1823851-05S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-05T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-05X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-05Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-05Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-06A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823851-06B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		ARCHIVE()

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-06C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-06D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-06S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-06T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-06V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-06W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-06W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-06X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-06X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-06Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-06Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-07A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-07B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-07C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-07D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7)
L1823851-07E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L1823851-07S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-07T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-07X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-07Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-07Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-08A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1823851-08B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-08C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-08D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-08S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-08T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-08V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-08W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-08W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-08X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-08X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-08Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-08Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-09A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-09B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-09C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-09D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7)
L1823851-09E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L1823851-09S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-09T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-09X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-09Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-09Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-10A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823851-10B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-10C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-10D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-10S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-10T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-10V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-10W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-10W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-10X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-10X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-10Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-10Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-11A	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-11B	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-11C	5 gram Encore Sampler	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-11D	Plastic 2oz unpreserved for TS	D	NA		2.9	Y	Absent		TS(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-11E	Vial Large Septa unpreserved (4oz)	D	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L1823851-11S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-11T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-VOA(14)
L1823851-11X	Vial MeOH preserved split	D	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L1823851-11Y	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-11Z	Vial Water preserved split	D	NA		2.9	Y	Absent	23-JUN-18 12:24	NYTCL-8260HLW(14)
L1823851-12A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1823851-12B	Glass 120ml/4oz unpreserved	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-12C	Glass 250ml/8oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-12D	Glass 500ml/16oz unpreserved	D	NA		2.9	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),PH-TCLP(180),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1823851-12S	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-12T	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		-
L1823851-12V9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-12W	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1823851-12W9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-12X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1823851-12X9	Tumble Vessel	D	NA		2.9	Y	Absent		-
L1823851-12Y	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()
L1823851-12Z	Vial unpreserved Extracts	D	NA		2.9	Y	Absent		ARCHIVE()

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1823851-13A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-13A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-13A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-13B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-13C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-13D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-13E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-
L1823851-14A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-14A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-14A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-14B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-14C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-14D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-14E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-
L1823851-15A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-15A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-15A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-15B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-15C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-15D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-15E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-
L1823851-16A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-16A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-16A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)

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L1823851-16B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-16C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-16D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-16E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-
L1823851-17A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-17A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-17A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-17B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-17C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-17D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-17E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-
L1823851-18A	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-18A1	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-18A2	Amber 1000ml unpreserved Extracts	D	NA		2.9	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1823851-18B	Plastic 500ml H2SO4 preserved split	D	NA		2.9	Y	Absent		COD-5220(28),NH3-4500(28)
L1823851-18C	Amber 1000ml HCl preserved split	D	NA		2.9	Y	Absent		OG-1664(28)
L1823851-18D	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		TSC-2540(7)
L1823851-18E	Plastic 250ml unpreserved split	D	NA		2.9	Y	Absent		-

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

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projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 36 Whitney Rd, Suite 6 Albany, NY 12206: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd In Lab <u>6/22/18</u>		ALPHA Job # <u>L1823851</u>			
		Project Information Project Name: <u>Former Kristal Auto Mall</u> Project Location: <u>5200 Kings Highway, Brooklyn, NY 10021</u> Project # <u>2861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #					
Client Information Client: <u>Roux Env. Eng. & Geology, DPC</u> Address: <u>209 Shafter St</u> <u>Islandia, New York 11749</u> Phone: <u>(631)232-2600</u> Fax: <u>(631)232-9898</u> Email: <u>wshen@rouxinc.com</u>		Project Manager: <u>Roux: Wendy Shen / Alpha: Karyn Raymond</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☒ NJ ☒ NY ☐ Other:					
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments: <u>Please cc all sample results to rhenke@rouxinc.com.</u>		ANALYSIS NJTPH-C44/NJEHP TCL VOCs + 10 8260C / TCLP VOCs SVOC 8270D Pest 8081B / PCB 8082A TAL Metals 6010C/7471B/ HexChrom/TrChrom Total Solids/ Total Cyanide Haz Waste Char Form U / TCLP Complete Analysis		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)					
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments	
23851-01-13		46-WC (0-9)		06/22/18 0900		SOIL		CW		4	
-02		46-WC (0-1)		06/22/18 0855		SOIL		CW		5	
-03		X46-WC (11-12)		6/22/18 0905		SOIL		CW		5	
-04, -14		X46-WC (9-19)		6/22/18 0910		SOIL		CW		4	
-05		45-WC (0-1)		6/22/18 0950		SOIL		CW		5	
-06, -15		45-WC (0-9)		6/22/18 0955		SOIL		CW		4	
-07		X45-WC (13-14)		6/22/18 1000		SOIL		CW		5	
-08, -16		X45-WC (9-19)		6/22/18 1005		SOIL		CW		4	
-09		44-WC (3-4)		6/22/18 1135		SOIL		CW		5	
-10, -17		44-WC (0-9)		6/22/18 1140		SOIL		CW		4	
-11		X44-WC (12-13)		6/22/18 1145		SOIL		CW		5	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A E/A A A A A A A A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>1570 6/22/18</u>		Received By: <u>[Signature]</u>		Date/Time: <u>6/22 1570</u>		Relinquished By: <u>[Signature]</u>		Date/Time: <u>6/22/18 1845</u>	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>6/22/18 2345</u>		Received By: <u>[Signature]</u>		Date/Time: <u>6/22/18 2345</u>		Relinquished By: <u>[Signature]</u>		Date/Time: <u>6/22/18 2345</u>	

[illegible]



ANALYTICAL REPORT

Lab Number:	L1824054
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	07/05/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1824054-01	59/60-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:00	06/25/18
L1824054-02	59-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:05	06/25/18
L1824054-03	49/50-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 13:00	06/25/18
L1824054-04	49-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 13:05	06/25/18
L1824054-05	20/30-WC (0-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:20	06/25/18
L1824054-06	30-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:30	06/25/18
L1824054-07	37-WC (4-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:37	06/25/18
L1824054-08	37-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:40	06/25/18
L1824054-09	X34-WC (9-18)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:50	06/25/18
L1824054-10	X34-WC (14-15)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:45	06/25/18
L1824054-11	35-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:10	06/25/18
L1824054-12	34-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:20	06/25/18
L1824054-13	34-WC (5-6)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:25	06/25/18
L1824054-14	35-WC (5-6)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:05	06/25/18
L1824054-15	36-WC (6-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:35	06/25/18
L1824054-16	36-WC (0-9)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:37	06/25/18
L1824054-17	X36-WC (13-14)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:07	06/25/18
L1824054-18	X36/X37-WC (9-14)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:10	06/25/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1824054-19	X35-WC (9-18)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:22	06/25/18
L1824054-20	X35-WC (11-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:20	06/25/18
L1824054-21	17/27-WC (0-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:18	06/25/18
L1824054-22	27-WC (10-11)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:15	06/25/18
L1824054-23	38/39-WC (0-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 15:00	06/25/18
L1824054-24	38-WC (3-4)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:55	06/25/18
L1824054-25	ASTM LEACHATE OF 59/60- WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:00	06/25/18
L1824054-26	ASTM LEACHATE OF 49/50- WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 13:00	06/25/18
L1824054-27	ASTM LEACHATE OF 20/30- WC (0-8)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:20	06/25/18
L1824054-28	ASTM LEACHATE OF 37-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:40	06/25/18
L1824054-29	ASTM LEACHATE OF 34-WC (9-18)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:50	06/25/18
L1824054-30	ASTM LEACHATE OF 34-WC (14-15)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:45	06/25/18
L1824054-31	ASTM LEACHATE OF 35-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:10	06/25/18
L1824054-32	ASTM LEACHATE OF 34-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:20	06/25/18
L1824054-33	ASTM LEACHATE OF 36-WC (0-9)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:37	06/25/18
L1824054-34	ASTM LEACHATE OF X36/X37-WC (9-14)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 11:10	06/25/18
L1824054-35	ASTM LEACHATE OF X35-WC (9-18)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 09:22	06/25/18
L1824054-36	ASTM LEACHATE OF 17/27- WC (0-11)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 14:18	06/25/18
L1824054-37	ASTM LEACHATE OF 38/39- WC (0-8)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/25/18 15:00	06/25/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1824054-10 and -30: The analyses performed were specified by the client.

Volatile Organics

L1824054-14: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (60%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L1824054-24: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (62%), possibly due to the matrix effect caused by the high pH of the sample (>10).

TCLP Volatiles

L1824054-10, -13, -14, -15, -17, -20, -22 and -24: The ambient temperature of the area in which the TCLP extraction of the samples and associated Method Blank was performed was outside the required 21-25 degrees C temperature range.

Petroleum Hydrocarbon Quantitation

The WG1130566 MS was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Total Metals

L1824054-01, -03, -05, -08, -09, -11, -12, -16, -18, -19, -21 and -23: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1131963-3 MS recoveries for aluminum (292%), calcium (0%), iron (0%) and manganese (0%),

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Case Narrative (continued)

performed on L1824054-23, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1131963-3 MS recoveries, performed on L1824054-23, are outside the acceptance criteria for arsenic (66%), copper (74%) and lead (74%). A post digestion spike was performed and was within acceptance criteria. The WG1131963-4 Laboratory Duplicate RPDs for calcium (58%), magnesium (22%), potassium (23%) and vanadium (43%), performed on L1824054-23, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Oil & Grease, Hem-Grav

L1824054-25 through -29 and -31 through -37: The samples were received above the appropriate pH for the Oil & Grease analysis. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1129967-3 LCSD recovery (72%), associated with L1824054-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1130241-2/-3 LCS/LCSD recoveries (75%/72%), associated with L1824054-03, -05, -08, -09, and -11, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1130242-2/-3 LCS/LCSD recoveries (75%/71%), associated with L1824054-12, -16, -18, -19, -21, and -23, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1130480-2 LCS recovery (76%), associated with L1824054-01, -03, -05, -08, -09, -11, -12, -16, -18, and -19, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1130481-2 LCS recovery (76%), associated with L1824054-21 and -23, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

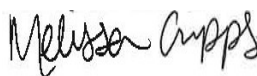
Lab Number: L1824054
Report Date: 07/05/18

Case Narrative (continued)

reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Melissa Cripps

Title: Technical Director/Representative

Date: 07/05/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-02
 Client ID: 59-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 12:42
 Analyst: NLK
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/27/18 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	102		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-02
 Client ID: 59-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 13:58
 Analyst: BD
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-02**Date Collected:** 06/25/18 11:05**Client ID:** 59-WC (0-1)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-02**Date Collected:** 06/25/18 11:05**Client ID:** 59-WC (0-1)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.8	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Acrolein	ND		ug/kg	28	6.3	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	110	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Tentatively Identified Compounds

Total TIC Compounds	2.34	J	ug/kg	1
Unknown	2.34	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-04
 Client ID: 49-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 13:08
 Analyst: NLK
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/27/18 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	114		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-04
 Client ID: 49-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 12:13
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-04**Date Collected:** 06/25/18 13:05**Client ID:** 49-WC (1-2)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	0.84	J	ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-04**Date Collected:** 06/25/18 13:05**Client ID:** 49-WC (1-2)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Acrolein	ND		ug/kg	30	6.8	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	120	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Tentatively Identified Compounds

Total TIC Compounds	3.32	J	ug/kg	1
Unknown	3.32	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-06
 Client ID: 30-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:30
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 13:33
 Analyst: NLK
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 06/27/18 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	113		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-06
 Client ID: 30-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:30
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 12:40
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.28	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-06**Date Collected:** 06/25/18 14:30**Client ID:** 30-WC (1-2)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-06**Date Collected:** 06/25/18 14:30**Client ID:** 30-WC (1-2)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	29	7.5	1
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
Methyl Acetate	ND		ug/kg	5.8	1.4	1
Acrolein	ND		ug/kg	36	8.2	1
Cyclohexane	ND		ug/kg	14	0.79	1
1,4-Dioxane	ND		ug/kg	140	51.	1
Freon-113	ND		ug/kg	5.8	1.0	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Methyl cyclohexane	ND		ug/kg	5.8	0.88	1

Tentatively Identified Compounds

Total TIC Compounds	3.29	J	ug/kg	1
Unknown	3.29	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-07
Client ID: 37-WC (4-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/28/18 13:59
Analyst: NLK
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/27/18 15:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	113		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-07
 Client ID: 37-WC (4-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 14:24
 Analyst: BD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-07**Date Collected:** 06/25/18 11:37**Client ID:** 37-WC (4-5)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.71	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.92	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-07**Date Collected:** 06/25/18 11:37**Client ID:** 37-WC (4-5)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	28	7.3	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.48	1
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Acrolein	ND		ug/kg	36	8.0	1
Cyclohexane	ND		ug/kg	14	0.77	1
1,4-Dioxane	ND		ug/kg	140	50.	1
Freon-113	ND		ug/kg	5.7	0.99	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Tentatively Identified Compounds

Total TIC Compounds	3.45	J	ug/kg	1
Unknown	3.45	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	99		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-10
 Client ID: X34-WC (14-15)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:45
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 12:38
 Analyst: MKS
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	111		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-10
 Client ID: X34-WC (14-15)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:45
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 14:50
 Analyst: BD
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	0.24	J	ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	8.5		ug/kg	1.2	0.39	1
Chloroethane	2.7		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-10
 Client ID: X34-WC (14-15)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:45
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	8.5		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	26		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-10**Date Collected:** 06/25/18 09:45**Client ID:** X34-WC (14-15)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	23	5.9	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Acrolein	ND		ug/kg	29	6.5	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	120	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Tentatively Identified Compounds

Total TIC Compounds	2.68	J	ug/kg	1
Unknown	2.68	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-13
Client ID: 34-WC (5-6)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:25
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/29/18 13:04
Analyst: MKS
Percent Solids: 92%
TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
dibromofluoromethane	113		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-13
 Client ID: 34-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:25
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 13:06
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-13**Date Collected:** 06/25/18 09:25**Client ID:** 34-WC (5-6)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.90	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-13**Date Collected:** 06/25/18 09:25**Client ID:** 34-WC (5-6)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	28	7.1	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Acrolein	ND		ug/kg	35	7.8	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	140	49.	1
Freon-113	ND		ug/kg	5.5	0.96	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1
Methyl cyclohexane	ND		ug/kg	5.5	0.84	1

Tentatively Identified Compounds

Total TIC Compounds	9.37	J	ug/kg	1
Unknown	2.87	J	ug/kg	1
Unknown	3.02	J	ug/kg	1
Unknown Alkane	3.48	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-14
 Client ID: 35-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 13:30
 Analyst: MKS
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	112		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-14
 Client ID: 35-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:05
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 13:32
 Analyst: JC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.28	1
Chlorobenzene	ND		ug/kg	0.73	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.4	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-14**Date Collected:** 06/25/18 09:05**Client ID:** 35-WC (5-6)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	40		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.25	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.8	0.95	1
Acrylonitrile	ND		ug/kg	5.8	1.7	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-14**Date Collected:** 06/25/18 09:05**Client ID:** 35-WC (5-6)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	29	7.5	1
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
Methyl Acetate	ND		ug/kg	5.8	1.4	1
Acrolein	ND		ug/kg	36	8.2	1
Cyclohexane	ND		ug/kg	14	0.79	1
1,4-Dioxane	ND		ug/kg	140	51.	1
Freon-113	ND		ug/kg	5.8	1.0	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1
Methyl cyclohexane	ND		ug/kg	5.8	0.88	1

Tentatively Identified Compounds

Total TIC Compounds	10.0	J	ug/kg	1
Unknown	3.79	J	ug/kg	1
Unknown	3.26	J	ug/kg	1
Unknown	2.97	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	60	Q	70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-15
 Client ID: 36-WC (6-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:35
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 13:56
 Analyst: MKS
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	116		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-15
 Client ID: 36-WC (6-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:35
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 15:17
 Analyst: BD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-15**Date Collected:** 06/25/18 09:35**Client ID:** 36-WC (6-7)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	5.6		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-15**Date Collected:** 06/25/18 09:35**Client ID:** 36-WC (6-7)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	21	5.5	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Acrolein	ND		ug/kg	27	6.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	37.	1
Freon-113	ND		ug/kg	4.3	0.74	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Methyl cyclohexane	ND		ug/kg	4.3	0.64	1

Tentatively Identified Compounds

Total TIC Compounds	10.5	J	ug/kg	1
Unknown Naphthalene	4.37	J	ug/kg	1
Unknown Aromatic	3.50	J	ug/kg	1
Unknown	2.66	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-17
 Client ID: X36-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:07
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 14:22
 Analyst: MKS
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	92		70-130
dibromofluoromethane	114		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-17 D
 Client ID: X36-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:07
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 17:03
 Analyst: BD
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	570	4
1,1-Dichloroethane	ND		ug/kg	250	36.	4
Chloroform	ND		ug/kg	370	35.	4
Carbon tetrachloride	ND		ug/kg	250	57.	4
1,2-Dichloropropane	ND		ug/kg	250	31.	4
Dibromochloromethane	ND		ug/kg	250	35.	4
1,1,2-Trichloroethane	ND		ug/kg	250	67.	4
Tetrachloroethene	ND		ug/kg	120	49.	4
Chlorobenzene	ND		ug/kg	120	32.	4
Trichlorofluoromethane	ND		ug/kg	1000	170	4
1,2-Dichloroethane	ND		ug/kg	250	64.	4
1,1,1-Trichloroethane	ND		ug/kg	120	42.	4
Bromodichloromethane	ND		ug/kg	120	27.	4
trans-1,3-Dichloropropene	ND		ug/kg	250	68.	4
cis-1,3-Dichloropropene	ND		ug/kg	120	39.	4
1,3-Dichloropropene, Total	ND		ug/kg	120	39.	4
1,1-Dichloropropene	ND		ug/kg	120	40.	4
Bromoform	ND		ug/kg	1000	61.	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	41.	4
Benzene	320		ug/kg	120	41.	4
Toluene	17000		ug/kg	250	140	4
Ethylbenzene	5800		ug/kg	250	35.	4
Chloromethane	ND		ug/kg	1000	230	4
Bromomethane	ND		ug/kg	500	140	4
Vinyl chloride	ND		ug/kg	250	84.	4
Chloroethane	ND		ug/kg	500	110	4
1,1-Dichloroethene	ND		ug/kg	250	59.	4
trans-1,2-Dichloroethene	ND		ug/kg	370	34.	4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-17 D
 Client ID: X36-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:07
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	120	34.	4
1,2-Dichlorobenzene	ND		ug/kg	500	36.	4
1,3-Dichlorobenzene	ND		ug/kg	500	37.	4
1,4-Dichlorobenzene	ND		ug/kg	500	43.	4
Methyl tert butyl ether	97	J	ug/kg	500	50.	4
p/m-Xylene	22000		ug/kg	500	140	4
o-Xylene	9400		ug/kg	250	73.	4
Xylenes, Total	31000		ug/kg	250	73.	4
cis-1,2-Dichloroethene	7400		ug/kg	250	44.	4
1,2-Dichloroethene, Total	7400		ug/kg	250	34.	4
Dibromomethane	ND		ug/kg	500	59.	4
Styrene	100	J	ug/kg	250	49.	4
Dichlorodifluoromethane	ND		ug/kg	2500	230	4
Acetone	ND		ug/kg	2500	1200	4
Carbon disulfide	ND		ug/kg	2500	1100	4
2-Butanone	ND		ug/kg	2500	550	4
Vinyl acetate	ND		ug/kg	2500	540	4
4-Methyl-2-pentanone	ND		ug/kg	2500	320	4
1,2,3-Trichloropropane	400	J	ug/kg	500	32.	4
2-Hexanone	ND		ug/kg	2500	290	4
Bromochloromethane	ND		ug/kg	500	51.	4
2,2-Dichloropropane	ND		ug/kg	500	50.	4
1,2-Dibromoethane	ND		ug/kg	250	70.	4
1,3-Dichloropropane	ND		ug/kg	500	42.	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	120	33.	4
Bromobenzene	ND		ug/kg	500	36.	4
n-Butylbenzene	1300		ug/kg	250	42.	4
sec-Butylbenzene	ND		ug/kg	250	36.	4
tert-Butylbenzene	ND		ug/kg	500	29.	4
o-Chlorotoluene	ND		ug/kg	500	48.	4
p-Chlorotoluene	ND		ug/kg	500	27.	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	750	250	4
Hexachlorobutadiene	ND		ug/kg	1000	42.	4
Isopropylbenzene	1000		ug/kg	250	27.	4
p-Isopropyltoluene	260		ug/kg	250	27.	4
Naphthalene	10000		ug/kg	1000	160	4
Acrylonitrile	ND		ug/kg	1000	290	4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-17 D
 Client ID: X36-WC (13-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:07
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	5000	1300	4
n-Propylbenzene	3200		ug/kg	250	43.	4
1,2,3-Trichlorobenzene	ND		ug/kg	500	80.	4
1,2,4-Trichlorobenzene	ND		ug/kg	500	68.	4
1,3,5-Trimethylbenzene	7100		ug/kg	500	48.	4
1,2,4-Trimethylbenzene	24000		ug/kg	500	83.	4
Methyl Acetate	ND		ug/kg	1000	240	4
Acrolein	ND		ug/kg	6200	1400	4
Cyclohexane	1200	J	ug/kg	2500	140	4
1,4-Dioxane	ND		ug/kg	25000	8800	4
Freon-113	ND		ug/kg	1000	170	4
p-Diethylbenzene	11000		ug/kg	500	44.	4
p-Ethyltoluene	16000		ug/kg	500	96.	4
1,2,4,5-Tetramethylbenzene	4700		ug/kg	500	48.	4
Ethyl ether	ND		ug/kg	500	85.	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	1200	350	4
Methyl cyclohexane	1700		ug/kg	1000	150	4

Tentatively Identified Compounds

Total TIC Compounds	74500	J	ug/kg	4
Unknown Aromatic	9990	J	ug/kg	4
Unknown Aromatic	6910	J	ug/kg	4
Unknown Aromatic	9100	J	ug/kg	4
Unknown	12400	J	ug/kg	4
Unknown Benzene	7430	J	ug/kg	4
Unknown Alkane	5360	J	ug/kg	4
Unknown Aromatic	4990	J	ug/kg	4
Unknown Benzene	7860	J	ug/kg	4
Unknown Alkane	4650	J	ug/kg	4
Unknown Benzene	5830	J	ug/kg	4

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-17 D

Date Collected: 06/25/18 11:07

Client ID: X36-WC (13-14)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-20
 Client ID: X35-WC (11-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 14:48
 Analyst: MKS
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	101		70-130
dibromofluoromethane	113		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-20
 Client ID: X35-WC (11-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:33
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	57	8.2	1
Chloroform	ND		ug/kg	85	8.0	1
Carbon tetrachloride	ND		ug/kg	57	13.	1
1,2-Dichloropropane	ND		ug/kg	57	7.1	1
Dibromochloromethane	ND		ug/kg	57	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	57	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.2	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	57	15.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.5	1
Bromodichloromethane	ND		ug/kg	28	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	57	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	9.0	1
1,3-Dichloropropene, Total	ND		ug/kg	28	9.0	1
1,1-Dichloropropene	ND		ug/kg	28	9.0	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.4	1
Benzene	ND		ug/kg	28	9.4	1
Toluene	60		ug/kg	57	31.	1
Ethylbenzene	540		ug/kg	57	8.0	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	57	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	57	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	85	7.8	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-20
 Client ID: X35-WC (11-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	28	7.8	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.4	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.7	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	1600		ug/kg	110	32.	1
o-Xylene	43	J	ug/kg	57	16.	1
Xylenes, Total	1600	J	ug/kg	57	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	57	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	57	7.8	1
Dibromomethane	ND		ug/kg	110	14.	1
Styrene	ND		ug/kg	57	11.	1
Dichlorodifluoromethane	ND		ug/kg	570	52.	1
Acetone	ND		ug/kg	570	270	1
Carbon disulfide	ND		ug/kg	570	260	1
2-Butanone	ND		ug/kg	570	130	1
Vinyl acetate	ND		ug/kg	570	120	1
4-Methyl-2-pentanone	ND		ug/kg	570	73.	1
1,2,3-Trichloropropane	ND		ug/kg	110	7.2	1
2-Hexanone	ND		ug/kg	570	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	57	16.	1
1,3-Dichloropropane	ND		ug/kg	110	9.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	28	7.5	1
Bromobenzene	ND		ug/kg	110	8.2	1
n-Butylbenzene	380		ug/kg	57	9.5	1
sec-Butylbenzene	130		ug/kg	57	8.3	1
tert-Butylbenzene	ND		ug/kg	110	6.7	1
o-Chlorotoluene	ND		ug/kg	110	11.	1
p-Chlorotoluene	ND		ug/kg	110	6.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Hexachlorobutadiene	ND		ug/kg	230	9.6	1
Isopropylbenzene	150		ug/kg	57	6.2	1
p-Isopropyltoluene	100		ug/kg	57	6.2	1
Naphthalene	2100		ug/kg	230	37.	1
Acrylonitrile	ND		ug/kg	230	65.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-20**Date Collected:** 06/25/18 09:20**Client ID:** X35-WC (11-12)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1100	290	1
n-Propylbenzene	620		ug/kg	57	9.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	2000		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	6300		ug/kg	110	19.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Acrolein	ND		ug/kg	1400	320	1
Cyclohexane	150	J	ug/kg	570	31.	1
1,4-Dioxane	ND		ug/kg	5700	2000	1
Freon-113	ND		ug/kg	230	39.	1
p-Diethylbenzene	3800		ug/kg	110	10.	1
p-Ethyltoluene	3400		ug/kg	110	22.	1
1,2,4,5-Tetramethylbenzene	1600		ug/kg	110	11.	1
Ethyl ether	ND		ug/kg	110	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	280	81.	1
Methyl cyclohexane	240		ug/kg	230	34.	1

Tentatively Identified Compounds

Total TIC Compounds	21400	J	ug/kg			1
Unknown Benzene	1440	J	ug/kg			1
Unknown Benzene	1750	J	ug/kg			1
Benzene, 1-butenyl-, (E)-	1100	NJ	ug/kg			1
Unknown Benzene	2610	J	ug/kg			1
Unknown Aromatic	1310	J	ug/kg			1
Unknown Aromatic	2030	J	ug/kg			1
Unknown Benzene	2600	J	ug/kg			1
Unknown Aromatic	2990	J	ug/kg			1
Unknown Aromatic	2120	J	ug/kg			1
Unknown Aromatic	3430	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-20**Date Collected:** 06/25/18 09:20**Client ID:** X35-WC (11-12)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-22
 Client ID: 27-WC (10-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:15
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 15:14
 Analyst: MKS
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	117		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-22
 Client ID: 27-WC (10-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:15
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 17:56
 Analyst: BD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	59	8.5	1
Chloroform	ND		ug/kg	88	8.2	1
Carbon tetrachloride	ND		ug/kg	59	14.	1
1,2-Dichloropropane	ND		ug/kg	59	7.3	1
Dibromochloromethane	ND		ug/kg	59	8.2	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	ND		ug/kg	29	12.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.8	1
Bromodichloromethane	ND		ug/kg	29	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.3	1
1,3-Dichloropropene, Total	ND		ug/kg	29	9.3	1
1,1-Dichloropropene	ND		ug/kg	29	9.3	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.7	1
Benzene	ND		ug/kg	29	9.7	1
Toluene	ND		ug/kg	59	32.	1
Ethylbenzene	24	J	ug/kg	59	8.3	1
Chloromethane	ND		ug/kg	230	55.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	88	8.0	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-22**Date Collected:** 06/25/18 14:15**Client ID:** 27-WC (10-11)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	29	8.0	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.7	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	38	J	ug/kg	120	33.	1
o-Xylene	ND		ug/kg	59	17.	1
Xylenes, Total	38	J	ug/kg	59	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	59	8.0	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	59	12.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	280	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
Vinyl acetate	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	75.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.4	1
2-Hexanone	ND		ug/kg	590	69.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	29	7.8	1
Bromobenzene	ND		ug/kg	120	8.5	1
n-Butylbenzene	ND		ug/kg	59	9.8	1
sec-Butylbenzene	ND		ug/kg	59	8.6	1
tert-Butylbenzene	ND		ug/kg	120	6.9	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	59.	1
Hexachlorobutadiene	ND		ug/kg	230	9.9	1
Isopropylbenzene	12	J	ug/kg	59	6.4	1
p-Isopropyltoluene	16	J	ug/kg	59	6.4	1
Naphthalene	13000		ug/kg	230	38.	1
Acrylonitrile	ND		ug/kg	230	68.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-22**Date Collected:** 06/25/18 14:15**Client ID:** 27-WC (10-11)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1200	300	1
n-Propylbenzene	ND		ug/kg	59	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	45	J	ug/kg	120	11.	1
1,2,4-Trimethylbenzene	81	J	ug/kg	120	20.	1
Methyl Acetate	ND		ug/kg	230	56.	1
Acrolein	ND		ug/kg	1500	330	1
Cyclohexane	ND		ug/kg	590	32.	1
1,4-Dioxane	ND		ug/kg	5900	2100	1
Freon-113	ND		ug/kg	230	41.	1
p-Diethylbenzene	120		ug/kg	120	10.	1
p-Ethyltoluene	86	J	ug/kg	120	22.	1
1,2,4,5-Tetramethylbenzene	19	J	ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	83.	1
Methyl cyclohexane	ND		ug/kg	230	35.	1

Tentatively Identified Compounds

Total TIC Compounds	4410	J	ug/kg			1
Unknown	709	J	ug/kg			1
Unknown Naphthalene	296	J	ug/kg			1
Unknown Aromatic	1530	J	ug/kg			1
Unknown	377	J	ug/kg			1
Acenaphthene	468	NJ	ug/kg			1
Unknown Naphthalene	420	J	ug/kg			1
Unknown Naphthalene	413	J	ug/kg			1
Unknown Aromatic	197	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-22

Date Collected: 06/25/18 14:15

Client ID: 27-WC (10-11)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-24
 Client ID: 38-WC (3-4)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:55
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 15:39
 Analyst: MKS
 Percent Solids: 94%
 TCLP/SPLP Ext. Date: 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	110		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-24
 Client ID: 38-WC (3-4)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:55
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/28/18 15:43
 Analyst: BD
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-24**Date Collected:** 06/25/18 14:55**Client ID:** 38-WC (3-4)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	50		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-24**Date Collected:** 06/25/18 14:55**Client ID:** 38-WC (3-4)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	25	6.4	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Acrolein	ND		ug/kg	31	7.1	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	120	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Tentatively Identified Compounds

Total TIC Compounds	6.48	J	ug/kg	1
Unknown	2.71	J	ug/kg	1
Unknown	3.77	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	62	Q	70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/28/18 08:49**Analyst:** MM**Extraction Date:** 06/27/18 15:04**TCLP/SPLP Extraction Date:** 06/27/18 15:04

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,04,06-07 Batch: WG1130733-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	91		70-130
dibromofluoromethane	112		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-5					

Tentatively Identified Compounds

Total TIC Compounds	13.9	J	ug/kg
Unknown	2.53	J	ug/kg
Unknown	2.95	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.81	NJ	ug/kg
Unknown	3.36	J	ug/kg
Unknown Alkane	2.24	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17,22 Batch: WG1130926-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17,22 Batch: WG1130926-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17,22 Batch: WG1130926-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/28/18 09:10
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 17,22 Batch: WG1130926-5					

Tentatively Identified Compounds

Total TIC Compounds	694	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	140	NJ	ug/kg
Unknown Alkane	112	J	ug/kg
Unknown	126	J	ug/kg
Unknown	168	J	ug/kg
Unknown	148	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 06/29/18 08:19**Analyst:** MM**Extraction Date:** 06/28/18 15:33**TCLP/SPLP Extraction Date:** 06/28/18 15:33

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 10,13-15,17,20,22,24 Batch: WG1131069-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	115		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:06
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 20 Batch: WG1131207-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:06
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 20 Batch: WG1131207-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:06
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 20 Batch: WG1131207-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 06/29/18 08:06

Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 20 Batch: WG1131207-5					

Tentatively Identified Compounds

Total TIC Compounds	684	J	ug/kg
Unknown	246	J	ug/kg
Unknown	114	J	ug/kg
Unknown	124	J	ug/kg
Unknown	200	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,04,06-07 Batch: WG1130733-3 WG1130733-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	130		130		63-132	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	88		88		75-130	0		25
1,2-Dichloroethane	110		100		70-130	10		20
Benzene	100		100		70-130	0		25
Vinyl chloride	72		68		55-140	6		20
1,1-Dichloroethene	85		79		61-145	7		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	81		80		70-130	1		20
2-Butanone	82		75		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		103		70-130
Toluene-d8	93		91		70-130
4-Bromofluorobenzene	95		95		70-130
dibromofluoromethane	115		112		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-3 WG1130775-4								
Methylene chloride	100		100		70-130	0		30
1,1-Dichloroethane	120		118		70-130	2		30
Chloroform	112		110		70-130	2		30
Carbon tetrachloride	118		115		70-130	3		30
1,2-Dichloropropane	121		122		70-130	1		30
Dibromochloromethane	97		94		70-130	3		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	97		97		70-130	0		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	124		120		70-139	3		30
1,2-Dichloroethane	107		106		70-130	1		30
1,1,1-Trichloroethane	116		114		70-130	2		30
Bromodichloromethane	112		113		70-130	1		30
trans-1,3-Dichloropropene	95		93		70-130	2		30
cis-1,3-Dichloropropene	116		117		70-130	1		30
1,1-Dichloropropene	122		120		70-130	2		30
Bromoform	83		84		70-130	1		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	112		112		70-130	0		30
Toluene	100		98		70-130	2		30
Ethylbenzene	100		98		70-130	2		30
Chloromethane	118		117		52-130	1		30
Bromomethane	108		109		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-3 WG1130775-4								
Vinyl chloride	123		122		67-130	1		30
Chloroethane	130		131		50-151	1		30
1,1-Dichloroethene	118		116		65-135	2		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	115		118		70-130	3		30
1,2-Dichlorobenzene	94		91		70-130	3		30
1,3-Dichlorobenzene	93		92		70-130	1		30
1,4-Dichlorobenzene	92		92		70-130	0		30
Methyl tert butyl ether	107		104		66-130	3		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	102		101		70-130	1		30
cis-1,2-Dichloroethene	113		112		70-130	1		30
Dibromomethane	109		112		70-130	3		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	108		106		30-146	2		30
Acetone	116		119		54-140	3		30
Carbon disulfide	111		111		59-130	0		30
2-Butanone	98		111		70-130	12		30
Vinyl acetate	112		106		70-130	6		30
4-Methyl-2-pentanone	103		101		70-130	2		30
1,2,3-Trichloropropane	103		105		68-130	2		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	115		116		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-3 WG1130775-4								
2,2-Dichloropropane	119		120		70-130	1		30
1,2-Dibromoethane	99		98		70-130	1		30
1,3-Dichloropropane	99		102		69-130	3		30
1,1,1,2-Tetrachloroethane	98		96		70-130	2		30
Bromobenzene	89		92		70-130	3		30
n-Butylbenzene	105		106		70-130	1		30
sec-Butylbenzene	104		103		70-130	1		30
tert-Butylbenzene	102		101		70-130	1		30
o-Chlorotoluene	84		110		70-130	27		30
p-Chlorotoluene	100		98		70-130	2		30
1,2-Dibromo-3-chloropropane	96		95		68-130	1		30
Hexachlorobutadiene	80		77		67-130	4		30
Isopropylbenzene	103		100		70-130	3		30
p-Isopropyltoluene	104		104		70-130	0		30
Naphthalene	98		98		70-130	0		30
Acrylonitrile	102		103		70-130	1		30
Tert-Butyl Alcohol	114		108		70-130	5		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	86		88		70-130	2		30
1,2,4-Trichlorobenzene	90		90		70-130	0		30
1,3,5-Trimethylbenzene	101		100		70-130	1		30
1,2,4-Trimethylbenzene	101		102		70-130	1		30
Methyl Acetate	114		114		51-146	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06-07,10,13-15,24 Batch: WG1130775-3 WG1130775-4								
Acrolein	114		103		70-130	10		30
Cyclohexane	135		132		59-142	2		30
1,4-Dioxane	112		114		65-136	2		30
Freon-113	124		122		50-139	2		30
p-Diethylbenzene	104		105		70-130	1		30
p-Ethyltoluene	100		101		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		30
Ethyl ether	111		110		67-130	1		30
trans-1,4-Dichloro-2-butene	97		97		70-130	0		30
Methyl cyclohexane	118		115		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17,22 Batch: WG1130926-3 WG1130926-4								
Methylene chloride	100		100		70-130	0		30
1,1-Dichloroethane	120		118		70-130	2		30
Chloroform	112		110		70-130	2		30
Carbon tetrachloride	118		115		70-130	3		30
1,2-Dichloropropane	121		122		70-130	1		30
Dibromochloromethane	97		94		70-130	3		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	97		97		70-130	0		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	124		120		70-139	3		30
1,2-Dichloroethane	107		106		70-130	1		30
1,1,1-Trichloroethane	116		114		70-130	2		30
Bromodichloromethane	112		113		70-130	1		30
trans-1,3-Dichloropropene	95		93		70-130	2		30
cis-1,3-Dichloropropene	116		117		70-130	1		30
1,1-Dichloropropene	122		120		70-130	2		30
Bromoform	83		84		70-130	1		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	112		112		70-130	0		30
Toluene	100		98		70-130	2		30
Ethylbenzene	100		98		70-130	2		30
Chloromethane	118		117		52-130	1		30
Bromomethane	108		109		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17,22 Batch: WG1130926-3 WG1130926-4								
Vinyl chloride	123		122		67-130	1		30
Chloroethane	130		131		50-151	1		30
1,1-Dichloroethene	118		116		65-135	2		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	115		118		70-130	3		30
1,2-Dichlorobenzene	94		91		70-130	3		30
1,3-Dichlorobenzene	93		92		70-130	1		30
1,4-Dichlorobenzene	92		92		70-130	0		30
Methyl tert butyl ether	107		104		66-130	3		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	102		101		70-130	1		30
cis-1,2-Dichloroethene	113		112		70-130	1		30
Dibromomethane	109		112		70-130	3		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	108		106		30-146	2		30
Acetone	116		119		54-140	3		30
Carbon disulfide	111		111		59-130	0		30
2-Butanone	98		111		70-130	12		30
Vinyl acetate	112		106		70-130	6		30
4-Methyl-2-pentanone	103		101		70-130	2		30
1,2,3-Trichloropropane	103		105		68-130	2		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	115		116		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17,22 Batch: WG1130926-3 WG1130926-4								
2,2-Dichloropropane	119		120		70-130	1		30
1,2-Dibromoethane	99		98		70-130	1		30
1,3-Dichloropropane	99		102		69-130	3		30
1,1,1,2-Tetrachloroethane	98		96		70-130	2		30
Bromobenzene	89		92		70-130	3		30
n-Butylbenzene	105		106		70-130	1		30
sec-Butylbenzene	104		103		70-130	1		30
tert-Butylbenzene	102		101		70-130	1		30
o-Chlorotoluene	84		110		70-130	27		30
p-Chlorotoluene	100		98		70-130	2		30
1,2-Dibromo-3-chloropropane	96		95		68-130	1		30
Hexachlorobutadiene	80		77		67-130	4		30
Isopropylbenzene	103		100		70-130	3		30
p-Isopropyltoluene	104		104		70-130	0		30
Naphthalene	98		98		70-130	0		30
Acrylonitrile	102		103		70-130	1		30
Tert-Butyl Alcohol	114		108		70-130	5		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	86		88		70-130	2		30
1,2,4-Trichlorobenzene	90		90		70-130	0		30
1,3,5-Trimethylbenzene	101		100		70-130	1		30
1,2,4-Trimethylbenzene	101		102		70-130	1		30
Methyl Acetate	114		114		51-146	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 17,22 Batch: WG1130926-3 WG1130926-4								
Acrolein	114		103		70-130	10		30
Cyclohexane	135		132		59-142	2		30
1,4-Dioxane	112		114		65-136	2		30
Freon-113	124		122		50-139	2		30
p-Diethylbenzene	104		105		70-130	1		30
p-Ethyltoluene	100		101		70-130	1		30
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		30
Ethyl ether	111		110		67-130	1		30
trans-1,4-Dichloro-2-butene	97		97		70-130	0		30
Methyl cyclohexane	118		115		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 10,13-15,17,20,22,24 Batch: WG1131069-3 WG1131069-4								
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	97		96		70-130	1		20
Chlorobenzene	84		81		75-130	4		25
1,2-Dichloroethane	96		91		70-130	5		20
Benzene	93		92		70-130	1		25
Vinyl chloride	58		61		55-140	5		20
1,1-Dichloroethene	97		93		61-145	4		25
Trichloroethene	100		98		70-130	2		25
1,4-Dichlorobenzene	80		76		70-130	5		20
2-Butanone	69		65		63-138	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		101		70-130
Toluene-d8	90		92		70-130
4-Bromofluorobenzene	96		95		70-130
dibromofluoromethane	114		114		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 20 Batch: WG1131207-3 WG1131207-4								
Methylene chloride	107		100		70-130	7		30
1,1-Dichloroethane	114		105		70-130	8		30
Chloroform	106		98		70-130	8		30
Carbon tetrachloride	109		96		70-130	13		30
1,2-Dichloropropane	115		111		70-130	4		30
Dibromochloromethane	89		87		70-130	2		30
1,1,2-Trichloroethane	99		99		70-130	0		30
Tetrachloroethene	93		82		70-130	13		30
Chlorobenzene	94		87		70-130	8		30
Trichlorofluoromethane	112		98		70-139	13		30
1,2-Dichloroethane	94		91		70-130	3		30
1,1,1-Trichloroethane	106		98		70-130	8		30
Bromodichloromethane	105		102		70-130	3		30
trans-1,3-Dichloropropene	88		85		70-130	3		30
cis-1,3-Dichloropropene	113		110		70-130	3		30
1,1-Dichloropropene	119		106		70-130	12		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	106		104		70-130	2		30
Benzene	112		103		70-130	8		30
Toluene	97		88		70-130	10		30
Ethylbenzene	93		86		70-130	8		30
Chloromethane	104		91		52-130	13		30
Bromomethane	114		102		57-147	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 20 Batch: WG1131207-3 WG1131207-4								
Vinyl chloride	120		104		67-130	14		30
Chloroethane	129		116		50-151	11		30
1,1-Dichloroethene	124		107		65-135	15		30
trans-1,2-Dichloroethene	115		108		70-130	6		30
Trichloroethene	114		103		70-130	10		30
1,2-Dichlorobenzene	89		85		70-130	5		30
1,3-Dichlorobenzene	88		84		70-130	5		30
1,4-Dichlorobenzene	88		85		70-130	3		30
Methyl tert butyl ether	103		101		66-130	2		30
p/m-Xylene	95		89		70-130	7		30
o-Xylene	94		89		70-130	5		30
cis-1,2-Dichloroethene	113		106		70-130	6		30
Dibromomethane	105		105		70-130	0		30
Styrene	94		90		70-130	4		30
Dichlorodifluoromethane	102		86		30-146	17		30
Acetone	105		102		54-140	3		30
Carbon disulfide	115		100		59-130	14		30
2-Butanone	99		98		70-130	1		30
Vinyl acetate	94		95		70-130	1		30
4-Methyl-2-pentanone	95		92		70-130	3		30
1,2,3-Trichloropropane	96		95		68-130	1		30
2-Hexanone	79		80		70-130	1		30
Bromochloromethane	113		114		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 20 Batch: WG1131207-3 WG1131207-4								
2,2-Dichloropropane	114		102		70-130	11		30
1,2-Dibromoethane	97		96		70-130	1		30
1,3-Dichloropropane	95		93		69-130	2		30
1,1,1,2-Tetrachloroethane	92		85		70-130	8		30
Bromobenzene	91		85		70-130	7		30
n-Butylbenzene	101		91		70-130	10		30
sec-Butylbenzene	101		91		70-130	10		30
tert-Butylbenzene	100		90		70-130	11		30
o-Chlorotoluene	98		90		70-130	9		30
p-Chlorotoluene	96		90		70-130	6		30
1,2-Dibromo-3-chloropropane	94		94		68-130	0		30
Hexachlorobutadiene	78		69		67-130	12		30
Isopropylbenzene	100		92		70-130	8		30
p-Isopropyltoluene	102		92		70-130	10		30
Naphthalene	93		92		70-130	1		30
Acrylonitrile	96		104		70-130	8		30
Tert-Butyl Alcohol	106		104		70-130	2		30
n-Propylbenzene	99		90		70-130	10		30
1,2,3-Trichlorobenzene	83		82		70-130	1		30
1,2,4-Trichlorobenzene	89		85		70-130	5		30
1,3,5-Trimethylbenzene	97		90		70-130	7		30
1,2,4-Trimethylbenzene	98		91		70-130	7		30
Methyl Acetate	103		93		51-146	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 20 Batch: WG1131207-3 WG1131207-4								
Acrolein	109		108		70-130	1		30
Cyclohexane	124		108		59-142	14		30
1,4-Dioxane	117		118		65-136	1		30
Freon-113	125		111		50-139	12		30
p-Diethylbenzene	102		94		70-130	8		30
p-Ethyltoluene	98		91		70-130	7		30
1,2,4,5-Tetramethylbenzene	97		91		70-130	6		30
Ethyl ether	108		110		67-130	2		30
trans-1,4-Dichloro-2-butene	90		84		70-130	7		30
Methyl cyclohexane	113		99		70-130	13		30

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		87		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01
 Client ID: 59/60-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 19:09
 Analyst: ALS
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		21-120
Phenol-d6	85		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	94		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01
 Client ID: 59/60-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 18:35
 Analyst: ALS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2200		ug/kg	150	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	20000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1400		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-01**Date Collected:** 06/25/18 11:00**Client ID:** 59/60-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	14000	E	ug/kg	110	21.	1
Benzo(a)pyrene	11000	E	ug/kg	150	45.	1
Benzo(b)fluoranthene	17000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	2200		ug/kg	110	29.	1
Chrysene	9600	E	ug/kg	110	19.	1
Acenaphthylene	2100		ug/kg	150	28.	1
Anthracene	6900		ug/kg	110	36.	1
Benzo(ghi)perylene	7500	E	ug/kg	150	22.	1
Fluorene	4300		ug/kg	180	18.	1
Phenanthrene	18000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	2100		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	8400	E	ug/kg	150	26.	1
Pyrene	18000	E	ug/kg	110	18.	1
Biphenyl	310	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	2400		ug/kg	180	17.	1
2-Methylnaphthalene	960		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	56	J	ug/kg	180	28.	1
2-Methylphenol	37	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	260	29.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	4400		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	62		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01 D
 Client ID: 59/60-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 13:16
 Analyst: ALS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	38000		ug/kg	1100	210	10
Benzo(a)anthracene	16000		ug/kg	1100	210	10
Benzo(a)pyrene	16000		ug/kg	1500	450	10
Benzo(b)fluoranthene	21000		ug/kg	1100	310	10
Chrysene	15000		ug/kg	1100	190	10
Benzo(ghi)perylene	9400		ug/kg	1500	220	10
Phenanthrene	32000		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	11000		ug/kg	1500	260	10
Pyrene	28000		ug/kg	1100	180	10

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/01/18 02:01
 Analyst: SZ
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	70		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	78		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 04:55
 Analyst: PS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	3700		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	320		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2000		ug/kg	110	21.	1
Benzo(a)pyrene	1800		ug/kg	150	46.	1
Benzo(b)fluoranthene	2300		ug/kg	110	32.	1
Benzo(k)fluoranthene	850		ug/kg	110	30.	1
Chrysene	1800		ug/kg	110	20.	1
Acenaphthylene	220		ug/kg	150	29.	1
Anthracene	680		ug/kg	110	37.	1
Benzo(ghi)perylene	1300		ug/kg	150	22.	1
Fluorene	240		ug/kg	190	18.	1
Phenanthrene	2400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	340		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	3200		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	140	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-03**Date Collected:** 06/25/18 13:00**Client ID:** 49/50-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	310		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05
 Client ID: 20/30-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/01/18 02:27
 Analyst: SZ
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	81		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	92		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05
 Client ID: 20/30-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 05:19
 Analyst: PS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	590		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	6600		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1300		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	460		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05
 Client ID: 20/30-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2600		ug/kg	110	22.	1
Benzo(a)pyrene	1800		ug/kg	150	47.	1
Benzo(b)fluoranthene	2400		ug/kg	110	32.	1
Benzo(k)fluoranthene	720		ug/kg	110	30.	1
Chrysene	2200		ug/kg	110	20.	1
Acenaphthylene	720		ug/kg	150	30.	1
Anthracene	1700		ug/kg	110	37.	1
Benzo(ghi)perylene	840		ug/kg	150	22.	1
Fluorene	1100		ug/kg	190	18.	1
Phenanthrene	6200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	27.	1
Pyrene	6100		ug/kg	110	19.	1
Biphenyl	140	J	ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	710		ug/kg	190	18.	1
2-Methylnaphthalene	640		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	190		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	120	J	ug/kg	190	29.	1
2-Methylphenol	130	J	ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	320		ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-05**Date Collected:** 06/25/18 14:20**Client ID:** 20/30-WC (0-8)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	1600		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	52	J	ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	51		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/01/18 02:52
 Analyst: SZ
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	75		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	84		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 18:55
 Analyst: RC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	1200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	170	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-08**Date Collected:** 06/25/18 11:40**Client ID:** 37-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	540		ug/kg	120	22.	1
Benzo(a)pyrene	460		ug/kg	160	47.	1
Benzo(b)fluoranthene	580		ug/kg	120	33.	1
Benzo(k)fluoranthene	210		ug/kg	120	31.	1
Chrysene	520		ug/kg	120	20.	1
Acenaphthylene	72	J	ug/kg	160	30.	1
Anthracene	270		ug/kg	120	38.	1
Benzo(ghi)perylene	290		ug/kg	160	23.	1
Fluorene	150	J	ug/kg	190	19.	1
Phenanthrene	1200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	73	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	300		ug/kg	160	27.	1
Pyrene	1000		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	110	J	ug/kg	190	18.	1
2-Methylnaphthalene	90	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-08**Date Collected:** 06/25/18 11:40**Client ID:** 37-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	110	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/01/18 03:17
 Analyst: SZ
 Percent Solids: 76%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	78		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 18:04
 Analyst: RC
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Benzidine	ND		ug/kg	700	230	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	420	41.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	77		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11
 Client ID: 35-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 16:37
 Analyst: EK
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	79		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	109		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11
 Client ID: 35-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 05:42
 Analyst: PS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	1600		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	590		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	67	J	ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	930		ug/kg	190	66.	1
Butyl benzyl phthalate	620		ug/kg	190	48.	1
Di-n-butylphthalate	83	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-11**Date Collected:** 06/25/18 09:10**Client ID:** 35-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	820		ug/kg	120	22.	1
Benzo(a)pyrene	710		ug/kg	150	47.	1
Benzo(b)fluoranthene	880		ug/kg	120	32.	1
Benzo(k)fluoranthene	350		ug/kg	120	31.	1
Chrysene	860		ug/kg	120	20.	1
Acenaphthylene	110	J	ug/kg	150	30.	1
Anthracene	360		ug/kg	120	38.	1
Benzo(ghi)perylene	750		ug/kg	150	23.	1
Fluorene	150	J	ug/kg	190	19.	1
Phenanthrene	1200		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	120		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	610		ug/kg	150	27.	1
Pyrene	1700		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	61	J	ug/kg	190	18.	1
2-Methylnaphthalene	930		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	34	J	ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	130	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	62		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12
 Client ID: 34-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 11:50
 Analyst: EK
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	82		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12
 Client ID: 34-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 19:25
 Analyst: ALS
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	2400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	87	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-12**Date Collected:** 06/25/18 09:20**Client ID:** 34-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1100		ug/kg	110	21.	1
Benzo(a)pyrene	920		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	340		ug/kg	110	30.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	98	J	ug/kg	150	29.	1
Anthracene	460		ug/kg	110	36.	1
Benzo(ghi)perylene	620		ug/kg	150	22.	1
Fluorene	190		ug/kg	180	18.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	590		ug/kg	150	26.	1
Pyrene	2200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	120	J	ug/kg	180	18.	1
2-Methylnaphthalene	79	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	160	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	43		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16
 Client ID: 36-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 12:15
 Analyst: EK
 Percent Solids: 83%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		21-120
Phenol-d6	89		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	121	Q	33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16
 Client ID: 36-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 19:20
 Analyst: RC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	160	20.	1
Benzidine	ND		ug/kg	650	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	1000		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	37	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-16**Date Collected:** 06/25/18 09:37**Client ID:** 36-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	490		ug/kg	120	22.	1
Benzo(a)pyrene	450		ug/kg	160	48.	1
Benzo(b)fluoranthene	580		ug/kg	120	33.	1
Benzo(k)fluoranthene	200		ug/kg	120	31.	1
Chrysene	490		ug/kg	120	20.	1
Acenaphthylene	60	J	ug/kg	160	30.	1
Anthracene	170		ug/kg	120	38.	1
Benzo(ghi)perylene	290		ug/kg	160	23.	1
Fluorene	56	J	ug/kg	200	19.	1
Phenanthrene	720		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	73	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	300		ug/kg	160	27.	1
Pyrene	960		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	31	J	ug/kg	200	19.	1
2-Methylnaphthalene	26	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-16**Date Collected:** 06/25/18 09:37**Client ID:** 36-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	71	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	53	J	ug/kg	260	53.	1
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	27		10-136
4-Terphenyl-d14	72		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18
 Client ID: X36/X37-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 12:41
 Analyst: EK
 Percent Solids: 81%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	103		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18
 Client ID: X36/X37-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 18:30
 Analyst: RC
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Benzidine	ND		ug/kg	670	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Azobenzene	ND		ug/kg	200	20.	1
Fluoranthene	99	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	41	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	53	J	ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-18**Date Collected:** 06/25/18 11:10**Client ID:** X36/X37-WC (9-14)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	55	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	57	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	48	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	37	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	83	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	160	28.	1
Pyrene	100	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	71	J	ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	410	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	71		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 13:06
 Analyst: EK
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	101		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 19:45
 Analyst: RC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	170		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	420		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	500		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-19**Date Collected:** 06/25/18 09:22**Client ID:** X35-WC (9-18)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	120		ug/kg	120	34.	1
Benzo(k)fluoranthene	39	J	ug/kg	120	32.	1
Chrysene	99	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	83	J	ug/kg	120	39.	1
Benzo(ghi)perylene	160		ug/kg	160	24.	1
Fluorene	71	J	ug/kg	200	19.	1
Phenanthrene	220		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	160	28.	1
Pyrene	300		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	570		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-19**Date Collected:** 06/25/18 09:22**Client ID:** X35-WC (9-18)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	68		18-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/02/18 13:32
Analyst: EK
Percent Solids: 86%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	83		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	117		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21
 Client ID: 17/27-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/29/18 20:11
 Analyst: RC
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	11000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	2400		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21
 Client ID: 17/27-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	6000		ug/kg	110	21.	1
Benzo(a)pyrene	5000		ug/kg	150	46.	1
Benzo(b)fluoranthene	6200		ug/kg	110	32.	1
Benzo(k)fluoranthene	1900		ug/kg	110	30.	1
Chrysene	6200		ug/kg	110	20.	1
Acenaphthylene	820		ug/kg	150	29.	1
Anthracene	2600		ug/kg	110	37.	1
Benzo(ghi)perylene	2700		ug/kg	150	22.	1
Fluorene	1700		ug/kg	190	18.	1
Phenanthrene	11000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	720		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3000		ug/kg	150	26.	1
Pyrene	11000	E	ug/kg	110	19.	1
Biphenyl	150	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	830		ug/kg	190	18.	1
2-Methylnaphthalene	650		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	40	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	72	J	ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-21**Date Collected:** 06/25/18 14:18**Client ID:** 17/27-WC (0-11)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	920		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	82	J	ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	62		18-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21 D
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/02/18 18:25
Analyst: RC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	11000		ug/kg	220	43.	2
Phenanthrene	11000		ug/kg	220	46.	2
Pyrene	11000		ug/kg	220	37.	2

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/02/18 13:57
Analyst: EK
Percent Solids: 86%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	95		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23
 Client ID: 38/39-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 06:06
 Analyst: PS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	88	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	1500		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	90	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23
 Client ID: 38/39-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	750		ug/kg	120	22.	1
Benzo(a)pyrene	620		ug/kg	150	47.	1
Benzo(b)fluoranthene	900		ug/kg	120	32.	1
Benzo(k)fluoranthene	230		ug/kg	120	31.	1
Chrysene	770		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	150	30.	1
Anthracene	320		ug/kg	120	37.	1
Benzo(ghi)perylene	480		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	19.	1
Phenanthrene	1200		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	120		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	480		ug/kg	150	27.	1
Pyrene	1300		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	81	J	ug/kg	190	18.	1
2-Methylnaphthalene	44	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	150	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	38		10-136
4-Terphenyl-d14	44		18-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/29/18 11:17
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/29/18 11:17
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-1					
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/29/18 11:17
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 06/29/18 11:17
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 12:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	95		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 17:49
 Analyst: ALS
 TCLP/SPLP Extraction Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 00:02

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131419-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	80		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	94		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-2 WG1130790-3								
Acenaphthene	88		103		31-137	16		50
Benzidine	51		57		10-66	11		50
1,2,4-Trichlorobenzene	81		93		38-107	14		50
Hexachlorobenzene	79		92		40-140	15		50
Bis(2-chloroethyl)ether	93		105		40-140	12		50
2-Chloronaphthalene	85		101		40-140	17		50
3,3'-Dichlorobenzidine	62		70		40-140	12		50
2,4-Dinitrotoluene	100		118		40-132	17		50
2,6-Dinitrotoluene	106		127		40-140	18		50
Azobenzene	103		121		40-140	16		50
Fluoranthene	92		108		40-140	16		50
4-Chlorophenyl phenyl ether	84		98		40-140	15		50
4-Bromophenyl phenyl ether	86		99		40-140	14		50
Bis(2-chloroisopropyl)ether	107		122		40-140	13		50
Bis(2-chloroethoxy)methane	98		112		40-117	13		50
Hexachlorobutadiene	72		85		40-140	17		50
Hexachlorocyclopentadiene	68		81		40-140	17		50
Hexachloroethane	84		97		40-140	14		50
Isophorone	99		113		40-140	13		50
Naphthalene	82		97		40-140	17		50
Nitrobenzene	104		118		40-140	13		50
NDPA/DPA	92		107		36-157	15		50
n-Nitrosodi-n-propylamine	101		116		32-121	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-2 WG1130790-3								
Bis(2-ethylhexyl)phthalate	107		125		40-140	16		50
Butyl benzyl phthalate	110		130		40-140	17		50
Di-n-butylphthalate	100		118		40-140	17		50
Di-n-octylphthalate	113		133		40-140	16		50
Diethyl phthalate	95		110		40-140	15		50
Dimethyl phthalate	89		105		40-140	16		50
Benzo(a)anthracene	90		104		40-140	14		50
Benzo(a)pyrene	93		109		40-140	16		50
Benzo(b)fluoranthene	90		107		40-140	17		50
Benzo(k)fluoranthene	89		105		40-140	16		50
Chrysene	88		102		40-140	15		50
Acenaphthylene	91		107		40-140	16		50
Anthracene	92		109		40-140	17		50
Benzo(ghi)perylene	88		103		40-140	16		50
Fluorene	91		106		40-140	15		50
Phenanthrene	90		106		40-140	16		50
Dibenzo(a,h)anthracene	88		102		40-140	15		50
Indeno(1,2,3-cd)pyrene	90		105		40-140	15		50
Pyrene	91		108		35-142	17		50
Biphenyl	90		105	Q	54-104	15		50
4-Chloroaniline	87		88		40-140	1		50
2-Nitroaniline	110		131		47-134	17		50
3-Nitroaniline	93		104		26-129	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-2 WG1130790-3								
4-Nitroaniline	107		124		41-125	15		50
Dibenzofuran	87		101		40-140	15		50
2-Methylnaphthalene	87		103		40-140	17		50
1,2,4,5-Tetrachlorobenzene	81		95		40-117	16		50
Acetophenone	94		108		14-144	14		50
n-Nitrosodimethylamine	93		104	Q	22-100	11		50
2,4,6-Trichlorophenol	92		108		30-130	16		50
p-Chloro-m-cresol	98		115	Q	26-103	16		50
2-Chlorophenol	93		106	Q	25-102	13		50
2,4-Dichlorophenol	95		109		30-130	14		50
2,4-Dimethylphenol	102		116		30-130	13		50
2-Nitrophenol	117		133	Q	30-130	13		50
4-Nitrophenol	132	Q	158	Q	11-114	18		50
2,4-Dinitrophenol	95		114		4-130	18		50
4,6-Dinitro-o-cresol	116		139	Q	10-130	18		50
Pentachlorophenol	66		76		17-109	14		50
Phenol	93	Q	105	Q	26-90	12		50
2-Methylphenol	98		111		30-130	12		50
3-Methylphenol/4-Methylphenol	99		114		30-130	14		50
2,4,5-Trichlorophenol	91		109		30-130	18		50
Benzoic Acid	60		68		10-110	13		50
Benzyl Alcohol	104		119		40-140	13		50
Carbazole	93		109		54-128	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130790-2 WG1130790-3								
Atrazine	80		91		40-140	13		50
Benzaldehyde	86		99		40-140	14		50
Caprolactam	114		137	Q	15-130	18		50
2,3,4,6-Tetrachlorophenol	92		107		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		94		25-120
Phenol-d6	88		97		10-120
Nitrobenzene-d5	94		104		23-120
2-Fluorobiphenyl	77		88		30-120
2,4,6-Tribromophenol	77		87		10-136
4-Terphenyl-d14	82		95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131419-2 WG1131419-3								
Hexachlorobenzene	92		74		40-140	22		30
2,4-Dinitrotoluene	109		91		40-132	18		30
Hexachlorobutadiene	79		64		28-111	21		30
Hexachloroethane	80		69		21-105	15		30
Nitrobenzene	90		78		40-140	14		30
2,4,6-Trichlorophenol	101		83		30-130	20		30
Pentachlorophenol	82		65		9-103	23		30
2-Methylphenol	95		82		30-130	15		30
3-Methylphenol/4-Methylphenol	101		81		30-130	22		30
2,4,5-Trichlorophenol	112		92		30-130	20		30
Pyridine	68	Q	53		10-66	25		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	100		79		21-120
Phenol-d6	97		79		10-120
Nitrobenzene-d5	101		85		23-120
2-Fluorobiphenyl	97		79		15-120
2,4,6-Tribromophenol	108		83		10-120
4-Terphenyl-d14	110		88		33-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 11:25
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	248.		mg/kg	36.1	3.62	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	57			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 15:24
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	463		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	85			40-140		
o-Terphenyl	89			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-03
Client ID: 49/50-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 10:15
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	169.		mg/kg	36.5	3.66	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/29/18 15:53
 Analyst: MEO
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	255		mg/kg	26.8	26.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	81			40-140		
o-Terphenyl	84			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 12:47
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	160.		mg/kg	37.7	3.78	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	73			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 16:22
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	301		mg/kg	27.5	27.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	93		40-140
o-Terphenyl	96		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-08
Client ID: 37-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/03/18 09:03
Analyst: DG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 09:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	119.		mg/kg	37.8	3.79	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	66			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-08
Client ID: 37-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 07/03/18 10:46
Analyst: SR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	81.0		mg/kg	27.4	27.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	66			40-140		
o-Terphenyl	65			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 08:00
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	12.8	J	mg/kg	42.6	4.27	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	59			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 16:52
Analyst: MEO
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	29.8	29.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	85			40-140		
o-Terphenyl	85			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11 **D**
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 15:03
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	5010		mg/kg	765	76.6	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	81			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11 D
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 18:19
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	7880		mg/kg	273	273.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	79			40-140		
o-Terphenyl	83			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 13:55
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	539		mg/kg	26.4	26.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	70			40-140		
o-Terphenyl	67			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12 D
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 13:55
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	525.		mg/kg	183	18.3	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	63			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-16
Client ID: 36-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 09:40
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	226.		mg/kg	39.2	3.93	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	65			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16
 Client ID: 36-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/29/18 14:25
 Analyst: MEO
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	519		mg/kg	27.9	27.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	82		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 08:33
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	393.		mg/kg	39.2	3.93	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	65			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 14:54
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	695		mg/kg	28.3	28.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	77		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-19 D
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 06/29/18 13:42
 Analyst: MEO
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	5910		mg/kg	795	79.6	20
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19 D
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/30/18 14:01
 Analyst: DG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 11:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	6990		mg/kg	280	280.	10
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	102			40-140		
o-Terphenyl	110			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/29/18 10:52
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	248.		mg/kg	36.9	3.69	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	60			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 15:53
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	450		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	89		40-140
o-Terphenyl	85		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 06/29/18 16:22
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	1430		mg/kg	53.9	53.9	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	83			40-140		
o-Terphenyl	76			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23 D
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 06/30/18 14:29
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 10:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1310		mg/kg	188	18.8	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	62			40-140		

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 06/28/18 14:40
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 05:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05,09,11-12,16,18-19,21,23 Batch: WG1130566-1					
DROD (C9-C44)	6.19	J	mg/kg	32.0	3.21

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 06/29/18 13:55

Extraction Date: 06/28/18 11:43

Analyst: MEO

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,09,11-12,16,18-19,21,23 Batch: WG1130771-1					
Total EPH	ND		mg/kg	22.8	22.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	81		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015D(M)
 Analytical Date: 07/03/18 08:29
 Analyst: DG

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 09:54

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 08 Batch: WG1132287-1					
DROD (C9-C44)	11.5	J	mg/kg	32.8	3.29

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	59		40-140

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 07/03/18 10:46

Extraction Date: 07/02/18 10:00

Analyst: SR

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 08 Batch: WG1132290-1					
Total EPH	ND		mg/kg	23.5	23.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	76		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23 Batch: WG1130566-2								
Total Petroleum Hydrocarbons (C9-C44)	66		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	58				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23 Batch: WG1130771-2 WG1130771-3								
Total EPH	104		86		40-140	19		25
Nonane (C9)	81		67		40-140	19		25
Decane (C10)	90		74		40-140	20		25
Dodecane (C12)	91		75		40-140	19		25
Tetradecane (C14)	92		76		40-140	19		25
Hexadecane (C16)	95		79		40-140	18		25
Octadecane (C18)	99		82		40-140	19		25
Eicosane (C20)	98		82		40-140	18		25
Heneicosane (C21)	98		82		40-140	18		25
Docosane (C22)	97		82		40-140	17		25
Tetracosane (C24)	98		82		40-140	18		25
Hexacosane (C26)	97		82		40-140	17		25
Octacosane (C28)	95		80		40-140	17		25
triacontane (C30)	95		80		40-140	17		25
Dotriacontane (C32)	95		80		40-140	17		25
Tetatriacontane (C34)	92		76		40-140	19		25
Hexatriacontane (C36)	95		79		40-140	18		25
Octatriacontane (C38)	98		80		40-140	20		25
Tetracontane (C40)	104		84		40-140	21		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23 Batch: WG1130771-2 WG1130771-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	83		69		40-140
o-Terphenyl	88		73		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 08 Batch: WG1132287-2								
Total Petroleum Hydrocarbons (C9-C44)	96		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	66				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08 Batch: WG1132290-2 WG1132290-3								
Total EPH	129		137		40-140	6		25
Nonane (C9)	86		101		40-140	16		25
Decane (C10)	98		114		40-140	15		25
Dodecane (C12)	104		119		40-140	13		25
Tetradecane (C14)	112		124		40-140	10		25
Hexadecane (C16)	118		130		40-140	10		25
Octadecane (C18)	124		138		40-140	11		25
Eicosane (C20)	124		137		40-140	10		25
Heneicosane (C21)	125		137		40-140	9		25
Docosane (C22)	124		136		40-140	9		25
Tetracosane (C24)	125		137		40-140	9		25
Hexacosane (C26)	124		137		40-140	10		25
Octacosane (C28)	122		134		40-140	9		25
triacontane (C30)	121		133		40-140	9		25
Dotriacontane (C32)	122		134		40-140	9		25
Tetratriacontane (C34)	117		128		40-140	9		25
Hexatriacontane (C36)	122		134		40-140	9		25
Octatriacontane (C38)	129		140		40-140	8		25
Tetracontane (C40)	140		156	Q	40-140	11		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08 Batch: WG1132290-2 WG1132290-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	81		89		40-140
o-Terphenyl	81		89		40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Sample: L1824054-01 Client ID: 59/60-WC (0-9) Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23 QC Batch ID: WG1130771-4 QC												
Total EPH	463	257	569	41		-	-		40-140	-		50
Nonane (C9)	ND	7.13	4.40	62		-	-		40-140	-		50
Decane (C10)	ND	7.13	4.91	69		-	-		40-140	-		50
Dodecane (C12)	ND	7.13	5.60	79		-	-		40-140	-		50
Tetradecane (C14)	ND	7.13	6.57	92		-	-		40-140	-		50
Hexadecane (C16)	ND	7.13	7.11	100		-	-		40-140	-		50
Octadecane (C18)	ND	7.13	8.19	115		-	-		40-140	-		50
Eicosane (C20)	ND	7.13	7.38	104		-	-		40-140	-		50
Heneicosane (C21)	ND	7.13	7.89	111		-	-		40-140	-		50
Docosane (C22)	ND	7.13	7.67	108		-	-		40-140	-		50
Tetracosane (C24)	ND	7.13	8.30	116		-	-		40-140	-		50
Hexacosane (C26)	ND	7.13	7.48	105		-	-		40-140	-		50
Octacosane (C28)	ND	7.13	7.13	100		-	-		40-140	-		50
triacontane (C30)	ND	7.13	6.78	95		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.13	8.27	116		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.13	6.76	95		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.13	8.86	124		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.13	6.93	97		-	-		40-140	-		50
Tetracontane (C40)	ND	7.13	7.30	102		-	-		40-140	-		50

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	90				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Sample: L1824054-01 Client ID: 59/60-WC (0-9)												
Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23												
QC Batch ID: WG1130771-4 QC												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 37-WC (0-9) Associated sample(s): 08 QC Batch ID: WG1132290-4 QC Sample: L1824054-08 Client ID:												
Total EPH	81.0	276	285	74		-	-		40-140	-		50
Nonane (C9)	ND	7.67	3.71	48		-	-		40-140	-		50
Decane (C10)	ND	7.67	4.38	57		-	-		40-140	-		50
Dodecane (C12)	ND	7.67	4.62	60		-	-		40-140	-		50
Tetradecane (C14)	ND	7.67	5.08	66		-	-		40-140	-		50
Hexadecane (C16)	ND	7.67	5.64	74		-	-		40-140	-		50
Octadecane (C18)	ND	7.67	6.22	81		-	-		40-140	-		50
Eicosane (C20)	ND	7.67	6.17	81		-	-		40-140	-		50
Heneicosane (C21)	ND	7.67	6.32	82		-	-		40-140	-		50
Docosane (C22)	ND	7.67	6.26	82		-	-		40-140	-		50
Tetracosane (C24)	ND	7.67	6.37	83		-	-		40-140	-		50
Hexacosane (C26)	ND	7.67	6.23	81		-	-		40-140	-		50
Octacosane (C28)	ND	7.67	6.12	80		-	-		40-140	-		50
triacontane (C30)	ND	7.67	6.06	79		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.67	6.18	81		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.67	5.79	76		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.67	5.94	78		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.67	5.78	75		-	-		40-140	-		50
Tetracontane (C40)	ND	7.67	6.26	82		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	53				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1132290-4 QC Sample: L1824054-08 Client ID: 37-WC (0-9)												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	51				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,09,11-12,16,18-19,21,23 QC Batch ID: WG1130771-5 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						

Total EPH	463	360	mg/kg	25		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	85		78		40-140
o-Terphenyl	89		80		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1132287-3 QC Sample: L1824054-08 Client ID: 37-WC (0-9)

DROD (C9-C44)	119	150	mg/kg	23		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		61		40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1132290-5 QC Sample: L1824054-08 Client ID: 37-WC (0-9)						
Total EPH	81.0	61.6	mg/kg	27		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		63		40-140
o-Terphenyl	65		61		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01
 Client ID: 59/60-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 23:12
 Analyst: WR
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	4.07	1	A
Aroclor 1221	ND		ug/kg	35.9	5.46	1	A
Aroclor 1232	ND		ug/kg	35.9	3.53	1	A
Aroclor 1242	ND		ug/kg	35.9	4.39	1	A
Aroclor 1248	ND		ug/kg	35.9	4.03	1	A
Aroclor 1254	ND		ug/kg	35.9	2.93	1	A
Aroclor 1260	23.1	J	ug/kg	35.9	3.75	1	B
Aroclor 1262	ND		ug/kg	35.9	2.95	1	A
Aroclor 1268	ND		ug/kg	35.9	2.54	1	A
PCBs, Total	23.1	J	ug/kg	35.9	2.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 23:25
 Analyst: WR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	4.11	1	A
Aroclor 1221	ND		ug/kg	36.2	5.52	1	A
Aroclor 1232	ND		ug/kg	36.2	3.57	1	A
Aroclor 1242	ND		ug/kg	36.2	4.44	1	A
Aroclor 1248	ND		ug/kg	36.2	4.07	1	A
Aroclor 1254	ND		ug/kg	36.2	2.96	1	A
Aroclor 1260	49.2		ug/kg	36.2	3.78	1	A
Aroclor 1262	ND		ug/kg	36.2	2.98	1	A
Aroclor 1268	ND		ug/kg	36.2	2.57	1	A
PCBs, Total	49.2		ug/kg	36.2	2.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/18 23:37
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 14:05
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	4.46	1	A
Aroclor 1221	ND		ug/kg	39.3	5.98	1	A
Aroclor 1232	ND		ug/kg	39.3	3.87	1	A
Aroclor 1242	ND		ug/kg	39.3	4.81	1	A
Aroclor 1248	ND		ug/kg	39.3	4.41	1	A
Aroclor 1254	ND		ug/kg	39.3	3.21	1	A
Aroclor 1260	7.54	J	ug/kg	39.3	4.10	1	A
Aroclor 1262	ND		ug/kg	39.3	3.23	1	A
Aroclor 1268	ND		ug/kg	39.3	2.78	1	A
PCBs, Total	7.54	J	ug/kg	39.3	2.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 23:50
 Analyst: WR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	4.21	1	A
Aroclor 1221	ND		ug/kg	37.1	5.65	1	A
Aroclor 1232	ND		ug/kg	37.1	3.65	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	4.16	1	A
Aroclor 1254	ND		ug/kg	37.1	3.03	1	A
Aroclor 1260	9.90	J	ug/kg	37.1	3.87	1	A
Aroclor 1262	ND		ug/kg	37.1	3.05	1	A
Aroclor 1268	ND		ug/kg	37.1	2.63	1	A
PCBs, Total	9.90	J	ug/kg	37.1	2.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/02/18 01:04
 Analyst: WR
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.8	4.85	1	A
Aroclor 1221	ND		ug/kg	42.8	6.51	1	A
Aroclor 1232	ND		ug/kg	42.8	4.21	1	A
Aroclor 1242	ND		ug/kg	42.8	5.24	1	A
Aroclor 1248	ND		ug/kg	42.8	4.80	1	A
Aroclor 1254	ND		ug/kg	42.8	3.49	1	A
Aroclor 1260	ND		ug/kg	42.8	4.46	1	A
Aroclor 1262	ND		ug/kg	42.8	3.52	1	A
Aroclor 1268	ND		ug/kg	42.8	3.03	1	A
PCBs, Total	ND		ug/kg	42.8	3.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11
 Client ID: 35-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/02/18 00:02
 Analyst: WR
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	4.28	1	A
Aroclor 1221	ND		ug/kg	37.7	5.74	1	A
Aroclor 1232	ND		ug/kg	37.7	3.71	1	A
Aroclor 1242	ND		ug/kg	37.7	4.62	1	A
Aroclor 1248	ND		ug/kg	37.7	4.23	1	A
Aroclor 1254	ND		ug/kg	37.7	3.08	1	A
Aroclor 1260	ND		ug/kg	37.7	3.94	1	A
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	ND		ug/kg	37.7	2.67	1	A
PCBs, Total	ND		ug/kg	37.7	2.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12
 Client ID: 34-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 22:23
 Analyst: WR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	4.07	1	A
Aroclor 1221	ND		ug/kg	35.9	5.47	1	A
Aroclor 1232	ND		ug/kg	35.9	3.53	1	A
Aroclor 1242	ND		ug/kg	35.9	4.40	1	A
Aroclor 1248	ND		ug/kg	35.9	4.03	1	A
Aroclor 1254	ND		ug/kg	35.9	2.93	1	A
Aroclor 1260	8.51	J	ug/kg	35.9	3.75	1	A
Aroclor 1262	ND		ug/kg	35.9	2.95	1	A
Aroclor 1268	6.48	J	ug/kg	35.9	2.54	1	B
PCBs, Total	15.0	J	ug/kg	35.9	2.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16
 Client ID: 36-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/02/18 00:14
 Analyst: WR
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	4.49	1	A
Aroclor 1221	ND		ug/kg	39.6	6.03	1	A
Aroclor 1232	ND		ug/kg	39.6	3.90	1	A
Aroclor 1242	ND		ug/kg	39.6	4.85	1	A
Aroclor 1248	ND		ug/kg	39.6	4.44	1	A
Aroclor 1254	ND		ug/kg	39.6	3.23	1	A
Aroclor 1260	7.59	J	ug/kg	39.6	4.14	1	A
Aroclor 1262	ND		ug/kg	39.6	3.26	1	A
Aroclor 1268	4.46	J	ug/kg	39.6	2.80	1	B
PCBs, Total	12.1	J	ug/kg	39.6	2.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18
 Client ID: X36/X37-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/02/18 00:27
 Analyst: WR
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.6	4.61	1	A
Aroclor 1221	ND		ug/kg	40.6	6.18	1	A
Aroclor 1232	ND		ug/kg	40.6	4.00	1	A
Aroclor 1242	ND		ug/kg	40.6	4.97	1	A
Aroclor 1248	ND		ug/kg	40.6	4.56	1	A
Aroclor 1254	ND		ug/kg	40.6	3.32	1	A
Aroclor 1260	ND		ug/kg	40.6	4.24	1	A
Aroclor 1262	ND		ug/kg	40.6	3.34	1	A
Aroclor 1268	ND		ug/kg	40.6	2.88	1	A
PCBs, Total	ND		ug/kg	40.6	2.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 23:00
 Analyst: WR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	4.53	1	A
Aroclor 1221	ND		ug/kg	39.9	6.08	1	A
Aroclor 1232	ND		ug/kg	39.9	3.93	1	A
Aroclor 1242	ND		ug/kg	39.9	4.88	1	A
Aroclor 1248	ND		ug/kg	39.9	4.48	1	A
Aroclor 1254	ND		ug/kg	39.9	3.26	1	A
Aroclor 1260	ND		ug/kg	39.9	4.17	1	A
Aroclor 1262	ND		ug/kg	39.9	3.28	1	A
Aroclor 1268	ND		ug/kg	39.9	2.82	1	A
PCBs, Total	ND		ug/kg	39.9	2.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/18 22:48
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 14:05
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	4.19	1	A
Aroclor 1221	ND		ug/kg	37.0	5.62	1	A
Aroclor 1232	ND		ug/kg	37.0	3.64	1	A
Aroclor 1242	ND		ug/kg	37.0	4.52	1	A
Aroclor 1248	ND		ug/kg	37.0	4.15	1	A
Aroclor 1254	357		ug/kg	37.0	3.02	1	A
Aroclor 1260	ND		ug/kg	37.0	3.86	1	A
Aroclor 1262	ND		ug/kg	37.0	3.04	1	A
Aroclor 1268	ND		ug/kg	37.0	2.62	1	A
PCBs, Total	357		ug/kg	37.0	2.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23
 Client ID: 38/39-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/01/18 22:35
 Analyst: WR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:05
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/30/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	4.34	1	A
Aroclor 1221	ND		ug/kg	38.3	5.83	1	A
Aroclor 1232	ND		ug/kg	38.3	3.77	1	A
Aroclor 1242	ND		ug/kg	38.3	4.69	1	A
Aroclor 1248	ND		ug/kg	38.3	4.30	1	A
Aroclor 1254	ND		ug/kg	38.3	3.13	1	A
Aroclor 1260	ND		ug/kg	38.3	4.00	1	A
Aroclor 1262	ND		ug/kg	38.3	3.15	1	A
Aroclor 1268	ND		ug/kg	38.3	2.71	1	A
PCBs, Total	ND		ug/kg	38.3	2.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/02/18 01:16
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 06/28/18 14:05
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/18
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130807-1						
Aroclor 1016	ND		ug/kg	31.8	3.61	A
Aroclor 1221	ND		ug/kg	31.8	4.84	A
Aroclor 1232	ND		ug/kg	31.8	3.13	A
Aroclor 1242	ND		ug/kg	31.8	3.90	A
Aroclor 1248	ND		ug/kg	31.8	3.57	A
Aroclor 1254	ND		ug/kg	31.8	2.60	A
Aroclor 1260	ND		ug/kg	31.8	3.32	A
Aroclor 1262	ND		ug/kg	31.8	2.62	A
Aroclor 1268	ND		ug/kg	31.8	2.25	A
PCBs, Total	ND		ug/kg	31.8	2.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130807-2 WG1130807-3									
Aroclor 1016	70		69		40-140	1		50	A
Aroclor 1260	64		65		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	A
Decachlorobiphenyl	57		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		74		30-150	B
Decachlorobiphenyl	57		58		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/18 21:12
Analyst: KB
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01
 Client ID: 59/60-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 21:56
 Analyst: KB
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	1.22	J	ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.718	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	17.0		ug/kg	1.72	0.399	1	B
4,4'-DDD	3.46		ug/kg	1.72	0.615	1	A
4,4'-DDT	33.8		ug/kg	3.23	1.39	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.0	5.71	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01

Date Collected: 06/25/18 11:00

Client ID: 59/60-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	108		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 07:16
Analyst: SL
Percent Solids: 91%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	48		30-150	A
DCAA	44		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-03
Client ID: 49/50-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/18 21:25
Analyst: KB
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 22:09
 Analyst: KB
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.732	0.327	1	A
Alpha-BHC	ND		ug/kg	0.732	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.666	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.732	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.769	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.549	1	A
4,4'-DDE	31.8		ug/kg	1.76	0.406	1	B
4,4'-DDD	5.38		ug/kg	1.76	0.627	1	B
4,4'-DDT	92.1		ug/kg	3.30	1.41	1	B
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.587	1	A
Endosulfan sulfate	ND		ug/kg	0.732	0.348	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	1.98	J	ug/kg	2.20	0.612	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.3	5.82	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03

Date Collected: 06/25/18 13:00

Client ID: 49/50-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03
 Client ID: 49/50-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/03/18 07:36
 Analyst: SL
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/26/18 17:10
 Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
 Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	43		30-150	A
DCAA	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 12:31
Analyst: KB
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05
 Client ID: 20/30-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 22:22
 Analyst: KB
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.637	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	13.7		ug/kg	1.81	0.418	1	B
4,4'-DDD	5.17	P	ug/kg	1.81	0.645	1	B
4,4'-DDT	35.9		ug/kg	3.39	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	2.08	J	ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.597	1	A
Chlordane	ND		ug/kg	14.7	5.99	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-05**Date Collected:** 06/25/18 14:20**Client ID:** 20/30-WC (0-8)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	96		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 07:56
Analyst: SL
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	43		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 12:43
 Analyst: KB
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	119		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 22:34
 Analyst: KB
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.789	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	1.46	P	ug/kg	1.13	0.563	1	A
4,4'-DDE	15.4		ug/kg	1.80	0.417	1	B
4,4'-DDD	6.22		ug/kg	1.80	0.643	1	B
4,4'-DDT	54.6		ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	3.97		ug/kg	2.25	0.628	1	A
trans-Chlordane	2.65		ug/kg	2.25	0.595	1	B
Chlordane	34.3		ug/kg	14.6	5.97	1	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08

Date Collected: 06/25/18 11:40

Client ID: 37-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08
 Client ID: 37-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/03/18 08:16
 Analyst: SL
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/18 17:10
 Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
 Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	51		30-150	A
DCAA	47		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 12:56
 Analyst: KB
 Percent Solids: 76%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09
 Client ID: X34-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 22:47
 Analyst: KB
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.832	0.372	1	A
Alpha-BHC	ND		ug/kg	0.832	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.757	1	A
Heptachlor	ND		ug/kg	0.998	0.447	1	A
Aldrin	ND		ug/kg	2.00	0.703	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.832	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.873	1	A
Endrin ketone	ND		ug/kg	2.00	0.514	1	A
Dieldrin	ND		ug/kg	1.25	0.624	1	A
4,4'-DDE	ND		ug/kg	2.00	0.462	1	A
4,4'-DDD	ND		ug/kg	2.00	0.712	1	A
4,4'-DDT	ND		ug/kg	3.74	1.60	1	A
Endosulfan I	ND		ug/kg	2.00	0.472	1	A
Endosulfan II	ND		ug/kg	2.00	0.667	1	A
Endosulfan sulfate	ND		ug/kg	0.832	0.396	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.49	0.695	1	A
trans-Chlordane	ND		ug/kg	2.49	0.659	1	A
Chlordane	ND		ug/kg	16.2	6.61	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09

Date Collected: 06/25/18 09:50

Client ID: X34-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 08:35
Analyst: SL
Percent Solids: 76%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 13:08
Analyst: KB
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	125		30-150	A
Decachlorobiphenyl	125		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11
 Client ID: 35-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 23:00
 Analyst: KB
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	ND		ug/kg	3.49	1.05	1	A
Endrin	ND		ug/kg	0.776	0.318	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.814	1	A
Endrin ketone	ND		ug/kg	1.86	0.479	1	A
Dieldrin	1.49		ug/kg	1.16	0.582	1	B
4,4'-DDE	11.0		ug/kg	1.86	0.430	1	B
4,4'-DDD	12.1	P	ug/kg	1.86	0.664	1	B
4,4'-DDT	55.6		ug/kg	3.49	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.09	1	A
Toxaphene	ND		ug/kg	34.9	9.77	1	A
cis-Chlordane	1.70	J	ug/kg	2.33	0.648	1	A
trans-Chlordane	1.19	JPI	ug/kg	2.33	0.614	1	A
Chlordane	ND		ug/kg	15.1	6.17	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11

Date Collected: 06/25/18 09:10

Client ID: 35-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	58		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 08:55
Analyst: SL
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	42		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12
 Client ID: 34-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 13:21
 Analyst: KB
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	141		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12
 Client ID: 34-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 23:13
 Analyst: KB
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	5.69		ug/kg	1.78	0.636	1	B
4,4'-DDT	34.2		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.5	5.90	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12

Date Collected: 06/25/18 09:20

Client ID: 34-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	112		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 09:15
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-16
Client ID: 36-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 13:33
Analyst: KB
Percent Solids: 83%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	146		30-150	A
Decachlorobiphenyl	139		30-150	A
2,4,5,6-Tetrachloro-m-xylene	123		30-150	B
Decachlorobiphenyl	142		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16
 Client ID: 36-WC (0-9)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 23:25
 Analyst: KB
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.347	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.932	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.777	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.816	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	1.06	J	ug/kg	1.16	0.583	1	B
4,4'-DDE	4.51		ug/kg	1.86	0.431	1	B
4,4'-DDD	1.87		ug/kg	1.86	0.665	1	B
4,4'-DDT	15.7		ug/kg	3.50	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.441	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.79	1	A
cis-Chlordane	1.60	J	ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.615	1	A
Chlordane	ND		ug/kg	15.2	6.18	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16

Date Collected: 06/25/18 09:37

Client ID: 36-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-16
Client ID: 36-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 09:35
Analyst: SL
Percent Solids: 83%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	43		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18
 Client ID: X36/X37-WC (9-14)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 13:46
 Analyst: KB
 Percent Solids: 81%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	130		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/02/18 23:38
Analyst: KB
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/28/18 14:16
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.779	0.348	1	A
Alpha-BHC	ND		ug/kg	0.779	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.709	1	A
Heptachlor	ND		ug/kg	0.935	0.419	1	A
Aldrin	ND		ug/kg	1.87	0.658	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.779	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.818	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.584	1	A
4,4'-DDE	2.53		ug/kg	1.87	0.432	1	B
4,4'-DDD	0.998	J	ug/kg	1.87	0.667	1	A
4,4'-DDT	6.61		ug/kg	3.50	1.50	1	B
Endosulfan I	ND		ug/kg	1.87	0.442	1	A
Endosulfan II	ND		ug/kg	1.87	0.625	1	A
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.81	1	A
cis-Chlordane	ND		ug/kg	2.34	0.651	1	A
trans-Chlordane	ND		ug/kg	2.34	0.617	1	A
Chlordane	ND		ug/kg	15.2	6.19	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-18**Date Collected:** 06/25/18 11:10**Client ID:** X36/X37-WC (9-14)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 09:55
Analyst: SL
Percent Solids: 81%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	41		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 13:58
 Analyst: KB
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	130		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	117		30-150	B
Decachlorobiphenyl	144		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/02/18 23:51
 Analyst: KB
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.370	1	A
Lindane	ND		ug/kg	0.788	0.352	1	A
Alpha-BHC	ND		ug/kg	0.788	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.717	1	A
Heptachlor	ND		ug/kg	0.946	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.666	1	A
Heptachlor epoxide	ND		ug/kg	3.55	1.06	1	A
Endrin	ND		ug/kg	0.788	0.323	1	A
Endrin aldehyde	ND		ug/kg	2.36	0.827	1	A
Endrin ketone	ND		ug/kg	1.89	0.487	1	A
Dieldrin	ND		ug/kg	1.18	0.591	1	A
4,4'-DDE	1.45	J	ug/kg	1.89	0.437	1	B
4,4'-DDD	3.33		ug/kg	1.89	0.674	1	A
4,4'-DDT	4.87		ug/kg	3.55	1.52	1	B
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.632	1	A
Endosulfan sulfate	ND		ug/kg	0.788	0.375	1	A
Methoxychlor	ND		ug/kg	3.55	1.10	1	A
Toxaphene	ND		ug/kg	35.5	9.93	1	A
cis-Chlordane	ND		ug/kg	2.36	0.659	1	A
trans-Chlordane	ND		ug/kg	2.36	0.624	1	A
Chlordane	ND		ug/kg	15.4	6.26	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19

Date Collected: 06/25/18 09:22

Client ID: X35-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	64		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19
 Client ID: X35-WC (9-18)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/03/18 10:14
 Analyst: SL
 Percent Solids: 82%
 TCLP/SPLP Ext. Date: 06/26/18 17:10
 Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
 Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	46		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 14:11
Analyst: KB
Percent Solids: 86%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	149		30-150	A
Decachlorobiphenyl	121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21
 Client ID: 17/27-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 00:03
 Analyst: KB
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	61.6		ug/kg	1.82	0.420	1	A
4,4'-DDD	10.1		ug/kg	1.82	0.648	1	A
4,4'-DDT	142		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	14.8	6.02	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21

Date Collected: 06/25/18 14:18

Client ID: 17/27-WC (0-11)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	116		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21
 Client ID: 17/27-WC (0-11)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/03/18 10:54
 Analyst: SL
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 06/26/18 17:10
 Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
 Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	48		30-150	A
DCAA	51		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 14:23
Analyst: KB
Percent Solids: 86%
TCLP/SPLP Ext. Date: 06/26/18 17:10

Extraction Method: EPA 3510C
Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	132		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23
 Client ID: 38/39-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
 Date Received: 06/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 00:16
 Analyst: KB
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.888	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.777	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	86.4		ug/kg	1.78	0.411	1	A
4,4'-DDD	6.65		ug/kg	1.78	0.634	1	B
4,4'-DDT	111		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	2.31		ug/kg	2.22	0.619	1	A
trans-Chlordane	2.46	P	ug/kg	2.22	0.586	1	B
Chlordane	ND		ug/kg	14.4	5.89	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-23**Date Collected:** 06/25/18 15:00**Client ID:** 38/39-WC (0-8)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/03/18 11:14
Analyst: SL
Percent Solids: 86%
TCLP/SPLP Ext. Date: 06/26/18 17:10
Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	37		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/02/18 18:04
 Analyst: KB

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130814-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.785	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.94	0.883	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.687	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.981	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.916	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	12.8	5.20	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/02/18 18:04
 Analyst: KB

Extraction Method: EPA 3546
 Extraction Date: 06/28/18 14:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/30/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130814-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/02/18 20:33
 Analyst: KB
 TCLP/SPLP Extraction Date: 06/26/18 17:10

Extraction Method: EPA 3510C
 Extraction Date: 06/29/18 17:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131322-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/03/18 05:58
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/26/18 17:10
 Methylation Date: 07/02/18 13:12

Extraction Method: EPA 8151A
 Extraction Date: 06/30/18 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131561-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	51		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130814-2 WG1130814-3									
Delta-BHC	99		100		30-150	1		30	A
Lindane	95		95		30-150	0		30	A
Alpha-BHC	98		99		30-150	1		30	A
Beta-BHC	100		100		30-150	0		30	A
Heptachlor	103		100		30-150	3		30	A
Aldrin	97		98		30-150	1		30	A
Heptachlor epoxide	95		96		30-150	1		30	A
Endrin	104		106		30-150	2		30	A
Endrin aldehyde	68		69		30-150	1		30	A
Endrin ketone	87		87		30-150	0		30	A
Dieldrin	102		104		30-150	2		30	A
4,4'-DDE	95		96		30-150	1		30	A
4,4'-DDD	88		94		30-150	7		30	A
4,4'-DDT	93		95		30-150	2		30	A
Endosulfan I	96		98		30-150	2		30	A
Endosulfan II	93		95		30-150	2		30	A
Endosulfan sulfate	84		85		30-150	1		30	A
Methoxychlor	88		98		30-150	11		30	A
cis-Chlordane	86		95		30-150	10		30	A
trans-Chlordane	84		82		30-150	2		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130814-2 WG1130814-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		83		30-150	B
Decachlorobiphenyl	66		59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		90		30-150	A
Decachlorobiphenyl	72		69		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131322-2 WG1131322-3									
Lindane	98		100		30-150	2		20	A
Heptachlor	85		93		30-150	9		20	A
Heptachlor epoxide	92		95		30-150	3		20	A
Endrin	99		103		30-150	4		20	A
Methoxychlor	72		87		30-150	20		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		87		30-150	A
Decachlorobiphenyl	72		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		85		30-150	B
Decachlorobiphenyl	67		72		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131561-2 WG1131561-3									
2,4-D	94		121		30-150	25		25	A
2,4,5-TP (Silvex)	42		50		30-150	17		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	43		50		30-150	A
DCAA	40		47		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01

Date Collected: 06/25/18 11:00

Client ID: 59/60-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Barium, TCLP	0.293	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Lead, TCLP	2.52		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:33	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB
Zinc, TCLP	0.322	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 16:33	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-01

Date Collected: 06/25/18 11:00

Client ID: 59/60-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7020		mg/kg	8.52	2.30	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.26	0.324	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Arsenic, Total	5.24		mg/kg	0.852	0.177	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Barium, Total	127		mg/kg	0.852	0.148	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Beryllium, Total	0.324	J	mg/kg	0.426	0.028	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.852	0.084	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Calcium, Total	6680		mg/kg	8.52	2.98	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Chromium, Total	15.3		mg/kg	0.852	0.082	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Cobalt, Total	5.54		mg/kg	1.70	0.141	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Copper, Total	24.7		mg/kg	0.852	0.220	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Iron, Total	12400		mg/kg	4.26	0.769	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Lead, Total	153		mg/kg	4.26	0.228	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Magnesium, Total	2600		mg/kg	8.52	1.31	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Manganese, Total	242		mg/kg	0.852	0.135	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Mercury, Total	0.289		mg/kg	0.069	0.015	1	06/27/18 09:00	06/27/18 11:35	EPA 7471B	1,7471B	MG
Nickel, Total	21.8		mg/kg	2.13	0.206	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Potassium, Total	624		mg/kg	213	12.3	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Selenium, Total	0.554	J	mg/kg	1.70	0.220	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.852	0.241	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Sodium, Total	127	J	mg/kg	170	2.68	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.70	0.268	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Vanadium, Total	21.2		mg/kg	0.852	0.173	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC
Zinc, Total	136		mg/kg	4.26	0.250	2	07/02/18 16:37	07/03/18 00:13	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.88	0.88	1		07/03/18 00:13	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03

Date Collected: 06/25/18 13:00

Client ID: 49/50-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Barium, TCLP	0.584		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Lead, TCLP	0.264	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:48	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB
Zinc, TCLP	0.414	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 18:59	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-03

Date Collected: 06/25/18 13:00

Client ID: 49/50-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6960		mg/kg	8.68	2.34	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Antimony, Total	0.504	J	mg/kg	4.34	0.330	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Arsenic, Total	4.82		mg/kg	0.868	0.181	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Barium, Total	139		mg/kg	0.868	0.151	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Beryllium, Total	0.313	J	mg/kg	0.434	0.029	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.868	0.085	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Calcium, Total	12300		mg/kg	8.68	3.04	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Chromium, Total	16.0		mg/kg	0.868	0.083	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Cobalt, Total	5.38		mg/kg	1.74	0.144	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Copper, Total	40.8		mg/kg	0.868	0.224	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Iron, Total	13900		mg/kg	4.34	0.784	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Lead, Total	218		mg/kg	4.34	0.233	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Magnesium, Total	2850		mg/kg	8.68	1.34	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Manganese, Total	294		mg/kg	0.868	0.138	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Mercury, Total	0.328		mg/kg	0.073	0.015	1	06/27/18 09:00	06/27/18 11:41	EPA 7471B	1,7471B	MG
Nickel, Total	19.7		mg/kg	2.17	0.210	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Potassium, Total	910		mg/kg	217	12.5	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Selenium, Total	0.460	J	mg/kg	1.74	0.224	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.868	0.246	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Sodium, Total	206		mg/kg	174	2.74	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.74	0.274	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Vanadium, Total	24.6		mg/kg	0.868	0.176	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC
Zinc, Total	173		mg/kg	4.34	0.254	2	07/02/18 16:37	07/03/18 00:17	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.91	0.91	1		07/03/18 00:17	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05

Date Collected: 06/25/18 14:20

Client ID: 20/30-WC (0-8)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Barium, TCLP	0.344	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Lead, TCLP	0.257	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:50	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB
Zinc, TCLP	1.16		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:04	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-05

Date Collected: 06/25/18 14:20

Client ID: 20/30-WC (0-8)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	9.35	2.52	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.67	0.355	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Arsenic, Total	5.66		mg/kg	0.935	0.194	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Barium, Total	153		mg/kg	0.935	0.163	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Beryllium, Total	0.364	J	mg/kg	0.467	0.031	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.935	0.092	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Calcium, Total	10900		mg/kg	9.35	3.27	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Chromium, Total	13.2		mg/kg	0.935	0.090	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Cobalt, Total	4.74		mg/kg	1.87	0.155	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Copper, Total	28.8		mg/kg	0.935	0.241	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Iron, Total	15800		mg/kg	4.67	0.844	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Lead, Total	325		mg/kg	4.67	0.250	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Magnesium, Total	1900		mg/kg	9.35	1.44	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Manganese, Total	198		mg/kg	0.935	0.149	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Mercury, Total	0.259		mg/kg	0.076	0.016	1	06/27/18 09:00	06/27/18 11:43	EPA 7471B	1,7471B	MG
Nickel, Total	13.3		mg/kg	2.34	0.226	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Potassium, Total	558		mg/kg	234	13.5	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Selenium, Total	0.636	J	mg/kg	1.87	0.241	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.935	0.264	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Sodium, Total	365		mg/kg	187	2.94	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.87	0.294	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Vanadium, Total	24.0		mg/kg	0.935	0.190	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC
Zinc, Total	138		mg/kg	4.67	0.274	2	07/02/18 16:37	07/03/18 00:38	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	13		mg/kg	0.94	0.94	1		07/03/18 00:38	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08

Date Collected: 06/25/18 11:40

Client ID: 37-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Barium, TCLP	0.314	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Lead, TCLP	0.191	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:52	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB
Zinc, TCLP	0.427	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:29	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-08

Date Collected: 06/25/18 11:40

Client ID: 37-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8850		mg/kg	9.07	2.45	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.54	0.345	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Arsenic, Total	5.98		mg/kg	0.907	0.189	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Barium, Total	106		mg/kg	0.907	0.158	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Beryllium, Total	0.399	J	mg/kg	0.454	0.030	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.907	0.089	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Calcium, Total	9890		mg/kg	9.07	3.17	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Chromium, Total	19.9		mg/kg	0.907	0.087	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Cobalt, Total	7.06		mg/kg	1.81	0.150	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Copper, Total	46.3		mg/kg	0.907	0.234	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Iron, Total	18900		mg/kg	4.54	0.819	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Lead, Total	135		mg/kg	4.54	0.243	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Magnesium, Total	3240		mg/kg	9.07	1.40	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Manganese, Total	323		mg/kg	0.907	0.144	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Mercury, Total	0.468		mg/kg	0.074	0.016	1	06/27/18 09:00	06/27/18 11:44	EPA 7471B	1,7471B	MG
Nickel, Total	20.1		mg/kg	2.27	0.220	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Potassium, Total	761		mg/kg	227	13.1	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Selenium, Total	0.354	J	mg/kg	1.81	0.234	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Silver, Total	0.508	J	mg/kg	0.907	0.257	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Sodium, Total	248		mg/kg	181	2.86	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.81	0.286	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Vanadium, Total	27.3		mg/kg	0.907	0.184	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC
Zinc, Total	141		mg/kg	4.54	0.266	2	07/02/18 16:37	07/03/18 00:43	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	20		mg/kg	0.94	0.94	1		07/03/18 00:43	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09

Date Collected: 06/25/18 09:50

Client ID: X34-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Barium, TCLP	0.220	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:53	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB
Zinc, TCLP	ND		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:33	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-09

Date Collected: 06/25/18 09:50

Client ID: X34-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11300		mg/kg	9.95	2.69	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.98	0.378	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Arsenic, Total	3.94		mg/kg	0.995	0.207	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Barium, Total	36.7		mg/kg	0.995	0.173	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Beryllium, Total	0.398	J	mg/kg	0.498	0.033	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.995	0.098	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Calcium, Total	966		mg/kg	9.95	3.48	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Chromium, Total	20.3		mg/kg	0.995	0.096	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Cobalt, Total	4.58		mg/kg	1.99	0.165	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Copper, Total	8.39		mg/kg	0.995	0.257	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Iron, Total	15600		mg/kg	4.98	0.899	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Lead, Total	7.85		mg/kg	4.98	0.267	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Magnesium, Total	1900		mg/kg	9.95	1.53	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Manganese, Total	223		mg/kg	0.995	0.158	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Mercury, Total	0.034	J	mg/kg	0.082	0.017	1	06/27/18 09:00	06/27/18 11:46	EPA 7471B	1,7471B	MG
Nickel, Total	18.0		mg/kg	2.49	0.241	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Potassium, Total	509		mg/kg	249	14.3	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Selenium, Total	0.368	J	mg/kg	1.99	0.257	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.995	0.282	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Sodium, Total	49.0	J	mg/kg	199	3.14	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.99	0.314	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Vanadium, Total	28.3		mg/kg	0.995	0.202	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC
Zinc, Total	22.3		mg/kg	4.98	0.292	2	07/02/18 16:37	07/03/18 00:47	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	20	J	mg/kg	1.0	1.1	1		07/03/18 00:47	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11

Date Collected: 06/25/18 09:10

Client ID: 35-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Barium, TCLP	0.517		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Lead, TCLP	0.405	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:55	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB
Zinc, TCLP	0.570		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:37	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-11

Date Collected: 06/25/18 09:10

Client ID: 35-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5210		mg/kg	9.19	2.48	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Antimony, Total	0.349	J	mg/kg	4.59	0.349	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Arsenic, Total	4.70		mg/kg	0.919	0.191	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Barium, Total	172		mg/kg	0.919	0.160	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Beryllium, Total	0.276	J	mg/kg	0.459	0.030	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.919	0.090	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Calcium, Total	25400		mg/kg	9.19	3.22	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Chromium, Total	15.8		mg/kg	0.919	0.088	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Cobalt, Total	4.98		mg/kg	1.84	0.152	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Copper, Total	48.8		mg/kg	0.919	0.237	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Iron, Total	14500		mg/kg	4.59	0.830	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Lead, Total	950		mg/kg	4.59	0.246	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Magnesium, Total	1970		mg/kg	9.19	1.41	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Manganese, Total	286		mg/kg	0.919	0.146	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Mercury, Total	0.260		mg/kg	0.075	0.016	1	06/27/18 09:00	06/27/18 11:48	EPA 7471B	1,7471B	MG
Nickel, Total	14.5		mg/kg	2.30	0.222	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Potassium, Total	699		mg/kg	230	13.2	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Selenium, Total	0.423	J	mg/kg	1.84	0.237	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.919	0.260	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Sodium, Total	397		mg/kg	184	2.89	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.84	0.289	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Vanadium, Total	16.8		mg/kg	0.919	0.186	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC
Zinc, Total	178		mg/kg	4.59	0.269	2	07/02/18 16:37	07/03/18 00:51	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.94	0.94	1		07/03/18 00:51	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12

Date Collected: 06/25/18 09:20

Client ID: 34-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Barium, TCLP	0.297	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Copper, TCLP	0.022	J	mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Lead, TCLP	0.402	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:57	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB
Zinc, TCLP	1.74		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:42	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-12

Date Collected: 06/25/18 09:20

Client ID: 34-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5470		mg/kg	8.94	2.42	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Antimony, Total	7.68		mg/kg	4.47	0.340	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Arsenic, Total	5.28		mg/kg	0.894	0.186	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Barium, Total	130		mg/kg	0.894	0.156	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Beryllium, Total	0.250	J	mg/kg	0.447	0.030	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Cadmium, Total	1.07		mg/kg	0.894	0.088	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Calcium, Total	48500		mg/kg	8.94	3.13	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Chromium, Total	15.7		mg/kg	0.894	0.086	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Cobalt, Total	5.30		mg/kg	1.79	0.148	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Copper, Total	50.5		mg/kg	0.894	0.231	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Iron, Total	14300		mg/kg	4.47	0.808	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Lead, Total	395		mg/kg	4.47	0.240	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Magnesium, Total	19500		mg/kg	8.94	1.38	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Manganese, Total	288		mg/kg	0.894	0.142	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Mercury, Total	0.271		mg/kg	0.071	0.015	1	06/27/18 09:00	06/27/18 11:50	EPA 7471B	1,7471B	MG
Nickel, Total	18.6		mg/kg	2.24	0.216	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Potassium, Total	929		mg/kg	224	12.9	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Selenium, Total	0.537	J	mg/kg	1.79	0.231	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Silver, Total	0.599	J	mg/kg	0.894	0.253	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Sodium, Total	283		mg/kg	179	2.82	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.79	0.282	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Vanadium, Total	19.0		mg/kg	0.894	0.182	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC
Zinc, Total	403		mg/kg	4.47	0.262	2	07/02/18 16:37	07/03/18 00:55	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.91	0.91	1		07/03/18 00:55	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16

Date Collected: 06/25/18 09:37

Client ID: 36-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Barium, TCLP	0.457	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Lead, TCLP	2.55		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:59	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB
Zinc, TCLP	0.603		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:46	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-16

Date Collected: 06/25/18 09:37

Client ID: 36-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8190		mg/kg	9.48	2.56	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Antimony, Total	0.521	J	mg/kg	4.74	0.360	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Arsenic, Total	6.94		mg/kg	0.948	0.197	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Barium, Total	186		mg/kg	0.948	0.165	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Beryllium, Total	0.360	J	mg/kg	0.474	0.031	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Cadmium, Total	0.322	J	mg/kg	0.948	0.093	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Calcium, Total	23800		mg/kg	9.48	3.32	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Chromium, Total	19.3		mg/kg	0.948	0.091	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Cobalt, Total	5.96		mg/kg	1.90	0.157	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Copper, Total	47.5		mg/kg	0.948	0.244	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Iron, Total	14700		mg/kg	4.74	0.856	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Lead, Total	422		mg/kg	4.74	0.254	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Magnesium, Total	3350		mg/kg	9.48	1.46	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Manganese, Total	354		mg/kg	0.948	0.151	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Mercury, Total	0.282		mg/kg	0.075	0.016	1	06/27/18 09:00	06/27/18 11:52	EPA 7471B	1,7471B	MG
Nickel, Total	21.4		mg/kg	2.37	0.229	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Potassium, Total	882		mg/kg	237	13.6	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Selenium, Total	0.853	J	mg/kg	1.90	0.244	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.948	0.268	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Sodium, Total	343		mg/kg	190	2.98	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.90	0.298	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Vanadium, Total	24.9		mg/kg	0.948	0.192	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC
Zinc, Total	204		mg/kg	4.74	0.278	2	07/02/18 16:37	07/03/18 00:59	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	19		mg/kg	0.96	0.96	1		07/03/18 00:59	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18

Date Collected: 06/25/18 11:10

Client ID: X36/X37-WC (9-14)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Barium, TCLP	0.297	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 18:01	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB
Zinc, TCLP	0.044	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:50	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-18

Date Collected: 06/25/18 11:10

Client ID: X36/X37-WC (9-14)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5570		mg/kg	9.60	2.59	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.80	0.365	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Arsenic, Total	1.63		mg/kg	0.960	0.200	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Barium, Total	20.9		mg/kg	0.960	0.167	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Beryllium, Total	0.211	J	mg/kg	0.480	0.032	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.960	0.094	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Calcium, Total	684		mg/kg	9.60	3.36	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Chromium, Total	13.6		mg/kg	0.960	0.092	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Cobalt, Total	4.46		mg/kg	1.92	0.159	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Copper, Total	9.02		mg/kg	0.960	0.248	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Iron, Total	10600		mg/kg	4.80	0.867	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Lead, Total	6.56		mg/kg	4.80	0.257	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Magnesium, Total	1970		mg/kg	9.60	1.48	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Manganese, Total	173		mg/kg	0.960	0.153	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.079	0.017	1	06/27/18 09:00	06/27/18 11:54	EPA 7471B	1,7471B	MG
Nickel, Total	26.8		mg/kg	2.40	0.232	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Potassium, Total	450		mg/kg	240	13.8	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.92	0.248	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.960	0.272	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Sodium, Total	82.6	J	mg/kg	192	3.02	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.92	0.302	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Vanadium, Total	16.4		mg/kg	0.960	0.195	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC
Zinc, Total	22.9		mg/kg	4.80	0.281	2	07/02/18 16:37	07/03/18 01:03	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	14		mg/kg	0.99	0.99	1		07/03/18 01:03	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19

Date Collected: 06/25/18 09:22

Client ID: X35-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Barium, TCLP	0.367	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Lead, TCLP	0.037	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 18:03	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB
Zinc, TCLP	0.050	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 19:55	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-19

Date Collected: 06/25/18 09:22

Client ID: X35-WC (9-18)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7360		mg/kg	9.47	2.56	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.74	0.360	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Arsenic, Total	4.04		mg/kg	0.947	0.197	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Barium, Total	28.7		mg/kg	0.947	0.165	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Beryllium, Total	0.322	J	mg/kg	0.474	0.031	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.947	0.093	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Calcium, Total	1190		mg/kg	9.47	3.32	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Chromium, Total	16.5		mg/kg	0.947	0.091	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Cobalt, Total	5.78		mg/kg	1.89	0.157	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Copper, Total	13.3		mg/kg	0.947	0.244	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Iron, Total	13400		mg/kg	4.74	0.856	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Lead, Total	16.5		mg/kg	4.74	0.254	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Magnesium, Total	2630		mg/kg	9.47	1.46	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Manganese, Total	126		mg/kg	0.947	0.151	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Mercury, Total	0.031	J	mg/kg	0.077	0.016	1	06/27/18 09:00	06/27/18 11:56	EPA 7471B	1,7471B	MG
Nickel, Total	32.3		mg/kg	2.37	0.229	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Potassium, Total	469		mg/kg	237	13.6	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Selenium, Total	0.256	J	mg/kg	1.89	0.244	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.947	0.268	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Sodium, Total	81.8	J	mg/kg	189	2.98	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.89	0.298	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Vanadium, Total	21.9		mg/kg	0.947	0.192	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC
Zinc, Total	30.2		mg/kg	4.74	0.278	2	07/02/18 16:37	07/03/18 01:07	EPA 3050B	1,6010D	LC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.98	0.98	1		07/03/18 01:07	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21

Date Collected: 06/25/18 14:18

Client ID: 17/27-WC (0-11)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Barium, TCLP	0.606		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Copper, TCLP	2.66		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Lead, TCLP	1.11		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 18:05	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.045	J	mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB
Zinc, TCLP	3.96		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 20:08	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-21

Date Collected: 06/25/18 14:18

Client ID: 17/27-WC (0-11)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	8.78	2.37	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Antimony, Total	5.02		mg/kg	4.39	0.334	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Arsenic, Total	6.34		mg/kg	0.878	0.183	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Barium, Total	332		mg/kg	0.878	0.153	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Beryllium, Total	0.342	J	mg/kg	0.439	0.029	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Cadmium, Total	1.18		mg/kg	0.878	0.086	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Calcium, Total	17600		mg/kg	8.78	3.07	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Chromium, Total	25.9		mg/kg	0.878	0.084	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Cobalt, Total	5.25		mg/kg	1.76	0.146	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Copper, Total	136		mg/kg	0.878	0.226	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Iron, Total	21200		mg/kg	4.39	0.793	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Lead, Total	762		mg/kg	4.39	0.235	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Magnesium, Total	2760		mg/kg	8.78	1.35	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Manganese, Total	203		mg/kg	0.878	0.140	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Mercury, Total	0.136		mg/kg	0.073	0.015	1	06/27/18 09:00	06/27/18 12:01	EPA 7471B	1,7471B	MG
Nickel, Total	25.2		mg/kg	2.20	0.212	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Potassium, Total	1280		mg/kg	220	12.6	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Selenium, Total	0.623	J	mg/kg	1.76	0.226	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.878	0.248	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Sodium, Total	965		mg/kg	176	2.77	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.76	0.277	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Vanadium, Total	24.9		mg/kg	0.878	0.178	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC
Zinc, Total	297		mg/kg	4.39	0.257	2	07/02/18 17:20	07/02/18 22:46	EPA 3050B	1,6010D	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	26		mg/kg	0.93	0.93	1		07/02/18 22:46	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23

Date Collected: 06/25/18 15:00

Client ID: 38/39-WC (0-8)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/18 17:10

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Barium, TCLP	0.309	J	mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Lead, TCLP	0.183	J	mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 18:10	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB
Zinc, TCLP	1.03		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 20:12	EPA 3015	1,6010C	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS**

Lab ID: L1824054-23

Date Collected: 06/25/18 15:00

Client ID: 38/39-WC (0-8)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9440		mg/kg	8.69	2.34	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Antimony, Total	1.34	J	mg/kg	4.34	0.330	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Arsenic, Total	10.1		mg/kg	0.869	0.181	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Barium, Total	85.6		mg/kg	0.869	0.151	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Beryllium, Total	0.382	J	mg/kg	0.434	0.029	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Cadmium, Total	0.721	J	mg/kg	0.869	0.085	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Calcium, Total	10500		mg/kg	8.69	3.04	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Chromium, Total	16.2		mg/kg	0.869	0.083	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Cobalt, Total	5.23		mg/kg	1.74	0.144	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Copper, Total	25.7		mg/kg	0.869	0.224	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Iron, Total	13400		mg/kg	4.34	0.784	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Lead, Total	101		mg/kg	4.34	0.233	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Magnesium, Total	2970		mg/kg	8.69	1.34	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Manganese, Total	292		mg/kg	0.869	0.138	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Mercury, Total	0.349		mg/kg	0.074	0.016	1	06/27/18 09:00	06/27/18 12:03	EPA 7471B	1,7471B	MG
Nickel, Total	15.2		mg/kg	2.17	0.210	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Potassium, Total	686		mg/kg	217	12.5	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Selenium, Total	0.678	J	mg/kg	1.74	0.224	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.869	0.246	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Sodium, Total	182		mg/kg	174	2.74	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.74	0.274	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Vanadium, Total	32.8		mg/kg	0.869	0.176	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC
Zinc, Total	103		mg/kg	4.34	0.254	2	07/02/18 17:20	07/02/18 22:22	EPA 3050B	1,6010D	MC

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.93	0.93	1		07/02/18 22:22	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130158-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/27/18 09:00	06/27/18 11:21	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130724-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 11:03	06/28/18 17:30	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/26/18 17:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130745-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Nickel, TCLP	ND		mg/l	0.500	0.024	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB
Zinc, TCLP	ND		mg/l	0.500	0.021	1	06/28/18 13:19	06/28/18 16:45	1,6010C	AB

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/26/18 17:10



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,08-09,11-12,16,18-19 Batch: WG1131957-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Antimony, Total	ND	mg/kg	2.00	0.152	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Arsenic, Total	ND	mg/kg	0.400	0.083	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Barium, Total	ND	mg/kg	0.400	0.070	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Beryllium, Total	ND	mg/kg	0.200	0.013	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Cadmium, Total	ND	mg/kg	0.400	0.039	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Calcium, Total	ND	mg/kg	4.00	1.40	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Chromium, Total	ND	mg/kg	0.400	0.038	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Cobalt, Total	ND	mg/kg	0.800	0.066	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Copper, Total	ND	mg/kg	0.400	0.103	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Iron, Total	ND	mg/kg	2.00	0.361	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Lead, Total	ND	mg/kg	2.00	0.107	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Magnesium, Total	ND	mg/kg	4.00	0.616	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Manganese, Total	ND	mg/kg	0.400	0.064	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Nickel, Total	ND	mg/kg	1.00	0.097	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Potassium, Total	ND	mg/kg	100	5.76	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Selenium, Total	ND	mg/kg	0.800	0.103	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Silver, Total	ND	mg/kg	0.400	0.113	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Sodium, Total	ND	mg/kg	80.0	1.26	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Thallium, Total	ND	mg/kg	0.800	0.126	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Vanadium, Total	ND	mg/kg	0.400	0.081	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC
Zinc, Total	ND	mg/kg	2.00	0.117	1	07/02/18 16:37	07/02/18 22:56	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21,23 Batch: WG1131963-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Antimony, Total	ND	mg/kg	2.00	0.152	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Arsenic, Total	ND	mg/kg	0.400	0.083	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Barium, Total	ND	mg/kg	0.400	0.070	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.200	0.013	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Cadmium, Total	ND	mg/kg	0.400	0.039	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Calcium, Total	ND	mg/kg	4.00	1.40	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Chromium, Total	ND	mg/kg	0.400	0.038	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Cobalt, Total	ND	mg/kg	0.800	0.066	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Copper, Total	ND	mg/kg	0.400	0.103	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Iron, Total	ND	mg/kg	2.00	0.361	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Magnesium, Total	ND	mg/kg	4.00	0.616	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Manganese, Total	ND	mg/kg	0.400	0.064	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Nickel, Total	ND	mg/kg	1.00	0.097	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Potassium, Total	ND	mg/kg	100	5.76	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Selenium, Total	ND	mg/kg	0.800	0.103	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Silver, Total	ND	mg/kg	0.400	0.113	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Sodium, Total	ND	mg/kg	80.0	1.26	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Thallium, Total	ND	mg/kg	0.800	0.126	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Vanadium, Total	ND	mg/kg	0.400	0.081	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC
Zinc, Total	ND	mg/kg	2.00	0.117	1	07/02/18 17:20	07/02/18 22:12	1,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130158-2 SRM Lot Number: D098-540								
Mercury, Total	111		-		50-149	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130724-2								
Mercury, TCLP	93		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130745-2								
Arsenic, TCLP	95		-		75-125	-		20
Barium, TCLP	90		-		75-125	-		20
Cadmium, TCLP	92		-		75-125	-		20
Chromium, TCLP	92		-		75-125	-		20
Copper, TCLP	90		-		75-125	-		20
Lead, TCLP	88		-		75-125	-		20
Nickel, TCLP	87		-		75-125	-		20
Selenium, TCLP	94		-		75-125	-		20
Silver, TCLP	88		-		75-125	-		20
Zinc, TCLP	94		-		75-125	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 Batch: WG1131957-2 SRM Lot Number: D098-540					
Aluminum, Total	75	-	47-153	-	
Antimony, Total	163	-	6-194	-	
Arsenic, Total	106	-	83-117	-	
Barium, Total	100	-	82-118	-	
Beryllium, Total	103	-	83-117	-	
Cadmium, Total	102	-	82-117	-	
Calcium, Total	101	-	81-118	-	
Chromium, Total	101	-	83-119	-	
Cobalt, Total	103	-	84-116	-	
Copper, Total	103	-	84-116	-	
Iron, Total	99	-	60-140	-	
Lead, Total	96	-	82-117	-	
Magnesium, Total	85	-	76-124	-	
Manganese, Total	101	-	82-118	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	94	-	69-131	-	
Selenium, Total	109	-	78-121	-	
Silver, Total	108	-	80-120	-	
Sodium, Total	108	-	74-126	-	
Thallium, Total	96	-	80-119	-	
Vanadium, Total	100	-	79-121	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 Batch: WG1131957-2 SRM Lot Number: D098-540					
Zinc, Total	102	-	81-119	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23 Batch: WG1131963-2 SRM Lot Number: D098-540					
Aluminum, Total	76	-	47-153	-	
Antimony, Total	164	-	6-194	-	
Arsenic, Total	101	-	83-117	-	
Barium, Total	94	-	82-118	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Calcium, Total	94	-	81-118	-	
Chromium, Total	95	-	83-119	-	
Cobalt, Total	97	-	84-116	-	
Copper, Total	98	-	84-116	-	
Iron, Total	94	-	60-140	-	
Lead, Total	93	-	82-117	-	
Magnesium, Total	87	-	76-124	-	
Manganese, Total	98	-	82-118	-	
Nickel, Total	97	-	82-117	-	
Potassium, Total	88	-	69-131	-	
Selenium, Total	104	-	78-121	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	99	-	74-126	-	
Thallium, Total	94	-	80-119	-	
Vanadium, Total	95	-	79-121	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23 Batch: WG1131963-2 SRM Lot Number: D098-540					
Zinc, Total	95	-	81-119	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130158-3 QC Sample: L1824206-01 Client ID: MS Sample												
Mercury, Total	0.020J	0.133	0.178	134	Q	-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130724-3 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)												
Mercury, TCLP	ND	0.025	0.020	80		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130745-3 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)												
Arsenic, TCLP	ND	1.2	1.13	94		-	-		75-125	-		20
Barium, TCLP	0.293J	20	18.0	90		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.467	92		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.76	88		-	-		75-125	-		20
Copper, TCLP	ND	2.5	2.19	88		-	-		75-125	-		20
Lead, TCLP	2.52	5.1	6.84	85		-	-		75-125	-		20
Nickel, TCLP	ND	5	4.32	86		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.13	94		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.439	88		-	-		75-125	-		20
Zinc, TCLP	0.322J	5	4.97	99		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 MS Sample									
QC Batch ID: WG1131957-3					QC Sample: L1823773-03		Client ID:		
Aluminum, Total	4410	161	5240	516	Q	-	75-125	-	20
Antimony, Total	ND	40.2	34.6	86		-	75-125	-	20
Arsenic, Total	2.41	9.64	11.2	91		-	75-125	-	20
Barium, Total	73.9	161	218	90		-	75-125	-	20
Beryllium, Total	0.252J	4.02	3.78	94		-	75-125	-	20
Cadmium, Total	ND	4.1	2.96	72	Q	-	75-125	-	20
Calcium, Total	6140	803	5960	0	Q	-	75-125	-	20
Chromium, Total	11.1	16.1	27.1	100		-	75-125	-	20
Cobalt, Total	6.68	40.2	40.5	84		-	75-125	-	20
Copper, Total	24.5	20.1	41.9	87		-	75-125	-	20
Iron, Total	15900	80.3	17100	1490	Q	-	75-125	-	20
Lead, Total	106.	41	66.0	0	Q	-	75-125	-	20
Magnesium, Total	2780	803	3460	85		-	75-125	-	20
Manganese, Total	348.	40.2	633	709	Q	-	75-125	-	20
Nickel, Total	16.9	40.2	51.8	87		-	75-125	-	20
Potassium, Total	1270	803	2220	118		-	75-125	-	20
Selenium, Total	0.371J	9.64	8.68	90		-	75-125	-	20
Silver, Total	ND	24.1	23.2	96		-	75-125	-	20
Sodium, Total	175.	803	952	97		-	75-125	-	20
Thallium, Total	ND	9.64	7.01	73	Q	-	75-125	-	20
Vanadium, Total	19.8	40.2	58.7	97		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 MS Sample									
Zinc, Total	35.1	40.2	70.1	87	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23			QC Batch ID: WG1131963-3			QC Sample: L1824054-23		Client ID: 38/39-WC (0-8)		
Aluminum, Total	9440	175	9950	292	Q	-	-	75-125	-	20
Antimony, Total	1.34J	43.7	39.8	91		-	-	75-125	-	20
Arsenic, Total	10.1	10.5	17.0	66	Q	-	-	75-125	-	20
Barium, Total	85.6	175	266	103		-	-	75-125	-	20
Beryllium, Total	0.382J	4.37	4.20	96		-	-	75-125	-	20
Cadmium, Total	0.721J	4.45	4.68	105		-	-	75-125	-	20
Calcium, Total	10500	873	10500	0	Q	-	-	75-125	-	20
Chromium, Total	16.2	17.5	31.5	88		-	-	75-125	-	20
Cobalt, Total	5.23	43.7	41.2	82		-	-	75-125	-	20
Copper, Total	25.7	21.8	41.8	74	Q	-	-	75-125	-	20
Iron, Total	13400	87.3	12200	0	Q	-	-	75-125	-	20
Lead, Total	101.	44.5	134	74	Q	-	-	75-125	-	20
Magnesium, Total	2970	873	4010	119		-	-	75-125	-	20
Manganese, Total	292.	43.7	284	0	Q	-	-	75-125	-	20
Nickel, Total	15.2	43.7	54.2	89		-	-	75-125	-	20
Potassium, Total	686.	873	1460	89		-	-	75-125	-	20
Selenium, Total	0.678J	10.5	9.89	94		-	-	75-125	-	20
Silver, Total	ND	26.2	25.6	98		-	-	75-125	-	20
Sodium, Total	182.	873	1020	96		-	-	75-125	-	20
Thallium, Total	ND	10.5	8.36	80		-	-	75-125	-	20
Vanadium, Total	32.8	43.7	66.5	77		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23 QC Batch ID: WG1131963-3 QC Sample: L1824054-23 Client ID: 38/39-WC (0-8)									
Zinc, Total	103.	43.7	141	87	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130158-4 QC Sample: L1824206-01 Client ID: DUP Sample						
Mercury, Total	0.020J	0.020J	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130724-4 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130745-4 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.293J	0.299J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Copper, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	2.52	2.50	mg/l	1		20
Nickel, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
Zinc, TCLP	0.322J	0.318J	mg/l	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 QC Batch ID: WG1131957-4 QC Sample: L1823773-03 Client ID: DUP Sample					
Aluminum, Total	4410	4250	mg/kg	4	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.41	2.11	mg/kg	13	20
Barium, Total	73.9	61.1	mg/kg	19	20
Beryllium, Total	0.252J	0.236J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	6140	5900	mg/kg	4	20
Chromium, Total	11.1	13.3	mg/kg	18	20
Cobalt, Total	6.68	6.32	mg/kg	6	20
Copper, Total	24.5	20.7	mg/kg	17	20
Iron, Total	15900	14800	mg/kg	7	20
Lead, Total	106.	33.8	mg/kg	103	Q 20
Magnesium, Total	2780	2750	mg/kg	1	20
Manganese, Total	348.	406	mg/kg	15	20
Nickel, Total	16.9	18.1	mg/kg	7	20
Potassium, Total	1270	1160	mg/kg	9	20
Selenium, Total	0.371J	0.668J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	175.	165	mg/kg	6	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 QC Batch ID: WG1131957-4 QC Sample: L1823773-03 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	19.8	19.8	mg/kg	0	20
Zinc, Total	35.1	31.0	mg/kg	12	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23 QC Batch ID: WG1131963-4 QC Sample: L1824054-23 Client ID: 38/39-WC (0-8)					
Aluminum, Total	9440	8430	mg/kg	11	20
Antimony, Total	1.34J	1.04J	mg/kg	NC	20
Arsenic, Total	10.1	10.1	mg/kg	0	20
Barium, Total	85.6	72.8	mg/kg	16	20
Beryllium, Total	0.382J	0.372J	mg/kg	NC	20
Cadmium, Total	0.721J	0.635J	mg/kg	NC	20
Calcium, Total	10500	5810	mg/kg	58	Q 20
Chromium, Total	16.2	14.6	mg/kg	10	20
Cobalt, Total	5.23	4.36	mg/kg	18	20
Copper, Total	25.7	24.3	mg/kg	6	20
Iron, Total	13400	12000	mg/kg	11	20
Lead, Total	101.	85.5	mg/kg	17	20
Magnesium, Total	2970	2380	mg/kg	22	Q 20
Manganese, Total	292.	252	mg/kg	15	20
Nickel, Total	15.2	15.2	mg/kg	0	20
Potassium, Total	686.	547	mg/kg	23	Q 20
Selenium, Total	0.678J	0.472J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	182.	123J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21,23 QC Batch ID: WG1131963-4 QC Sample: L1824054-23 Client ID: 38/39-WC (0-8)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	32.8	21.2	mg/kg	43 Q	20
Zinc, Total	103.	99.3	mg/kg	4	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-03
Client ID: 49/50-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-08
Client ID: 37-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-16
Client ID: 36-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-19
Client ID: X35-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/18 06:03	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-01
Client ID: 59/60-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.18		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	4.0		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/26/18 23:00	06/27/18 14:02	1,9010C/9012B	LH
pH (H)	8.6		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	375		mg/kg	221	221.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.883	0.177	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:26	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:49	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-02**Client ID:** 59-WC (0-1)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 11:05**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-03
Client ID: 49/50-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 13:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.66		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	2.8		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/27/18 11:35	06/27/18 15:14	1,9010C/9012B	LH
pH (H)	10.1		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	376		mg/kg	228	228.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:27	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:50	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-04**Client ID:** 49-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 13:05**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-05
Client ID: 20/30-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.34		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	5.4		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/27/18 11:35	06/27/18 15:15	1,9010C/9012B	LH
pH (H)	9.6		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	543		mg/kg	236	236.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:27	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:50	125,7.3	CW
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	06/27/18 17:08	1,9095B	AS



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-06**Client ID:** 30-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 14:30**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-07**Client ID:** 37-WC (4-5)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 11:37**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-08
Client ID: 37-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:40
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.22		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	15		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/27/18 11:35	06/27/18 15:16	1,9010C/9012B	LH
pH (H)	8.9		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	3080		mg/kg	235	235.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.941	0.188	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:27	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:50	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-09
Client ID: X34-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:50
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	4.92		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	1.2		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/27/18 11:35	06/27/18 15:17	1,9010C/9012B	LH
pH (H)	7.4		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	ND		mg/kg	262	262.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	0.471	J	mg/kg	1.05	0.209	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:27	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:50	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-10**Client ID:** X34-WC (14-15)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 09:45**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-11
Client ID: 35-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.88		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	12		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	0.31	J	mg/kg	1.1	0.23	1	06/27/18 11:35	06/27/18 15:18	1,9010C/9012B	LH
pH (H)	10.2		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	578		mg/kg	236	236.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.944	0.189	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:27	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:51	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-12
Client ID: 34-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:20
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.55		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	7.2		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/27/18 11:35	06/27/18 15:19	1,9010C/9012B	LH
pH (H)	9.9		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	5110		mg/kg	227	227.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:28	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:51	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-13**Client ID:** 34-WC (5-6)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 09:25**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-14**Client ID:** 35-WC (5-6)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 09:05**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-15**Client ID:** 36-WC (6-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 09:35**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-16
Client ID: 36-WC (0-9)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:37
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.68		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	5.0		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/27/18 11:35	06/27/18 15:24	1,9010C/9012B	LH
pH (H)	10.5		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	552		mg/kg	240	240.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.959	0.192	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:28	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:51	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-17**Client ID:** X36-WC (13-14)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 11:07**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-18
Client ID: X36/X37-WC (9-14)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 11:10
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.01		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	1.0		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/27/18 11:35	06/27/18 15:25	1,9010C/9012B	LH
pH (H)	9.6		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	1200		mg/kg	248	248.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.990	0.198	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:28	125,7.3	CW
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:52	125,7.3	CW



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-19
Client ID: X35-WC (9-18)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 09:22
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.03		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI
Solids, Total Volatile	2.1		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.2	0.25	1	06/27/18 11:35	06/27/18 15:26	1,9010C/9012B	LH
pH (H)	7.6		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	9940		mg/kg	245	245.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.982	0.196	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:06	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:18	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-20**Client ID:** X35-WC (11-12)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 09:20**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	06/26/18 11:26	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-21
Client ID: 17/27-WC (0-11)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 14:18
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.47		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	06/26/18 11:50	121,2540G	RI
Solids, Total Volatile	3.3		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/18 11:35	06/27/18 15:27	1,9010C/9012B	LH
pH (H)	10.4		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	544		mg/kg	231	231.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.926	0.185	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:06	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:18	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-22**Client ID:** 27-WC (10-11)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 14:15**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	06/26/18 11:50	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-23
Client ID: 38/39-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/25/18 15:00
Date Received: 06/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.02		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/26/18 11:50	121,2540G	RI
Solids, Total Volatile	3.3		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
Cyanide, Total	0.28	J	mg/kg	1.1	0.22	1	06/27/18 11:35	06/27/18 15:28	1,9010C/9012B	LH
pH (H)	9.1		SU	-	NA	1	-	06/26/18 06:56	1,9045D	MA
Oil & Grease, Hem-Grav	2030		mg/kg	232	232.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.927	0.185	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:06	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:18	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-24**Client ID:** 38-WC (3-4)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/25/18 14:55**Date Received:** 06/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	06/26/18 11:50	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-25**Date Collected:** 06/25/18 11:00**Client ID:** ASTM LEACHATE OF 59/60-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	220		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.033	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:38	121,4500NH3-BH	AT
Chemical Oxygen Demand	10.	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:30	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-26**Date Collected:** 06/25/18 13:00**Client ID:** ASTM LEACHATE OF 49/50-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	160		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.061	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:39	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:25	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-27**Date Collected:** 06/25/18 14:20**Client ID:** ASTM LEACHATE OF 20/30-WC (0-8)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	350		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:40	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:25	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-28**Date Collected:** 06/25/18 11:40**Client ID:** ASTM LEACHATE OF 37-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	180		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:41	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:25	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-29**Date Collected:** 06/25/18 09:50**Client ID:** ASTM LEACHATE OF 34-WC (9-18)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	140		mg/l	20	NA	2	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:42	121,4500NH3-BH	AT
Chemical Oxygen Demand	7.7	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:26	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-31**Date Collected:** 06/25/18 09:10**Client ID:** ASTM LEACHATE OF 35-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	230		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.052	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:43	121,4500NH3-BH	AT
Chemical Oxygen Demand	19.	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:26	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824054

Project Number: 2861.0001Y000

Report Date: 07/05/18

SAMPLE RESULTS

Lab ID: L1824054-32

Date Collected: 06/25/18 09:20

Client ID: ASTM LEACHATE OF 34-WC (0-9)

Date Received: 06/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	730		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.024	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:46	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:26	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-33**Date Collected:** 06/25/18 09:37**Client ID:** ASTM LEACHATE OF 36-WC (0-9)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	230		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.040	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:47	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:26	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-34**Date Collected:** 06/25/18 11:10**Client ID:** ASTM LEACHATE OF X36/X37-WC (9-14)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	220		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.046	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:48	121,4500NH3-BH	AT
Chemical Oxygen Demand	10.	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:30	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 20:45	06/27/18 21:45	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-35**Date Collected:** 06/25/18 09:22**Client ID:** ASTM LEACHATE OF X35-WC (9-18)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.059	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:49	121,4500NH3-BH	AT
Chemical Oxygen Demand	19.	J	mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:27	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 20:45	06/27/18 21:45	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-36**Date Collected:** 06/25/18 14:18**Client ID:** ASTM LEACHATE OF 17/27-WC (0-11)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	220		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.040	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:50	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:31	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 20:45	06/27/18 21:45	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18**SAMPLE RESULTS****Lab ID:** L1824054-37**Date Collected:** 06/25/18 15:00**Client ID:** ASTM LEACHATE OF 38/39-WC (0-8)**Date Received:** 06/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	460		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
Nitrogen, Ammonia	0.032	J	mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:51	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:27	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 20:45	06/27/18 21:45	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824054**Project Number:** 2861.0001Y000**Report Date:** 07/05/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1129967-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/26/18 23:00	06/27/18 13:44	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 25-29,31-37 Batch: WG1130145-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/28/18 06:30	06/28/18 10:24	121,5220D	DW
General Chemistry - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1130147-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/27/18 14:15	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 25-29,31-35 Batch: WG1130151-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 36-37 Batch: WG1130152-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/28/18 13:05	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 03,05,08-09,11 Batch: WG1130241-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	06/27/18 11:35	06/27/18 14:58	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 12,16,18-19,21,23 Batch: WG1130242-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	06/27/18 11:35	06/27/18 14:59	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 25-29,31-33 Batch: WG1130405-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 17:30	06/27/18 18:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01,03,05,08-09,11 Batch: WG1130406-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/27/18 17:00	06/27/18 23:30	1,9071B	ML
General Chemistry - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18 Batch: WG1130457-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 20:46	125,7.3	CW
General Chemistry - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18 Batch: WG1130459-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/27/18 19:10	06/27/18 21:24	125,7.3	CW
General Chemistry - Westborough Lab for sample(s): 34-37 Batch: WG1130473-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/27/18 20:45	06/27/18 21:45	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19 Batch: WG1130480-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 21,23 Batch: WG1130481-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/27/18 15:45	06/28/18 09:01	1,7196A	NH



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 19,21,23 Batch: WG1130509-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:13	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 19,21,23 Batch: WG1130513-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/28/18 01:45	06/28/18 03:01	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 25-29,31-37 Batch: WG1130518-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/28/18 01:00	06/28/18 21:22	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 12,16,18-19,21,23 Batch: WG1130942-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/28/18 16:30	06/28/19 21:45	1,9071B	ML
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1131553-1										
pH, Extraction Post-Filtration	4.91		SU	-	NA	1	-	06/27/18 09:10	1,1311	LF

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824054**Report Date:** 07/05/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 Batch: WG1129705-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1129967-2 WG1129967-3								
Cyanide, Total	83		72	Q	80-120	15		35
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 Batch: WG1130145-2								
Chemical Oxygen Demand	91		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-35 Batch: WG1130151-2								
Solids, Total	89		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 36-37 Batch: WG1130152-2								
Solids, Total	89		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 03,05,08-09,11 Batch: WG1130241-2 WG1130241-3								
Cyanide, Total	75	Q	72	Q	80-120	7		35
General Chemistry - Westborough Lab Associated sample(s): 12,16,18-19,21,23 Batch: WG1130242-2 WG1130242-3								
Cyanide, Total	75	Q	71	Q	80-120	8		35

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-33 Batch: WG1130405-2					
Oil & Grease, Hem-Grav	88	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11 Batch: WG1130406-2					
Oil & Grease, Hem-Grav	99	-	64-132	-	34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18 Batch: WG1130457-2					
Sulfide, Reactive	73	-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18 Batch: WG1130459-2					
Cyanide, Reactive	78	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 34-37 Batch: WG1130473-2					
Oil & Grease, Hem-Grav	96	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 Batch: WG1130480-2					
Chromium, Hexavalent	76	Q	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 21,23 Batch: WG1130481-2					
Chromium, Hexavalent	76	Q	80-120	-	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824054
Report Date: 07/05/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 19,21,23 Batch: WG1130509-2					
Sulfide, Reactive	117	-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 19,21,23 Batch: WG1130513-2					
Cyanide, Reactive	73	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 Batch: WG1130518-2					
Nitrogen, Ammonia	92	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 12,16,18-19,21,23 Batch: WG1130942-2					
Oil & Grease, Hem-Grav	96	-	64-132	-	34

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1129967-4 WG1129967-5 QC Sample: L1823834-01 Client ID: MS Sample												
Cyanide, Total	ND	12	11	94		11	91		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 QC Batch ID: WG1130145-4 QC Sample: L1824054-25 Client ID: ASTM LEACHATE OF 59/60-WC (0-9)												
Chemical Oxygen Demand	10.J	238	210	90		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 03,05,08-09,11 QC Batch ID: WG1130241-4 WG1130241-5 QC Sample: L1824292-01 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 12,16,18-19,21,23 QC Batch ID: WG1130242-4 WG1130242-5 QC Sample: L1824054-12 Client ID: 34-WC (0-9)												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-33 QC Batch ID: WG1130405-4 QC Sample: L1822565-01 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	32	79		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11 QC Batch ID: WG1130406-4 QC Sample: L1824054-03 Client ID: 49/50-WC (0-9)												
Oil & Grease, Hem-Grav	376.	4560	5200	106		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 34-37 QC Batch ID: WG1130473-4 QC Sample: L1822806-03 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	36	90		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 QC Batch ID: WG1130480-4 QC Sample: L1824054-11 Client ID: 35-WC (0-9)												
Chromium, Hexavalent	ND	1380	1310	95		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 21,23 QC Batch ID: WG1130481-4 QC Sample: L1824059-05 Client ID: MS Sample									
Chromium, Hexavalent	ND	908	918	101	-	-	75-125	-	20
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 QC Batch ID: WG1130518-4 QC Sample: L1823973-02 Client ID: MS Sample									
Nitrogen, Ammonia	37.3	4	40.9	90	-	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 12,16,18-19,21,23 QC Batch ID: WG1130942-4 QC Sample: L1824054-21 Client ID: 17/27-WC (0-11)									
Oil & Grease, Hem-Grav	544.	4630	5360	104	-	-	64-132	-	34

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1129705-2 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						
pH (H)	8.6	8.8	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1129807-1 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						
Solids, Total	90.6	90.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-24 QC Batch ID: WG1129815-1 QC Sample: L1824036-01 Client ID: DUP Sample						
Solids, Total	84.1	92.0	%	9		20
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 QC Batch ID: WG1130145-3 QC Sample: L1824054-25 Client ID: ASTM LEACHATE OF 59/60-WC (0-9)						
Chemical Oxygen Demand	10.J	10.J	mg/l	NC		12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19,21,23 QC Batch ID: WG1130147-2 QC Sample: L1824054-01 Client ID: 59/60-WC (0-9)						
Solids, Total Volatile	4.0	3.6	%	11		11
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-35 QC Batch ID: WG1130151-3 QC Sample: L1824054-25 Client ID: ASTM LEACHATE OF 59/60-WC (0-9)						
Solids, Total	220	220	mg/l	0		16
General Chemistry - Westborough Lab Associated sample(s): 36-37 QC Batch ID: WG1130152-3 QC Sample: L1824054-36 Client ID: ASTM LEACHATE OF 17/27-WC (0-11)						
Solids, Total	220	210	mg/l	5		16

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824054

Report Date: 07/05/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-33 QC Batch ID: WG1130405-3 QC Sample: L1822646-02 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11 QC Batch ID: WG1130406-3 QC Sample: L1824054-03 Client ID: 49/50-WC (0-9)					
Oil & Grease, Hem-Grav	376.	399	mg/kg	6	34
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18 QC Batch ID: WG1130457-3 QC Sample: L1824054-18 Client ID: X36/X37-WC (9-14)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18 QC Batch ID: WG1130459-3 QC Sample: L1824054-18 Client ID: X36/X37-WC (9-14)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 34-37 QC Batch ID: WG1130473-3 QC Sample: L1822806-02 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,08-09,11-12,16,18-19 QC Batch ID: WG1130480-6 QC Sample: L1824054-11 Client ID: 35-WC (0-9)					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 21,23 QC Batch ID: WG1130481-6 QC Sample: L1824059-05 Client ID: DUP Sample					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 19,21,23 QC Batch ID: WG1130509-3 QC Sample: L1824054-19 Client ID: X35-WC (9-18)					
Sulfide, Reactive	ND	ND	mg/kg	NC	40

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Lab Duplicate Analysis

Batch Quality Control

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Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 19,21,23 QC Batch ID: WG1130513-3 QC Sample: L1824054-19 Client ID: X35-WC (9-18)					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 25-29,31-37 QC Batch ID: WG1130518-3 QC Sample: L1823973-02 Client ID: DUP Sample					
Nitrogen, Ammonia	37.3	37.7	mg/l	1	20
General Chemistry - Westborough Lab Associated sample(s): 12,16,18-19,21,23 QC Batch ID: WG1130942-3 QC Sample: L1824054-21 Client ID: 17/27-WC (0-11)					
Oil & Grease, Hem-Grav	544.	509	mg/kg	7	34

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
C	Absent
D	Absent
F	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-01B	Glass 120ml/4oz unpreserved	D	NA		2.5	Y	Absent		HEXCR-7196(30)
L1824054-01C	Glass 250ml/8oz unpreserved	D	NA		2.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-01D	Glass 500ml/16oz unpreserved	D	NA		2.5	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-01V9	Tumble Vessel	D	NA		2.5	Y	Absent		-
L1824054-01W	Amber 1000ml unpreserved Extracts	D	NA		2.5	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-01X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-01X9	Tumble Vessel	D	NA		2.5	Y	Absent		-
L1824054-02A	5 gram Encore Sampler	D	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L1824054-02B	5 gram Encore Sampler	D	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L1824054-02C	5 gram Encore Sampler	D	NA		2.5	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-02D	Plastic 2oz unpreserved for TS	D	NA		2.5	Y	Absent		TS(7)
L1824054-02E	Vial Large Septa unpreserved (4oz)	D	NA		2.5	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-02S	Vial unpreserved Extracts	D	NA		2.5	Y	Absent		TCLP-VOA(14)
L1824054-02T	Vial unpreserved Extracts	D	NA		2.5	Y	Absent		TCLP-VOA(14)
L1824054-02X	Vial MeOH preserved split	D	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L1824054-02Y	Vial Water preserved split	D	NA		2.5	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-02Z	Vial Water preserved split	D	NA		2.5	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-03A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1824054-03B	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		HEXCR-7196(30)
L1824054-03C	Glass 250ml/8oz unpreserved	C	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-03D	Glass 500ml/16oz unpreserved	C	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-03V9	Tumble Vessel	C	NA		4.6	Y	Absent		-
L1824054-03W	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-03X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-03X9	Tumble Vessel	C	NA		4.6	Y	Absent		-
L1824054-04A	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-04B	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-04C	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-04D	Plastic 2oz unpreserved for TS	C	NA		4.6	Y	Absent		TS(7)
L1824054-04E	Vial Large Septa unpreserved (4oz)	C	NA		4.6	Y	Absent		TCLP-EXT-ZHE(14)

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L1824054-04S	Vial unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-VOA(14)
L1824054-04T	Vial unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-VOA(14)
L1824054-04X	Vial MeOH preserved split	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-04Y	Vial Water preserved split	C	NA		4.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-04Z	Vial Water preserved split	C	NA		4.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1824054-05B	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		HEXCR-7196(30)
L1824054-05C	Glass 120ml/4oz unpreserved	C	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-05D	Glass 250ml/8oz unpreserved	C	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-05E	Glass 500ml/16oz unpreserved	C	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-05V9	Tumble Vessel	C	NA		4.6	Y	Absent		-
L1824054-05W	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-05X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-05X9	Tumble Vessel	C	NA		4.6	Y	Absent		-
L1824054-06A	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-06B	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-06C	5 gram Encore Sampler	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)

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L1824054-06D	Plastic 2oz unpreserved for TS	C	NA		4.6	Y	Absent		TS(7)
L1824054-06E	Vial Large Septa unpreserved (4oz)	C	NA		4.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-06S	Vial unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-VOA(14)
L1824054-06T	Vial unpreserved Extracts	C	NA		4.6	Y	Absent		TCLP-VOA(14)
L1824054-06X	Vial MeOH preserved split	C	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-06Y	Vial Water preserved split	C	NA		4.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-06Z	Vial Water preserved split	C	NA		4.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-07A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-07B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-07C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-07D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-07E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-07S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-07T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-07X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-07Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-07Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-08A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-08B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-08C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-08D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-08V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-08W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-08X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-08X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-09A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-09B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-09C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-09D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-09V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-09W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-09X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-09X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-10A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-10B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-10C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-10D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-10E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-10S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-10T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)

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L1824054-10X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-10Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-10Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-11A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-11B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-11C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-11D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-11V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-11W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-11X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-11X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-12A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-12B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-12C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)

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L1824054-12D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-12V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-12W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-12X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-12X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-13A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-13B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-13C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-13D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-13E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-13S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-13T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-13X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-13Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-13Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-14A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-14B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-14C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-14D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-14E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-14S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-14T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-14X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-14Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-14Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)

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L1824054-15A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-15B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-15C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-15D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-15E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-15S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-15T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-15X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-15Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-15Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-16A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1824054-16B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-16C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-16D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-16V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-16W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-16X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-16X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-17A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-17B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

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L1824054-17C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-17D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-17E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-17S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-17T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-17X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-17Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-17Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-18A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-18B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-18C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-18D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-18V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-18W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-18X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-18X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-19A	Metals Only-Glass 60mL/2oz unpreserved	F	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

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L1824054-19B	Glass 120ml/4oz unpreserved	F	NA		2.6	Y	Absent		HEXCR-7196(30)
L1824054-19C	Glass 250ml/8oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-19D	Glass 500ml/16oz unpreserved	F	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-19V9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-19W	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-19X	Plastic 120ml HNO3 preserved Extracts	F	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-19X9	Tumble Vessel	F	NA		2.6	Y	Absent		-
L1824054-20A	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-20B	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-20C	5 gram Encore Sampler	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-20D	Plastic 2oz unpreserved for TS	F	NA		2.6	Y	Absent		TS(7)
L1824054-20E	Vial Large Septa unpreserved (4oz)	F	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-20S	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-20T	Vial unpreserved Extracts	F	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-20X	Vial MeOH preserved split	F	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-20Y	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-20Z	Vial Water preserved split	F	NA		2.6	Y	Absent	26-JUN-18 07:12	NYTCL-8260HLW(14)
L1824054-21A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-21B	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HEXCR-7196(30)

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L1824054-21C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-21D	Glass 500ml/16oz unpreserved	A	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-21V9	Tumble Vessel	A	NA		2.6	Y	Absent		-
L1824054-21W	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-21X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-21X9	Tumble Vessel	A	NA		2.6	Y	Absent		-
L1824054-22A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-22B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-22C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-22D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1824054-22E	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-22S	Vial unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-22T	Vial unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-22X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-22Y	Vial Water preserved split	A	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-22Z	Vial Water preserved split	A	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-23A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824054-23B	Glass 120ml/4oz unpreserved	A	NA		2.6	Y	Absent		HEXCR-7196(30)

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L1824054-23C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-23D	Glass 500ml/16oz unpreserved	A	NA		2.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824054-23V9	Tumble Vessel	A	NA		2.6	Y	Absent		-
L1824054-23W	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824054-23X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824054-23X9	Tumble Vessel	A	NA		2.6	Y	Absent		-
L1824054-24A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-24B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-24C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-24D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1824054-24E	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		TCLP-EXT-ZHE(14)
L1824054-24S	Vial unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-24T	Vial unpreserved Extracts	A	NA		2.6	Y	Absent		TCLP-VOA(14)
L1824054-24X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1824054-24Y	Vial Water preserved split	A	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-24Z	Vial Water preserved split	A	NA		2.6	Y	Absent	26-JUN-18 07:11	NYTCL-8260HLW(14)
L1824054-25A	Amber 1000ml unpreserved Extracts	D	NA		2.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-25A1	Amber 1000ml unpreserved Extracts	D	NA		2.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-25B	Amber 1000ml unpreserved Extracts	D	NA		2.5	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-25C	Plastic 500ml H2SO4 preserved split	D	NA		2.5	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-25D	Amber 1000ml HCl preserved split	D	NA		2.5	Y	Absent		OG-1664(28)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-25E	Plastic 250ml unpreserved split	D	NA		2.5	Y	Absent		TSC-2540(7)
L1824054-26A	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-26A1	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-26B	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-26C	Plastic 500ml H2SO4 preserved split	C	NA		4.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-26D	Amber 1000ml HCl preserved split	C	NA		4.6	Y	Absent		OG-1664(28)
L1824054-26E	Plastic 250ml unpreserved split	C	NA		4.6	Y	Absent		TSC-2540(7)
L1824054-27A	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-27A1	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-27B	Amber 1000ml unpreserved Extracts	C	NA		4.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-27C	Plastic 500ml H2SO4 preserved split	C	NA		4.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-27D	Amber 1000ml HCl preserved split	C	NA		4.6	Y	Absent		OG-1664(28)
L1824054-27E	Plastic 250ml unpreserved split	C	NA		4.6	Y	Absent		TSC-2540(7)
L1824054-28A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-28A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-28B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-28C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-28D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)
L1824054-28E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-29A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-29A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-29B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-29C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-29D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-29E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-31A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-31A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-31B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-31C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-31D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)
L1824054-31E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-32A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-32A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-32B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-32C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-32D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)
L1824054-32E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-33A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-33A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-33B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-33C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-33D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)
L1824054-33E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-34A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-34A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-34B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-34C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-34D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824054-34E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-35A	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-35A1	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-35B	Amber 1000ml unpreserved Extracts	F	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-35C	Plastic 500ml H2SO4 preserved split	F	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-35D	Amber 1000ml HCl preserved split	F	NA		2.6	Y	Absent		OG-1664(28)
L1824054-35E	Plastic 250ml unpreserved split	F	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-36A	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-36A1	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-36B	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-36C	Plastic 500ml H2SO4 preserved split	A	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-36D	Amber 1000ml HCl preserved split	A	NA		2.6	Y	Absent		OG-1664(28)
L1824054-36E	Plastic 250ml unpreserved split	A	NA		2.6	Y	Absent		TSC-2540(7)
L1824054-37A	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-37A1	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-37B	Amber 1000ml unpreserved Extracts	A	NA		2.6	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824054-37C	Plastic 500ml H2SO4 preserved split	A	NA		2.6	Y	Absent		COD-5220(28),NH3-4500(28)
L1824054-37D	Amber 1000ml HCl preserved split	A	NA		2.6	Y	Absent		OG-1664(28)
L1824054-37E	Plastic 250ml unpreserved split	A	NA		2.6	Y	Absent		TSC-2540(7)

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12206: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>3</u>		Date Rec'd in Lab <u>6/25/18</u>		ALPHA Job # <u>4824054</u>			
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Former Kristal Auto Mall</u> Project Location: <u>5200 Kings Highway, Brooklyn, NY 10021</u> Project #: <u>2861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: <u>Roux Env. Eng. & Geology, DPC</u> Address: <u>209 Shafter St</u> <u>Islandia, New York 11749</u> Phone: <u>(631)232-2600</u> Fax: <u>(631)232-9898</u> Email: <u>wshen@rouxinc.com</u>		Project Manager: <u>Roux: Wendy Shen / Alpha: Karyn Raymond</u> ALPHAQuote #: <u> </u> Turn-Around Time Standard ☒ Due Date: <u> </u> Rush (only if pre approved) ☐ # of Days: <u> </u>		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☒ NJ ☒ NY ☐ Other:					
These samples have been previously analyzed by Alpha ☐				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)			
Other project specific requirements/comments: Please cc all sample results to rhenke@rouxinc.com.				Please specify Metals or TAL.				o t a i l B o t t l e			
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials			
<u>24054-01-25</u> <u>-02</u> <u>-03-26</u> <u>-04</u> <u>-05-07</u> <u>-06</u> <u>-07</u> <u>-08-29</u> <u>-09-29</u> <u>-10</u> <u>-11-31</u>		<u>59/60-WC(0-9)</u> <u>59-WC(0-1)</u> <u>49/50-WC(0-9)</u> <u>49-WC(1-2)</u> <u>20/30-WC(0-8)</u> <u>30-WC(1-2)</u> <u>37-WC(4-5)</u> <u>37-WC(0-9)</u> <u>X24-WC(9-18)</u> <u>X24-WC(14-15)</u> <u>35-WC(0-9)</u>		<u>06/25/18 1100</u> <u>06/25/18 1105</u> <u>06/25/18 1300</u> <u>06/25/18 1305</u> <u>06/25/18 1420</u> <u>06/25/18 1430</u> <u>6/25/18 1137</u> <u>6/25/18 1140</u> <u>6/25/18 0950</u> <u>6/25/18 0945</u> <u>6/25/18 0910</u>		<u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u> <u>SOIL</u>		<u>CW</u> <u>CW</u> <u>CW</u> <u>CW</u> <u>REL</u> <u>REL</u> <u>CW</u> <u>CW</u> <u>JM</u> <u>CW</u> <u>CW</u>		<u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A E/A A A A A A A A A A A A A A A			
Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By: <u>Rouly Lefkowitz</u> <u>D. Santos AAL</u>		Date/Time <u>6/25/18 1530</u> <u>6/25/18 1551</u> <u>6/25/18 2350</u>		Received By: <u>Rimeik Jackson AAL</u> <u>D. Santos AAL</u> <u>W. Santos AAL</u>		Date/Time <u>6/25/18 1530</u> <u>6/25/18 1900</u> <u>6/25/18 2350</u>			
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.											

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 6 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>2</u> of <u>3</u>		Date Rec'd in Lab <u>6/25/18</u>		ALPHA Job # <u>418 24054</u>					
		Project Information Project Name: <u>Former Kristal Auto Mail</u> Project Location: <u>5200 Kings Highway, Brooklyn, NY 10021</u> Project # <u>2861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #							
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These samples have been previously analyzed by Alpha ☐						ANALYSIS							
Other project specific requirements/comments: Please cc all sample results to rhenke@rouxinc.com.						Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)							
Please specify Metals or TAL.						Sample Specific Comments							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		NJTPH-C44/NJEPH TCL VOCs + 10 8260C / TCLP VOCs SVOC 8270D Pest 8081B / PCB 8082A TAL Metals 6010C/7471B/ HexChrom/TrChrom Total Solids/ Total Cyanide Haz Waste Char Form U / TCLP Complete Analysis		o a i l B o r d i n g	
34054-12-32		34-WC(0-9)		06/25/18 0920		SOIL		CW		X		4	
-13		34-WC(5-6)		06/25/18 0925		SOIL		CW		X		5	
-14		35-WC(5-6)		6/25/18 0905		SOIL		CW		X		5	
-15		36-WC(6-7)		6/25/18 0935		SOIL		CW		X		5	
-16-33		36-WC(0-9)		6/25/18 0937		SOIL		CW		X		4	
-17		X30-WC(13-14)		6/25/18 1107		SOIL		CW		X		5	
-18-34		X36/X37-WC(9-14)		6/25/18 1110		SOIL		CW		X		4	
-19-35		X35-WC(9-18)		6/25/18 0922		SOIL		CW		X		4	
-20		X35-WC(11-12)		6/25/18 0920		SOIL		CW		X		5	
-21-36		17/27-WC(0-11)		06/25/18 1418		SOIL		RPH		X		4	
-22		27-WC(10-11)		6/25/18 1415		SOIL		CW		X		5	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A E/A A A A A A A A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.			
Relinquished By: <u>D. Santos</u>		Date/Time: <u>6/25/18 1530</u>		Received By: <u>Reneik Jackson</u>		Date/Time: <u>6/25/18 1530</u>		Date/Time: <u>6/25/18 1900</u>		Date/Time: <u>6/25/18 2350</u>			



ANALYTICAL REPORT

Lab Number:	L1824221
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	07/06/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1824221-01	40-WC (0-12)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:10	06/26/18
L1824221-02	40-WC (5-6)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:05	06/26/18
L1824221-03	21-WC (0-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:50	06/26/18
L1824221-04	21-WC (7-8)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:45	06/26/18
L1824221-05	61-WC (0-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 10:25	06/26/18
L1824221-06	61-WC (0-1)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 10:20	06/26/18
L1824221-07	ASTM LEACHATE OF 40-WC (0-12)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:10	06/26/18
L1824221-08	ASTM LEACHATE OF 21-WC (0-8)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:10	06/26/18
L1824221-09	ASTM LEACHATE OF 61-WC (0-7)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/18 09:10	06/26/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1824221-02 and -06: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (56% and 55%), possibly due to the matrix effect caused by the high pH of the sample (>10).

TCLP Semivolatiles

The WG1131586-3 LCSD recovery, associated with L1824221-05, is below the acceptance criteria for pyridine (3%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L1824221-01, -03, and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

TCLP Metals

The WG1130825-2 LCS recovery, associated with L1824221-05, is above the acceptance criteria for mercury (133%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

Oil & Grease, Hem-Grav

L1824221-07, -08, and -09: The sample was received above the appropriate pH for the Oil & Grease. The laboratory added HCl to a pH <2 just prior to analysis.

Cyanide, Total

The WG1130388-2/-3 LCS/LCSD recoveries (75%/64%), associated with L1824221-01,-03, and -05, are

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Case Narrative (continued)

outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/06/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-02
Client ID: 40-WC (5-6)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:05
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/03/18 11:21
Analyst: MKS
Percent Solids: 88%
TCLP/SPLP Ext. Date: 07/02/18 14:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	109		70-130
dibromofluoromethane	107		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-02
 Client ID: 40-WC (5-6)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:05
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 13:01
 Analyst: PK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	0.49	J	ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	0.31	J	ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-02**Date Collected:** 06/26/18 09:05**Client ID:** 40-WC (5-6)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	0.52	J	ug/kg	1.4	0.40	1
Xylenes, Total	0.52	J	ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	99		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	8.8	J	ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	1.9	J	ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	0.20	J	ug/kg	1.4	0.15	1
Naphthalene	310		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-02**Date Collected:** 06/26/18 09:05**Client ID:** 40-WC (5-6)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	27	7.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	1.5	J	ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	3.1		ug/kg	2.7	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Acrolein	ND		ug/kg	34	7.7	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	140	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	1.6	J	ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	0.83	J	ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Methyl cyclohexane	ND		ug/kg	5.5	0.82	1

Tentatively Identified Compounds

Total TIC Compounds	127	J	ug/kg	1
Unknown Naphthalene	51.4	J	ug/kg	1
Unknown Naphthalene	7.24	J	ug/kg	1
Acenaphthene	8.74	NJ	ug/kg	1
Unknown Aromatic	6.67	J	ug/kg	1
Unknown Aromatic	34.5	J	ug/kg	1
Unknown	9.32	J	ug/kg	1
Unknown Naphthalene	9.21	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	56	Q	70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-04
 Client ID: 21-WC (7-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:45
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/03/18 11:52
 Analyst: MKS
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 07/02/18 14:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	110		70-130
dibromofluoromethane	109		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-04
 Client ID: 21-WC (7-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:45
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 13:30
 Analyst: PK
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	0.55	J	ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-04**Date Collected:** 06/26/18 09:45**Client ID:** 21-WC (7-8)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	11	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	1.7	J	ug/kg	5.0	0.80	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-04**Date Collected:** 06/26/18 09:45**Client ID:** 21-WC (7-8)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	25	6.4	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Acrolein	ND		ug/kg	31	7.0	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Tentatively Identified Compounds

Total TIC Compounds	11.5	J	ug/kg	1
Unknown	11.5	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-06
 Client ID: 61-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:20
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/03/18 12:23
 Analyst: MKS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 07/02/18 14:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	110		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-06
 Client ID: 61-WC (0-1)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:20
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/29/18 13:58
 Analyst: PK
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	0.19	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.33	J	ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-06**Date Collected:** 06/26/18 10:20**Client ID:** 61-WC (0-1)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	57		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	6.3	J	ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	17		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-06**Date Collected:** 06/26/18 10:20**Client ID:** 61-WC (0-1)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	24	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Acrolein	ND		ug/kg	30	6.8	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	120	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Methyl cyclohexane	ND		ug/kg	4.8	0.73	1

Tentatively Identified Compounds

Total TIC Compounds	7.62	J	ug/kg	1
Unknown Aromatic	2.46	J	ug/kg	1
Unknown	2.70	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.46	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	55	Q	70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:21
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06 Batch: WG1131274-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:21
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06 Batch: WG1131274-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:21
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06 Batch: WG1131274-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/29/18 08:21
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06 Batch: WG1131274-5					

Tentatively Identified Compounds

Total TIC Compounds	7.24	J	ug/kg
Unknown Alkane	3.84	J	ug/kg
Unknown	3.40	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 07/03/18 09:18**Analyst:** MM**TCLP/SPLP Extraction Date:** 07/02/18 14:43**Extraction Date:** 07/02/18 14:43

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,04,06 Batch: WG1132239-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	113		70-130
dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1131274-3 WG1131274-4								
Methylene chloride	90		90		70-130	0		30
1,1-Dichloroethane	101		103		70-130	2		30
Chloroform	92		93		70-130	1		30
Carbon tetrachloride	97		99		70-130	2		30
1,2-Dichloropropane	101		102		70-130	1		30
Dibromochloromethane	104		106		70-130	2		30
1,1,2-Trichloroethane	110		113		70-130	3		30
Tetrachloroethene	98		99		70-130	1		30
Chlorobenzene	100		101		70-130	1		30
Trichlorofluoromethane	67	Q	68	Q	70-139	1		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	95		97		70-130	2		30
Bromodichloromethane	92		94		70-130	2		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
1,1-Dichloropropene	98		99		70-130	1		30
Bromoform	88		91		70-130	3		30
1,1,2,2-Tetrachloroethane	108		111		70-130	3		30
Benzene	94		96		70-130	2		30
Toluene	106		107		70-130	1		30
Ethylbenzene	105		107		70-130	2		30
Chloromethane	106		106		52-130	0		30
Bromomethane	67		65		57-147	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1131274-3 WG1131274-4								
Vinyl chloride	79		80		67-130	1		30
Chloroethane	58		59		50-151	2		30
1,1-Dichloroethene	91		93		65-135	2		30
trans-1,2-Dichloroethene	92		94		70-130	2		30
Trichloroethene	91		91		70-130	0		30
1,2-Dichlorobenzene	101		103		70-130	2		30
1,3-Dichlorobenzene	102		104		70-130	2		30
1,4-Dichlorobenzene	99		101		70-130	2		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	104		105		70-130	1		30
o-Xylene	101		102		70-130	1		30
cis-1,2-Dichloroethene	91		92		70-130	1		30
Dibromomethane	88		91		70-130	3		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	77		77		30-146	0		30
Acetone	115		115		54-140	0		30
Carbon disulfide	90		93		59-130	3		30
2-Butanone	113		123		70-130	8		30
Vinyl acetate	98		102		70-130	4		30
4-Methyl-2-pentanone	100		103		70-130	3		30
1,2,3-Trichloropropane	105		110		68-130	5		30
2-Hexanone	109		114		70-130	4		30
Bromochloromethane	91		92		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1131274-3 WG1131274-4								
2,2-Dichloropropane	106		107		70-130	1		30
1,2-Dibromoethane	106		108		70-130	2		30
1,3-Dichloropropane	107		108		69-130	1		30
1,1,1,2-Tetrachloroethane	108		109		70-130	1		30
Bromobenzene	99		102		70-130	3		30
n-Butylbenzene	113		114		70-130	1		30
sec-Butylbenzene	114		115		70-130	1		30
tert-Butylbenzene	108		110		70-130	2		30
o-Chlorotoluene	94		95		70-130	1		30
p-Chlorotoluene	108		111		70-130	3		30
1,2-Dibromo-3-chloropropane	86		90		68-130	5		30
Hexachlorobutadiene	101		102		67-130	1		30
Isopropylbenzene	110		112		70-130	2		30
p-Isopropyltoluene	110		112		70-130	2		30
Naphthalene	95		101		70-130	6		30
Acrylonitrile	100		106		70-130	6		30
Tert-Butyl Alcohol	114		117		70-130	3		30
n-Propylbenzene	112		113		70-130	1		30
1,2,3-Trichlorobenzene	98		101		70-130	3		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
1,3,5-Trimethylbenzene	113		112		70-130	1		30
1,2,4-Trimethylbenzene	113		114		70-130	1		30
Methyl Acetate	114		118		51-146	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1131274-3 WG1131274-4								
Acrolein	63	Q	63	Q	70-130	0		30
Cyclohexane	119		121		59-142	2		30
1,4-Dioxane	100		102		65-136	2		30
Freon-113	100		101		50-139	1		30
p-Diethylbenzene	112		114		70-130	2		30
p-Ethyltoluene	115		116		70-130	1		30
1,2,4,5-Tetramethylbenzene	111		111		70-130	0		30
Ethyl ether	55	Q	56	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	105		115		70-130	9		30
Methyl cyclohexane	100		101		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	112		113		70-130
4-Bromofluorobenzene	106		107		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1132239-3 WG1132239-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		98		63-132	2		20
Tetrachloroethene	86		83		70-130	4		20
Chlorobenzene	98		94		75-130	4		25
1,2-Dichloroethane	110		110		70-130	0		20
Benzene	110		110		70-130	0		25
Vinyl chloride	91		88		55-140	3		20
1,1-Dichloroethene	94		90		61-145	4		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	90		87		70-130	3		20
2-Butanone	130		130		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	106		106		70-130
dibromofluoromethane	102		101		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01
 Client ID: 40-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 17:22
 Analyst: ALS
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 14:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		21-120
Phenol-d6	80		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	99		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01
 Client ID: 40-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 20:29
 Analyst: SZ
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	2300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	100	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01
 Client ID: 40-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1100		ug/kg	110	21.	1
Benzo(a)pyrene	960		ug/kg	150	45.	1
Benzo(b)fluoranthene	1400		ug/kg	110	31.	1
Benzo(k)fluoranthene	290		ug/kg	110	30.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	150	29.	1
Anthracene	310		ug/kg	110	36.	1
Benzo(ghi)perylene	720		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	190	18.	1
Phenanthrene	1500		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	740		ug/kg	150	26.	1
Pyrene	2200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	87	J	ug/kg	190	18.	1
2-Methylnaphthalene	49	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-01**Date Collected:** 06/26/18 09:10**Client ID:** 40-WC (0-12)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	170	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	88		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03
 Client ID: 21-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 19:35
 Analyst: ALS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 14:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	78		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	96		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03
 Client ID: 21-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 20:54
 Analyst: SZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	5300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	300		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	190	64.	1
Butyl benzyl phthalate	130	J	ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-03**Date Collected:** 06/26/18 09:50**Client ID:** 21-WC (0-8)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	2500		ug/kg	110	21.	1
Benzo(a)pyrene	2200		ug/kg	150	45.	1
Benzo(b)fluoranthene	3200		ug/kg	110	31.	1
Benzo(k)fluoranthene	640		ug/kg	110	30.	1
Chrysene	2400		ug/kg	110	19.	1
Acenaphthylene	400		ug/kg	150	29.	1
Anthracene	1000		ug/kg	110	36.	1
Benzo(ghi)perylene	1400		ug/kg	150	22.	1
Fluorene	310		ug/kg	190	18.	1
Phenanthrene	4400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	300		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	150	26.	1
Pyrene	4600		ug/kg	110	18.	1
Biphenyl	52	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	340		ug/kg	190	18.	1
2-Methylnaphthalene	230		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-03**Date Collected:** 06/26/18 09:50**Client ID:** 21-WC (0-8)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	590		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	83		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05
 Client ID: 61-WC (0-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/02/18 16:55
 Analyst: ALS
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 14:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	92		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05
 Client ID: 61-WC (0-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/18 19:37
 Analyst: SZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	100	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	78	J	ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-05**Date Collected:** 06/26/18 10:25**Client ID:** 61-WC (0-7)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	900		ug/kg	110	21.	1
Benzo(a)pyrene	830		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	290		ug/kg	110	30.	1
Chrysene	790		ug/kg	110	19.	1
Acenaphthylene	44	J	ug/kg	150	29.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	550		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	180	18.	1
Phenanthrene	1200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	550		ug/kg	150	26.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	95	J	ug/kg	180	18.	1
2-Methylnaphthalene	48	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-05**Date Collected:** 06/26/18 10:25**Client ID:** 61-WC (0-7)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	150	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	77		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 14:14
 Analyst: ALS
 TCLP/SPLP Extraction Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 14:37

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03 Batch: WG1131585-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	86		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 12:54
 Analyst: ALS
 TCLP/SPLP Extraction Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 14:39

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1131586-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		21-120
Phenol-d6	80		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	93		33-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 22:08
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1131752-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 22:08
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1131752-1					
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/18 22:08
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1131752-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D
Analytical Date: 07/02/18 22:08
Analyst: PSExtraction Method: EPA 3546
Extraction Date: 07/02/18 01:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1131752-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	98		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03 Batch: WG1131585-2 WG1131585-3								
Hexachlorobenzene	71		75		40-140	5		30
2,4-Dinitrotoluene	87		93		40-132	7		30
Hexachlorobutadiene	64		69		28-111	8		30
Hexachloroethane	69		73		21-105	6		30
Nitrobenzene	76		80		40-140	5		30
2,4,6-Trichlorophenol	80		85		30-130	6		30
Pentachlorophenol	64		67		9-103	5		30
2-Methylphenol	77		84		30-130	9		30
3-Methylphenol/4-Methylphenol	79		82		30-130	4		30
2,4,5-Trichlorophenol	85		92		30-130	8		30
Pyridine	23		17		10-66	30		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		84		21-120
Phenol-d6	74		80		10-120
Nitrobenzene-d5	84		89		23-120
2-Fluorobiphenyl	76		80		15-120
2,4,6-Tribromophenol	83		92		10-120
4-Terphenyl-d14	85		90		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1131586-2 WG1131586-3								
Hexachlorobenzene	73		74		40-140	1		30
2,4-Dinitrotoluene	87		86		40-132	1		30
Hexachlorobutadiene	69		68		28-111	1		30
Hexachloroethane	68		70		21-105	3		30
Nitrobenzene	71		73		40-140	3		30
2,4,6-Trichlorophenol	83		83		30-130	0		30
Pentachlorophenol	60		64		9-103	6		30
2-Methylphenol	75		76		30-130	1		30
3-Methylphenol/4-Methylphenol	71		74		30-130	4		30
2,4,5-Trichlorophenol	85		88		30-130	3		30
Pyridine	27		3	Q	10-66	155	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		79		21-120
Phenol-d6	71		72		10-120
Nitrobenzene-d5	78		80		23-120
2-Fluorobiphenyl	77		76		15-120
2,4,6-Tribromophenol	82		83		10-120
4-Terphenyl-d14	86		83		33-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131752-2 WG1131752-3								
Acenaphthene	87		85		31-137	2		50
Benzidine	56		55		10-66	2		50
1,2,4-Trichlorobenzene	84		82		38-107	2		50
Hexachlorobenzene	92		90		40-140	2		50
Bis(2-chloroethyl)ether	78		77		40-140	1		50
2-Chloronaphthalene	90		88		40-140	2		50
3,3'-Dichlorobenzidine	80		78		40-140	3		50
2,4-Dinitrotoluene	109		106		40-132	3		50
2,6-Dinitrotoluene	104		104		40-140	0		50
Azobenzene	92		90		40-140	2		50
Fluoranthene	94		94		40-140	0		50
4-Chlorophenyl phenyl ether	89		89		40-140	0		50
4-Bromophenyl phenyl ether	92		91		40-140	1		50
Bis(2-chloroisopropyl)ether	76		74		40-140	3		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	80		79		40-140	1		50
Hexachlorocyclopentadiene	62		60		40-140	3		50
Hexachloroethane	81		80		40-140	1		50
Isophorone	87		87		40-140	0		50
Naphthalene	84		83		40-140	1		50
Nitrobenzene	85		83		40-140	2		50
NDPA/DPA	96		94		36-157	2		50
n-Nitrosodi-n-propylamine	84		83		32-121	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131752-2 WG1131752-3								
Bis(2-ethylhexyl)phthalate	104		102		40-140	2		50
Butyl benzyl phthalate	108		108		40-140	0		50
Di-n-butylphthalate	102		103		40-140	1		50
Di-n-octylphthalate	108		106		40-140	2		50
Diethyl phthalate	100		98		40-140	2		50
Dimethyl phthalate	99		98		40-140	1		50
Benzo(a)anthracene	89		88		40-140	1		50
Benzo(a)pyrene	91		89		40-140	2		50
Benzo(b)fluoranthene	89		88		40-140	1		50
Benzo(k)fluoranthene	90		90		40-140	0		50
Chrysene	87		86		40-140	1		50
Acenaphthylene	97		96		40-140	1		50
Anthracene	94		94		40-140	0		50
Benzo(ghi)perylene	90		90		40-140	0		50
Fluorene	93		90		40-140	3		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	95		94		40-140	1		50
Indeno(1,2,3-cd)pyrene	95		94		40-140	1		50
Pyrene	92		92		35-142	0		50
Biphenyl	94		93		54-104	1		50
4-Chloroaniline	64		63		40-140	2		50
2-Nitroaniline	108		106		47-134	2		50
3-Nitroaniline	84		81		26-129	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131752-2 WG1131752-3								
4-Nitroaniline	92		89		41-125	3		50
Dibenzofuran	91		89		40-140	2		50
2-Methylnaphthalene	88		87		40-140	1		50
1,2,4,5-Tetrachlorobenzene	86		86		40-117	0		50
Acetophenone	87		86		14-144	1		50
n-Nitrosodimethylamine	71		69		22-100	3		50
2,4,6-Trichlorophenol	93		91		30-130	2		50
p-Chloro-m-cresol	99		98		26-103	1		50
2-Chlorophenol	90		89		25-102	1		50
2,4-Dichlorophenol	97		96		30-130	1		50
2,4-Dimethylphenol	102		102		30-130	0		50
2-Nitrophenol	97		98		30-130	1		50
4-Nitrophenol	105		107		11-114	2		50
2,4-Dinitrophenol	72		76		4-130	5		50
4,6-Dinitro-o-cresol	90		90		10-130	0		50
Pentachlorophenol	61		63		17-109	3		50
Phenol	84		83		26-90	1		50
2-Methylphenol	90		89		30-130	1		50
3-Methylphenol/4-Methylphenol	91		91		30-130	0		50
2,4,5-Trichlorophenol	99		100		30-130	1		50
Benzoic Acid	34		39		10-110	14		50
Benzyl Alcohol	95		91		40-140	4		50
Carbazole	95		94		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131752-2 WG1131752-3								
Atrazine	104		102		40-140	2		50
Benzaldehyde	76		74		40-140	3		50
Caprolactam	98		101		15-130	3		50
2,3,4,6-Tetrachlorophenol	86		86		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		81		25-120
Phenol-d6	84		83		10-120
Nitrobenzene-d5	85		85		23-120
2-Fluorobiphenyl	89		88		30-120
2,4,6-Tribromophenol	90		89		10-136
4-Terphenyl-d14	99		99		18-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/05/18 03:57
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 22:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	112.		mg/kg	36.0	3.60	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	72			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 07/03/18 14:03
Analyst: DG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 14:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	90.0		mg/kg	26.6	26.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	97		40-140
o-Terphenyl	96		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/05/18 04:29
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 22:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	297.		mg/kg	37.0	3.71	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	69			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 07/03/18 14:32
Analyst: DG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 14:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	246		mg/kg	26.2	26.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	82			40-140		
o-Terphenyl	78			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/05/18 05:02
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 22:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	138.		mg/kg	35.0	3.51	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	68			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 07/03/18 15:01
Analyst: DG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 14:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	105		mg/kg	25.8	25.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	79			40-140		
o-Terphenyl	81			40-140		

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 07/03/18 10:43

Extraction Date: 07/02/18 14:55

Analyst: DG

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05 Batch: WG1131945-1					
Total EPH	ND		mg/kg	23.1	23.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	84		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8015D(M)
Analytical Date: 07/04/18 19:18
Analyst: MEOExtraction Method: EPA 3546
Extraction Date: 07/02/18 22:04

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05					Batch: WG1132051-1
DROD (C9-C44)	ND		mg/kg	31.4	3.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131945-2 WG1131945-3								
Total EPH	86		86		40-140	0		25
Nonane (C9)	66		65		40-140	2		25
Decane (C10)	75		74		40-140	1		25
Dodecane (C12)	72		72		40-140	0		25
Tetradecane (C14)	72		73		40-140	1		25
Hexadecane (C16)	75		76		40-140	1		25
Octadecane (C18)	79		81		40-140	3		25
Eicosane (C20)	80		82		40-140	2		25
Heneicosane (C21)	81		83		40-140	2		25
Docosane (C22)	80		82		40-140	2		25
Tetracosane (C24)	80		83		40-140	4		25
Hexacosane (C26)	81		83		40-140	2		25
Octacosane (C28)	80		82		40-140	2		25
triacontane (C30)	80		82		40-140	2		25
Dotriacontane (C32)	80		83		40-140	4		25
Tetratriacontane (C34)	80		83		40-140	4		25
Hexatriacontane (C36)	83		84		40-140	1		25
Octatriacontane (C38)	84		84		40-140	0		25
Tetracontane (C40)	85		84		40-140	1		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131945-2 WG1131945-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	83		78		40-140
o-Terphenyl	82		77		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1132051-2								
Total Petroleum Hydrocarbons (C9-C44)	72		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	67				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824221**Report Date:** 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131945-4 QC Sample: L1824494-01 Client ID: MS Sample												
Total EPH	ND	249	238	95		-	-		40-140	-		50
Nonane (C9)	ND	6.93	4.96	72		-	-		40-140	-		50
Decane (C10)	ND	6.93	5.70	82		-	-		40-140	-		50
Dodecane (C12)	ND	6.93	5.56	80		-	-		40-140	-		50
Tetradecane (C14)	ND	6.93	5.73	83		-	-		40-140	-		50
Hexadecane (C16)	ND	6.93	5.90	85		-	-		40-140	-		50
Octadecane (C18)	ND	6.93	6.27	91		-	-		40-140	-		50
Eicosane (C20)	ND	6.93	6.34	92		-	-		40-140	-		50
Heneicosane (C21)	ND	6.93	6.36	92		-	-		40-140	-		50
Docosane (C22)	ND	6.93	6.35	92		-	-		40-140	-		50
Tetracosane (C24)	ND	6.93	6.41	93		-	-		40-140	-		50
Hexacosane (C26)	ND	6.93	6.39	92		-	-		40-140	-		50
Octacosane (C28)	ND	6.93	6.32	91		-	-		40-140	-		50
triacontane (C30)	ND	6.93	6.31	91		-	-		40-140	-		50
Dotriacontane (C32)	ND	6.93	6.32	91		-	-		40-140	-		50
Tetratriacontane (C34)	ND	6.93	6.16	89		-	-		40-140	-		50
Hexatriacontane (C36)	ND	6.93	6.44	93		-	-		40-140	-		50
Octatriacontane (C38)	ND	6.93	6.42	93		-	-		40-140	-		50
Tetracontane (C40)	ND	6.93	6.41	93		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	86				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131945-4 QC Sample: L1824494-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	84				40-140

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132051-3 QC Sample: L1824221-01 Client ID: 40-WC (0-12)												
Total Petroleum Hydrocarbons (C9-C44)	112	119	161	41		-	-		40-140	-		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	70				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131945-5 QC Sample: L1824494-01 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	86		76		40-140
o-Terphenyl	83		75		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132051-4 QC Sample: L1824221-01 Client ID: 40-WC (0-12)						
DROD (C9-C44)	112	87.7	mg/kg	24		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		65		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01
 Client ID: 40-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/04/18 00:25
 Analyst: KB
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 04:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	4.20	1	A
Aroclor 1221	ND		ug/kg	37.0	5.63	1	A
Aroclor 1232	ND		ug/kg	37.0	3.64	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	4.15	1	A
Aroclor 1254	ND		ug/kg	37.0	3.02	1	A
Aroclor 1260	ND		ug/kg	37.0	3.86	1	A
Aroclor 1262	ND		ug/kg	37.0	3.04	1	A
Aroclor 1268	ND		ug/kg	37.0	2.62	1	A
PCBs, Total	ND		ug/kg	37.0	2.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/04/18 00:37
Analyst: KB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/02/18 04:49
Cleanup Method: EPA 3665A
Cleanup Date: 07/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.3	4.12	1	A
Aroclor 1221	ND		ug/kg	36.3	5.53	1	A
Aroclor 1232	ND		ug/kg	36.3	3.58	1	A
Aroclor 1242	ND		ug/kg	36.3	4.45	1	A
Aroclor 1248	ND		ug/kg	36.3	4.08	1	A
Aroclor 1254	ND		ug/kg	36.3	2.96	1	A
Aroclor 1260	16.4	J	ug/kg	36.3	3.79	1	A
Aroclor 1262	ND		ug/kg	36.3	2.99	1	A
Aroclor 1268	ND		ug/kg	36.3	2.57	1	A
PCBs, Total	16.4	J	ug/kg	36.3	2.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05
 Client ID: 61-WC (0-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/04/18 00:49
 Analyst: KB
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 04:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	4.09	1	A
Aroclor 1221	ND		ug/kg	36.0	5.49	1	A
Aroclor 1232	ND		ug/kg	36.0	3.55	1	A
Aroclor 1242	ND		ug/kg	36.0	4.41	1	A
Aroclor 1248	ND		ug/kg	36.0	4.04	1	A
Aroclor 1254	ND		ug/kg	36.0	2.94	1	A
Aroclor 1260	11.4	J	ug/kg	36.0	3.76	1	B
Aroclor 1262	ND		ug/kg	36.0	2.96	1	A
Aroclor 1268	6.51	J	ug/kg	36.0	2.55	1	A
PCBs, Total	17.9	J	ug/kg	36.0	2.55	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/04/18 03:06
 Analyst: KB

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 04:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1131761-1						
Aroclor 1016	ND		ug/kg	31.8	3.60	A
Aroclor 1221	ND		ug/kg	31.8	4.84	A
Aroclor 1232	ND		ug/kg	31.8	3.13	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	3.57	A
Aroclor 1254	ND		ug/kg	31.8	2.59	A
Aroclor 1260	ND		ug/kg	31.8	3.32	A
Aroclor 1262	ND		ug/kg	31.8	2.61	A
Aroclor 1268	ND		ug/kg	31.8	2.25	A
PCBs, Total	ND		ug/kg	31.8	2.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131761-2 WG1131761-3									
Aroclor 1016	92		88		40-140	4		50	A
Aroclor 1260	79		74		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		72		30-150	A
Decachlorobiphenyl	63		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		82		30-150	B
Decachlorobiphenyl	74		67		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 18:26
Analyst: KB
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
Extraction Date: 06/30/18 12:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01
 Client ID: 40-WC (0-12)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 20:44
 Analyst: KB
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 07:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.983	1	A
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	55.4		ug/kg	1.75	0.404	1	A
4,4'-DDD	8.62		ug/kg	1.75	0.623	1	B
4,4'-DDT	66.2		ug/kg	3.28	1.40	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	7.16	P	ug/kg	2.18	0.609	1	A
trans-Chlordane	ND		ug/kg	2.18	0.577	1	A
Chlordane	ND		ug/kg	14.2	5.79	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01

Date Collected: 06/26/18 09:10

Client ID: 40-WC (0-12)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	146		30-150	B
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	129		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/18 22:00
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 06/27/18 18:37
Methylation Date: 07/04/18 15:40

Extraction Method: EPA 8151A
Extraction Date: 07/04/18 03:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 18:39
Analyst: KB
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
Extraction Date: 06/30/18 12:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03
 Client ID: 21-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 20:56
 Analyst: KB
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 07:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.326	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	5.32		ug/kg	3.28	0.983	1	A
Endrin	ND		ug/kg	0.728	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.765	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	150	E	ug/kg	1.75	0.404	1	A
4,4'-DDD	24.4		ug/kg	1.75	0.623	1	B
4,4'-DDT	368	E	ug/kg	3.28	1.40	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	36.2		ug/kg	2.18	0.609	1	A
trans-Chlordane	30.8	PI	ug/kg	2.18	0.577	1	A
Chlordane	ND		ug/kg	14.2	5.79	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03

Date Collected: 06/26/18 09:50

Client ID: 21-WC (0-8)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	207	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	139		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/18 22:18
Analyst: SL
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/27/18 18:37
Methylation Date: 07/04/18 15:40

Extraction Method: EPA 8151A
Extraction Date: 07/04/18 03:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824221**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03 D
 Client ID: 21-WC (0-8)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/05/18 11:11
 Analyst: JW
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 07:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	103		ug/kg	8.74	2.02	5	A
4,4'-DDT	254		ug/kg	16.4	7.03	5	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/03/18 19:41
Analyst: KB
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/27/18 18:37

Extraction Method: EPA 3510C
Extraction Date: 06/30/18 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	142		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05
 Client ID: 61-WC (0-7)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
 Date Received: 06/26/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/03/18 21:09
 Analyst: KB
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 07:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	1.26	JPI	ug/kg	3.18	0.955	1	A
Endrin	4.12		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	28.1		ug/kg	1.70	0.392	1	A
4,4'-DDD	7.48	P	ug/kg	1.70	0.605	1	A
4,4'-DDT	96.2		ug/kg	3.18	1.36	1	B
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	1.35	JPI	ug/kg	2.12	0.591	1	B
trans-Chlordane	8.06	PI	ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	13.8	5.62	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05

Date Collected: 06/26/18 10:25

Client ID: 61-WC (0-7)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	115		30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/05/18 23:34
Analyst: SL
Percent Solids: 90%
TCLP/SPLP Ext. Date: 06/27/18 18:37
Methylation Date: 07/04/18 15:40

Extraction Method: EPA 8151A
Extraction Date: 07/04/18 03:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	45		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 07/03/18 17:48
 Analyst: KB
 TCLP/SPLP Extraction Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 12:04

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03 Batch: WG1131550-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	131		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 07/03/18 19:03
 Analyst: KB
 TCLP/SPLP Extraction Date: 06/27/18 18:37

Extraction Method: EPA 3510C
 Extraction Date: 06/30/18 12:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1131552-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/03/18 17:02
 Analyst: KB

Extraction Method: EPA 3546
 Extraction Date: 07/02/18 07:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1131800-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.287	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.584	A
Heptachlor	ND		ug/kg	0.770	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.89	0.866	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.674	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	2.89	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.89	0.898	A
Toxaphene	ND		ug/kg	28.9	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.5	5.10	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 07/03/18 17:02
Analyst: KBExtraction Method: EPA 3546
Extraction Date: 07/02/18 07:57
Cleanup Method: EPA 3620B
Cleanup Date: 07/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1131800-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/05/18 21:03
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/27/18 18:37
 Methylation Date: 07/04/18 15:40

Extraction Method: EPA 8151A
 Extraction Date: 07/04/18 03:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03 Batch: WG1132506-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	52		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/05/18 22:37
 Analyst: SL
 TCLP/SPLP Extraction Date: 06/27/18 18:37
 Methylation Date: 07/04/18 15:40

Extraction Method: EPA 8151A
 Extraction Date: 07/04/18 03:23

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 05 Batch: WG1132507-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	68		30-150	A
DCAA	52		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03 Batch: WG1131550-2 WG1131550-3									
Lindane	120		122		30-150	2		20	A
Heptachlor	109		114		30-150	4		20	A
Heptachlor epoxide	116		120		30-150	3		20	A
Endrin	115		120		30-150	4		20	A
Methoxychlor	107		110		30-150	3		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	115		115		30-150	A
Decachlorobiphenyl	110		114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		97		30-150	B
Decachlorobiphenyl	136		138		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1131552-2 WG1131552-3									
Lindane	115		126		30-150	9		20	A
Heptachlor	106		117		30-150	10		20	A
Heptachlor epoxide	111		122		30-150	9		20	A
Endrin	108		120		30-150	11		20	A
Methoxychlor	101		111		30-150	9		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		121		30-150	A
Decachlorobiphenyl	101		114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		101		30-150	B
Decachlorobiphenyl	128		129		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131800-2 WG1131800-3									
Delta-BHC	67		67		30-150	0		30	A
Lindane	82		82		30-150	0		30	A
Alpha-BHC	85		86		30-150	1		30	A
Beta-BHC	90		92		30-150	2		30	A
Heptachlor	94		94		30-150	0		30	A
Aldrin	88		87		30-150	1		30	A
Heptachlor epoxide	90		88		30-150	2		30	A
Endrin	93		91		30-150	2		30	A
Endrin aldehyde	64		76		30-150	17		30	A
Endrin ketone	79		85		30-150	7		30	A
Dieldrin	92		92		30-150	0		30	A
4,4'-DDE	86		86		30-150	0		30	A
4,4'-DDD	79		85		30-150	7		30	A
4,4'-DDT	84		86		30-150	2		30	A
Endosulfan I	86		86		30-150	0		30	A
Endosulfan II	83		85		30-150	2		30	A
Endosulfan sulfate	72		79		30-150	9		30	A
Methoxychlor	78		88		30-150	12		30	A
cis-Chlordane	88		86		30-150	2		30	A
trans-Chlordane	79		63		30-150	23		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131800-2 WG1131800-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		94		30-150	B
Decachlorobiphenyl	84		73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	A
Decachlorobiphenyl	76		67		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03 Batch: WG1132506-2 WG1132506-3									
2,4-D	143		116		30-150	21		25	A
2,4,5-TP (Silvex)	53		36		30-150	38	Q	25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		45		30-150	A
DCAA	45		36		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824221**Report Date:** 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 05 Batch: WG1132507-2 WG1132507-3									
2,4-D	136		128		30-150	6		25	A
2,4,5-TP (Silvex)	53		54		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	78		76		30-150	A
DCAA	54		53		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01

Date Collected: 06/26/18 09:10

Client ID: 40-WC (0-12)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/27/18 18:37

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Barium, TCLP	0.484	J	mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Lead, TCLP	0.283	J	mg/l	0.500	0.027	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 14:49	06/28/18 19:33	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.041	J	mg/l	0.500	0.024	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB
Zinc, TCLP	1.91		mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:15	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-01

Date Collected: 06/26/18 09:10

Client ID: 40-WC (0-12)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6620		mg/kg	8.61	2.32	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Antimony, Total	1.72	J	mg/kg	4.30	0.327	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Arsenic, Total	9.80		mg/kg	0.861	0.179	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Barium, Total	138		mg/kg	0.861	0.150	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Beryllium, Total	0.362	J	mg/kg	0.430	0.028	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Cadmium, Total	0.895		mg/kg	0.861	0.084	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Calcium, Total	11400		mg/kg	8.61	3.01	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Chromium, Total	22.6		mg/kg	0.861	0.083	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Cobalt, Total	5.90		mg/kg	1.72	0.143	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Copper, Total	63.7		mg/kg	0.861	0.222	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Iron, Total	24400		mg/kg	4.30	0.777	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Lead, Total	137		mg/kg	4.30	0.231	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Magnesium, Total	3120		mg/kg	8.61	1.32	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Manganese, Total	298		mg/kg	0.861	0.137	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Mercury, Total	0.571		mg/kg	0.071	0.015	1	06/28/18 10:00	06/29/18 00:12	EPA 7471B	1,7471B	EA
Nickel, Total	39.8		mg/kg	2.15	0.208	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Potassium, Total	630		mg/kg	215	12.4	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Selenium, Total	0.878	J	mg/kg	1.72	0.222	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.861	0.244	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Sodium, Total	203		mg/kg	172	2.71	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Vanadium, Total	17.7		mg/kg	0.861	0.175	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB
Zinc, Total	270		mg/kg	4.30	0.252	2	07/03/18 14:45	07/04/18 01:16	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	23		mg/kg	0.91	0.91	1		07/04/18 01:16	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03

Date Collected: 06/26/18 09:50

Client ID: 21-WC (0-8)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/27/18 18:37

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Barium, TCLP	0.164	J	mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Lead, TCLP	1.89		mg/l	0.500	0.027	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 14:49	06/28/18 19:35	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB
Zinc, TCLP	0.945		mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:35	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-03

Date Collected: 06/26/18 09:50

Client ID: 21-WC (0-8)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.48	2.29	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Antimony, Total	1.12	J	mg/kg	4.24	0.322	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Arsenic, Total	7.27		mg/kg	0.848	0.176	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Barium, Total	99.7		mg/kg	0.848	0.148	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Beryllium, Total	0.382	J	mg/kg	0.424	0.028	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Cadmium, Total	0.611	J	mg/kg	0.848	0.083	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Calcium, Total	6750		mg/kg	8.48	2.97	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Chromium, Total	14.7		mg/kg	0.848	0.081	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Cobalt, Total	5.23		mg/kg	1.70	0.141	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Copper, Total	25.4		mg/kg	0.848	0.219	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Iron, Total	15000		mg/kg	4.24	0.766	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Lead, Total	179		mg/kg	4.24	0.227	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Magnesium, Total	2590		mg/kg	8.48	1.31	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Manganese, Total	222		mg/kg	0.848	0.135	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Mercury, Total	0.398		mg/kg	0.070	0.015	1	06/28/18 10:00	06/29/18 00:14	EPA 7471B	1,7471B	EA
Nickel, Total	14.4		mg/kg	2.12	0.205	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Potassium, Total	671		mg/kg	212	12.2	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Selenium, Total	0.636	J	mg/kg	1.70	0.219	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.848	0.240	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Sodium, Total	121	J	mg/kg	170	2.67	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.70	0.267	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Vanadium, Total	21.2		mg/kg	0.848	0.172	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB
Zinc, Total	99.8		mg/kg	4.24	0.248	2	07/03/18 14:45	07/04/18 01:21	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	15		mg/kg	0.89	0.89	1		07/04/18 01:21	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05

Date Collected: 06/26/18 10:25

Client ID: 61-WC (0-7)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/27/18 18:37

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Barium, TCLP	0.349	J	mg/l	0.500	0.021	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Cadmium, TCLP	0.011	J	mg/l	0.100	0.010	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Copper, TCLP	0.025	J	mg/l	0.200	0.022	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Lead, TCLP	6.94		mg/l	0.500	0.027	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 14:49	06/29/18 13:53	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB
Zinc, TCLP	3.58		mg/l	0.500	0.021	1	07/03/18 17:11	07/03/18 23:31	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS**

Lab ID: L1824221-05

Date Collected: 06/26/18 10:25

Client ID: 61-WC (0-7)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5090		mg/kg	8.70	2.35	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Antimony, Total	2.51	J	mg/kg	4.35	0.331	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Arsenic, Total	5.66		mg/kg	0.870	0.181	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Barium, Total	341		mg/kg	0.870	0.151	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Beryllium, Total	0.209	J	mg/kg	0.435	0.029	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Cadmium, Total	0.601	J	mg/kg	0.870	0.085	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Calcium, Total	39200		mg/kg	8.70	3.05	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Chromium, Total	9.93		mg/kg	0.870	0.084	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Cobalt, Total	4.35		mg/kg	1.74	0.144	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Copper, Total	20.8		mg/kg	0.870	0.225	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Iron, Total	9920		mg/kg	4.35	0.786	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Lead, Total	596		mg/kg	4.35	0.233	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Magnesium, Total	2140		mg/kg	8.70	1.34	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Manganese, Total	235		mg/kg	0.870	0.138	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Mercury, Total	0.270		mg/kg	0.070	0.015	1	06/28/18 10:00	06/29/18 00:19	EPA 7471B	1,7471B	EA
Nickel, Total	13.3		mg/kg	2.18	0.211	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Potassium, Total	646		mg/kg	218	12.5	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Selenium, Total	0.496	J	mg/kg	1.74	0.225	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.870	0.246	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Sodium, Total	272		mg/kg	174	2.74	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Vanadium, Total	15.1		mg/kg	0.870	0.177	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB
Zinc, Total	330		mg/kg	4.35	0.255	2	07/03/18 14:45	07/04/18 01:26	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	9.9		mg/kg	0.89	0.89	1		07/04/18 01:26	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05 Batch: WG1130592-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	06/28/18 10:00	06/28/18 23:19	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03 Batch: WG1130823-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 14:49	06/28/18 19:25	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/27/18 18:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1130825-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	06/28/18 14:49	06/29/18 13:50	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/27/18 18:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05 Batch: WG1132292-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Calcium, Total	ND		mg/kg	4.00	1.40	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Chromium, Total	0.040	J	mg/kg	0.400	0.038	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/03/18 14:45	07/03/18 22:15	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03 Batch: WG1132344-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB
Zinc, TCLP	ND		mg/l	0.500	0.021	1	07/03/18 17:11	07/04/18 00:05	1,6010D	AB

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/27/18 18:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1132346-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB
Zinc, TCLP	ND		mg/l	0.500	0.021	1	07/03/18 17:11	07/03/18 23:05	1,6010D	AB

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/27/18 18:37

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1130592-2 SRM Lot Number: D098-540								
Mercury, Total	122		-		50-149	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1130823-2								
Mercury, TCLP	94		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1130825-2								
Mercury, TCLP	133	Q	-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1132292-2 SRM Lot Number: D098-540					
Aluminum, Total	70	-	47-153	-	
Antimony, Total	142	-	6-194	-	
Arsenic, Total	94	-	83-117	-	
Barium, Total	91	-	82-118	-	
Beryllium, Total	87	-	83-117	-	
Cadmium, Total	93	-	82-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	88	-	83-119	-	
Cobalt, Total	93	-	84-116	-	
Copper, Total	91	-	84-116	-	
Iron, Total	96	-	60-140	-	
Lead, Total	89	-	82-117	-	
Magnesium, Total	83	-	76-124	-	
Manganese, Total	92	-	82-118	-	
Nickel, Total	92	-	82-117	-	
Potassium, Total	81	-	69-131	-	
Selenium, Total	95	-	78-121	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	86	-	74-126	-	
Thallium, Total	96	-	80-119	-	
Vanadium, Total	88	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1132292-2 SRM Lot Number: D098-540					
Zinc, Total	91	-	81-119	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1132344-2					
Arsenic, TCLP	105	-	75-125	-	20
Barium, TCLP	99	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	102	-	75-125	-	20
Copper, TCLP	99	-	75-125	-	20
Lead, TCLP	102	-	75-125	-	20
Nickel, TCLP	95	-	75-125	-	20
Selenium, TCLP	104	-	75-125	-	20
Silver, TCLP	102	-	75-125	-	20
Zinc, TCLP	110	-	75-125	-	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1132346-2					
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	101	-	75-125	-	20
Cadmium, TCLP	103	-	75-125	-	20
Chromium, TCLP	102	-	75-125	-	20
Copper, TCLP	98	-	75-125	-	20
Lead, TCLP	105	-	75-125	-	20
Nickel, TCLP	97	-	75-125	-	20
Selenium, TCLP	103	-	75-125	-	20
Silver, TCLP	97	-	75-125	-	20
Zinc, TCLP	117	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1130592-3 WG1130592-4 QC Sample: L1823799-02 Client ID: MS Sample												
Mercury, Total	0.099	0.147	0.406	208	Q	0.248	100		80-120	48	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1130592-5 WG1130592-6 QC Sample: L1823830-01 Client ID: MS Sample												
Mercury, Total	0.052J	0.141	0.227	161	Q	0.213	151	Q	80-120	6		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1130823-3 QC Sample: L1824341-03 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0264	106		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1130825-3 QC Sample: L1824221-05 Client ID: 61-WC (0-7)												
Mercury, TCLP	ND	0.025	0.0258	103		-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132292-3 WG1132292-4 QC Sample: L1824222-12 Client ID: MS Sample											
Aluminum, Total	2360	181	3670	724	Q	3740	769	Q	75-125	2	20
Antimony, Total	0.441J	45.2	38.3	85		38.4	86		75-125	0	20
Arsenic, Total	0.670J	10.9	10.8	99		10.3	96		75-125	5	20
Barium, Total	24.0	181	201	98		188	91		75-125	7	20
Beryllium, Total	0.074J	4.52	3.98	88		3.90	87		75-125	2	20
Cadmium, Total	0.165J	4.62	4.31	93		4.33	94		75-125	0	20
Calcium, Total	213.	905	1150	104		1100	99		75-125	4	20
Chromium, Total	6.07	18.1	23.0	94		23.2	95		75-125	1	20
Cobalt, Total	2.14	45.2	41.1	86		41.1	87		75-125	0	20
Copper, Total	5.74	22.6	28.1	99		26.8	94		75-125	5	20
Iron, Total	4590	90.5	6120	1690	Q	6540	2170	Q	75-125	7	20
Lead, Total	1.61J	46.2	42.9	93		42.8	93		75-125	0	20
Magnesium, Total	963.	905	2340	152	Q	2800	205	Q	75-125	18	20
Manganese, Total	446.	45.2	680	517	Q	463	38	Q	75-125	38	Q 20
Nickel, Total	19.4	45.2	62.5	95		60.2	91		75-125	4	20
Potassium, Total	220.J	905	1150	127	Q	1060	118		75-125	8	20
Selenium, Total	0.330J	10.9	9.66	89		9.46	88		75-125	2	20
Silver, Total	ND	27.2	27.4	101		27.1	101		75-125	1	20
Sodium, Total	71.4J	905	886	98		876	98		75-125	1	20
Thallium, Total	ND	10.9	9.82	90		9.49	88		75-125	3	20
Vanadium, Total	5.37	45.2	47.7	94		47.6	94		75-125	0	20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132292-3 WG1132292-4 QC Sample: L1824222-12 Client ID: MS Sample									
Zinc, Total	9.83	45.2	58.7	108	54.4	99	75-125	8	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132292-7 WG1132292-8 QC Sample: L1824222-15 Client ID: MS Sample											
Aluminum, Total	3330	193	3410	41	Q	3870	280	Q	75-125	13	20
Antimony, Total	0.624J	48.2	43.3	90		44.0	91		75-125	2	20
Arsenic, Total	2.22	11.6	12.5	89		12.7	90		75-125	2	20
Barium, Total	24.5	193	200	91		204	93		75-125	2	20
Beryllium, Total	0.180J	4.82	4.60	95		4.57	95		75-125	1	20
Cadmium, Total	0.255J	4.92	4.81	98		4.83	98		75-125	0	20
Calcium, Total	368.	964	1280	94		1400	107		75-125	9	20
Chromium, Total	9.22	19.3	26.8	91		26.8	91		75-125	0	20
Cobalt, Total	3.60	48.2	45.9	88		46.4	89		75-125	1	20
Copper, Total	8.79	24.1	29.6	86		31.6	94		75-125	7	20
Iron, Total	9250	96.4	8120	0	Q	8070	0	Q	75-125	1	20
Lead, Total	2.90J	49.2	47.9	97		48.0	97		75-125	0	20
Magnesium, Total	1340	964	2220	91		2370	107		75-125	7	20
Manganese, Total	186.	48.2	194	16	Q	223	77		75-125	14	20
Nickel, Total	20.2	48.2	62.5	88		66.5	96		75-125	6	20
Potassium, Total	332.	964	1200	90		1270	97		75-125	6	20
Selenium, Total	0.435J	11.6	10.7	92		10.8	93		75-125	1	20
Silver, Total	ND	28.9	28.6	99		28.7	99		75-125	0	20
Sodium, Total	100.J	964	1020	106		1030	107		75-125	1	20
Thallium, Total	ND	11.6	10.0	86		10.2	88		75-125	2	20
Vanadium, Total	12.9	48.2	57.8	93		56.6	90		75-125	2	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits

Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1132292-7 WG1132292-8 QC Sample: L1824222-15 Client ID: MS Sample

Zinc, Total	14.3	48.2	57.4	89	59.3	93	75-125	3	20

TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1132344-3 QC Sample: L1824221-01 Client ID: 40-WC (0-12)

Arsenic, TCLP	ND	1.2	1.26	105	-	-	75-125	-	20
Barium, TCLP	0.484J	20	20.1	100	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.530	104	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.04	102	-	-	75-125	-	20
Copper, TCLP	ND	2.5	2.48	99	-	-	75-125	-	20
Lead, TCLP	0.283J	5.1	5.48	107	-	-	75-125	-	20
Nickel, TCLP	0.041J	5	4.77	95	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.27	106	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.513	103	-	-	75-125	-	20
Zinc, TCLP	1.91	5	7.16	105	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1132346-3 QC Sample: L1824221-05 Client ID: 61-WC (0-7)									
Arsenic, TCLP	ND	1.2	1.28	107	-	-	75-125	-	20
Barium, TCLP	0.349J	20	20.4	102	-	-	75-125	-	20
Cadmium, TCLP	0.011J	0.51	0.542	106	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.02	101	-	-	75-125	-	20
Copper, TCLP	0.025J	2.5	2.50	100	-	-	75-125	-	20
Lead, TCLP	6.94	5.1	12.2	103	-	-	75-125	-	20
Nickel, TCLP	ND	5	4.84	97	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.27	106	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.499	100	-	-	75-125	-	20
Zinc, TCLP	3.58	5	8.70	102	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1130823-4 QC Sample: L1824341-03 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1130825-4 QC Sample: L1824221-05 Client ID: 61-WC (0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1132344-4 QC Sample: L1824221-01 Client ID: 40-WC (0-12)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.484J	0.514	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Copper, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.283J	0.312J	mg/l	NC		20
Nickel, TCLP	0.041J	0.044J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
Zinc, TCLP	1.91	2.06	mg/l	8		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1132346-4 QC Sample: L1824221-05 Client ID: 61-WC (0-7)					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.349J	0.348J	mg/l	NC	20
Cadmium, TCLP	0.011J	0.011J	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Copper, TCLP	0.025J	ND	mg/l	NC	20
Lead, TCLP	6.94	6.96	mg/l	0	20
Nickel, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
Zinc, TCLP	3.58	3.61	mg/l	1	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/28/18 04:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/28/18 04:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/28/18 04:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-01
Client ID: 40-WC (0-12)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:10
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.52		SU	-	NA	1	-	06/28/18 10:37	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI
Solids, Total Volatile	3.0		%	0.10	0.10	1	-	06/29/18 13:05	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/18 20:39	06/28/18 12:09	1,9010C/9012B	LH
pH (H)	10.2		SU	-	NA	1	-	06/27/18 20:03	1,9045D	AS
Oil & Grease, Hem-Grav	272		mg/kg	227	227.	1	06/30/18 06:30	06/30/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.907	0.181	1	06/29/18 05:00	06/29/18 23:00	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:18	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:27	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824221**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-02**Client ID:** 40-WC (5-6)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/26/18 09:05**Date Received:** 06/26/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-03
Client ID: 21-WC (0-8)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 09:50
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.82		SU	-	NA	1	-	06/28/18 10:37	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI
Solids, Total Volatile	3.5		%	0.10	0.10	1	-	06/29/18 13:05	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/27/18 20:39	06/28/18 12:13	1,9010C/9012B	LH
pH (H)	9.6		SU	-	NA	1	-	06/27/18 20:03	1,9045D	AS
Oil & Grease, Hem-Grav	469		mg/kg	223	223.	1	06/30/18 06:30	06/30/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.894	0.179	1	06/29/18 05:00	06/29/18 23:00	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:18	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:27	125,7.3	JD



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1824221**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-04**Client ID:** 21-WC (7-8)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/26/18 09:45**Date Received:** 06/26/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-05
Client ID: 61-WC (0-7)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:25
Date Received: 06/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.17		SU	-	NA	1	-	06/28/18 10:37	1,1311	LF
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI
Solids, Total Volatile	2.4		%	0.10	0.10	1	-	06/29/18 13:05	121,2540G	DW
Cyanide, Total	0.74	J	mg/kg	1.0	0.22	1	06/27/18 20:39	06/28/18 12:14	1,9010C/9012B	LH
pH (H)	10.5		SU	-	NA	1	-	06/27/18 20:03	1,9045D	AS
Oil & Grease, Hem-Grav	234		mg/kg	223	223.	1	06/30/18 06:30	06/30/18 11:00	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.893	0.178	1	06/29/18 05:00	06/29/18 23:00	1,7196A	AJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/01/18 11:18	07/01/18 13:23	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/01/18 11:18	07/01/18 13:04	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-06

Client ID: 61-WC (0-1)

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/18 10:20

Date Received: 06/26/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/27/18 09:20	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-07

Date Collected: 06/26/18 09:10

Client ID: ASTM LEACHATE OF 40-WC (0-12)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	180		mg/l	10	NA	1	-	06/29/18 10:45	121,2540B	DW
Nitrogen, Ammonia	0.027	J	mg/l	0.075	0.024	1	06/29/18 13:30	06/29/18 21:08	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/29/18 07:00	06/29/18 10:37	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/28/18 17:30	06/28/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**SAMPLE RESULTS****Lab ID:** L1824221-08**Date Collected:** 06/26/18 09:10**Client ID:** ASTM LEACHATE OF 21-WC (0-8)**Date Received:** 06/26/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	480		mg/l	10	NA	1	-	06/29/18 10:45	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/29/18 13:30	06/29/18 21:09	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/29/18 07:00	06/29/18 10:37	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/28/18 17:30	06/28/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1824221

Project Number: 2861.0001Y000

Report Date: 07/06/18

SAMPLE RESULTS

Lab ID: L1824221-09

Date Collected: 06/26/18 09:10

Client ID: ASTM LEACHATE OF 61-WC (0-7)

Date Received: 06/26/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	370		mg/l	10	NA	1	-	06/29/18 10:45	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/29/18 13:30	06/29/18 21:10	121,4500NH3-BH	AT
Chemical Oxygen Demand	12.	J	mg/l	20	6.0	1	06/29/18 07:00	06/29/18 10:37	121,5220D	SD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/28/18 17:30	06/28/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1824221**Project Number:** 2861.0001Y000**Report Date:** 07/06/18**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1130388-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/27/18 20:39	06/28/18 11:37	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1130881-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	06/28/18 17:30	06/28/18 18:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1131027-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	06/29/18 13:05	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1131028-1										
Solids, Total	ND		mg/l	10	NA	1	-	06/29/18 10:45	121,2540B	DW
General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1131045-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	06/29/18 07:00	06/29/18 10:32	121,5220D	SD
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1131062-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/29/18 05:00	06/29/18 23:00	1,7196A	AJ
General Chemistry - Westborough Lab for sample(s): 07-09 Batch: WG1131143-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	06/29/18 13:30	06/29/18 20:55	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1131413-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:26	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1131414-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/30/18 01:00	06/30/18 03:16	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1131479-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	06/30/18 06:30	06/30/18 11:00	1,9071B	KZ
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1131667-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/01/18 11:18	07/01/18 13:04	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1131669-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/01/18 11:18	07/01/18 13:23	125,7.3	RM
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03 Batch: WG1132356-1										
pH, Extraction Post-Filtration	4.89		SU	-	NA	1	-	06/28/18 10:37	1,1311	LF
TCLP pH Extraction Data - Westborough Lab for sample(s): 05 Batch: WG1132358-1										
pH, Extraction Post-Filtration	3.11		SU	-	NA	1	-	06/28/18 10:37	1,1311	LF



Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1130388-2 WG1130388-3								
Cyanide, Total	75	Q	64	Q	80-120	21		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1130454-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1130881-2								
Oil & Grease, Hem-Grav	93		-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1131028-2								
Solids, Total	104		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1131045-2								
Chemical Oxygen Demand	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131062-2								
Chromium, Hexavalent	81		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 07-09 Batch: WG1131143-2								
Nitrogen, Ammonia	99		-		80-120	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1131413-2					
Sulfide, Reactive	120	-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1131414-2					
Cyanide, Reactive	116	-	30-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1131479-2					
Oil & Grease, Hem-Grav	99	-	64-132	-	34
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1131667-2					
Sulfide, Reactive	81	-	60-125	-	40
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1131669-2					
Cyanide, Reactive	83	-	30-125	-	40

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1130388-4 WG1130388-5 QC Sample: L1824221-01 Client ID: 40-WC (0-12)												
Cyanide, Total	ND	10	10	96		10	96		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1130881-4 QC Sample: L1800006-164 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40	38	94		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1131045-3 QC Sample: L1824191-08 Client ID: MS Sample												
Chemical Oxygen Demand	370	476	840	98		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131062-4 QC Sample: L1824221-01 Client ID: 40-WC (0-12)												
Chromium, Hexavalent	ND	965	769	80		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1131143-4 QC Sample: L1824348-02 Client ID: MS Sample												
Nitrogen, Ammonia	ND	4	3.28	82		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131479-4 QC Sample: L1824465-02 Client ID: MS Sample												
Oil & Grease, Hem-Grav	283.	4720	5920	120		-	-		64-132	-		34

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1824221

Report Date: 07/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1130207-1 QC Sample: L1823055-01 Client ID: DUP Sample						
Solids, Total	90.3	90.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1130454-2 QC Sample: L1823285-01 Client ID: DUP Sample						
pH	9.2	8.9	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1130881-3 QC Sample: L1800006-164 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131027-2 QC Sample: L1824226-01 Client ID: DUP Sample						
Solids, Total Volatile	1.8	2.5	%	33	Q	11
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1131028-3 QC Sample: L1824221-07 Client ID: ASTM LEACHATE OF 40-WC (0-12)						
Solids, Total	180	180	mg/l	0		16
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1131045-4 QC Sample: L1824191-08 Client ID: DUP Sample						
Chemical Oxygen Demand	370	390	mg/l	5		12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131062-6 QC Sample: L1824221-01 Client ID: 40-WC (0-12)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1131143-3 QC Sample: L1824348-02 Client ID: DUP Sample						
Nitrogen, Ammonia	ND	0.028J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1131413-3 QC Sample: L1824884-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1824221
Report Date: 07/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1131414-3 QC Sample: L1824884-01 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1131479-3 QC Sample: L1824465-02 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	283.	613	mg/kg	74	Q 34
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1131667-3 QC Sample: L1824696-04 Client ID: DUP Sample					
Sulfide, Reactive	ND	ND	mg/kg	NC	40
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1131669-3 QC Sample: L1824696-04 Client ID: DUP Sample					
Cyanide, Reactive	ND	ND	mg/kg	NC	40

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:07061816:13
Lab Number: L1824221
Report Date: 07/06/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824221-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824221-01B	Glass 120ml/4oz unpreserved	D	NA		2.4	Y	Absent		HEXCR-7196(30)
L1824221-01C	Glass 250ml/8oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-01D	Glass 500ml/16oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-01V9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-01W	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824221-01X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824221-01X9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-02A	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-02B	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-02C	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-02D	Plastic 2oz unpreserved for TS	D	NA		2.4	Y	Absent		TS(7)
L1824221-02E	Vial Large Septa unpreserved (4oz)	D	NA		2.4	Y	Absent		TCLP-EXT-ZHE(14)
L1824221-02S	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)
L1824221-02T	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824221-02X	Vial MeOH preserved split	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-02Y	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)
L1824221-02Z	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)
L1824221-03A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824221-03B	Glass 120ml/4oz unpreserved	D	NA		2.4	Y	Absent		HEXCR-7196(30)
L1824221-03C	Glass 250ml/8oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-03D	Glass 500ml/16oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-03V9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-03W	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824221-03X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824221-03X9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-04A	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-04B	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-04C	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-04D	Plastic 2oz unpreserved for TS	D	NA		2.4	Y	Absent		TS(7)
L1824221-04E	Vial Large Septa unpreserved (4oz)	D	NA		2.4	Y	Absent		TCLP-EXT-ZHE(14)
L1824221-04S	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)
L1824221-04T	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)
L1824221-04X	Vial MeOH preserved split	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-04Y	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)

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L1824221-04Z	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)
L1824221-05A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1824221-05B	Glass 120ml/4oz unpreserved	D	NA		2.4	Y	Absent		HEXCR-7196(30)
L1824221-05C	Glass 250ml/8oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-05D	Glass 500ml/16oz unpreserved	D	NA		2.4	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14)
L1824221-05V9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-05W	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1824221-05X	Plastic 120ml HNO3 preserved Extracts	D	NA		2.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1824221-05X9	Tumble Vessel	D	NA		2.4	Y	Absent		-
L1824221-06A	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-06B	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-06C	5 gram Encore Sampler	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-06D	Plastic 2oz unpreserved for TS	D	NA		2.4	Y	Absent		TS(7)
L1824221-06E	Vial Large Septa unpreserved (4oz)	D	NA		2.4	Y	Absent		TCLP-EXT-ZHE(14)
L1824221-06S	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)
L1824221-06T	Vial unpreserved Extracts	D	NA		2.4	Y	Absent		TCLP-VOA(14)
L1824221-06X	Vial MeOH preserved split	D	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L1824221-06Y	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)
L1824221-06Z	Vial Water preserved split	D	NA		2.4	Y	Absent	27-JUN-18 12:11	NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1824221-07A	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-07A1	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-07B	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-07C	Plastic 500ml H2SO4 preserved split	D	NA		2.4	Y	Absent		COD-5220(28),NH3-4500(28)
L1824221-07D	Amber 1000ml HCl preserved split	D	NA		2.4	Y	Absent		OG-1664(28)
L1824221-07E	Plastic 250ml unpreserved split	D	NA		2.4	Y	Absent		TSC-2540(7)
L1824221-08A	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-08A1	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-08B	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-08C	Plastic 500ml H2SO4 preserved split	D	NA		2.4	Y	Absent		COD-5220(28),NH3-4500(28)
L1824221-08D	Amber 1000ml HCl preserved split	D	NA		2.4	Y	Absent		OG-1664(28)
L1824221-08E	Plastic 250ml unpreserved split	D	NA		2.4	Y	Absent		TSC-2540(7)
L1824221-09A	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-09A1	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-09B	Amber 1000ml unpreserved Extracts	D	NA		2.4	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1824221-09C	Plastic 500ml H2SO4 preserved split	D	NA		2.4	Y	Absent		COD-5220(28),NH3-4500(28)
L1824221-09D	Amber 1000ml HCl preserved split	D	NA		2.4	Y	Absent		OG-1664(28)
L1824221-09E	Plastic 250ml unpreserved split	D	NA		2.4	Y	Absent		TSC-2540(7)

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

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projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 300:** DW: Bromide**EPA 6860:** SCM: Perchlorate**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,****SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.****EPA 624:** Volatile Halocarbons & Aromatics,**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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ANALYTICAL REPORT

Lab Number:	L1828684
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	08/01/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1828684-01	DL-63/66/62-WC (0-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	07/25/18 12:45	07/25/18
L1828684-02	DL-66-WC (0-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	07/25/18 12:40	07/25/18
L1828684-03	ASTM LEACHATE OF DL- 63/66/62-WC (0-5)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	07/25/18 12:45	07/25/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Petroleum Hydrocarbon Quantitation

The WG1140550-3 MS recovery, performed on L1828684-01, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (257%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

The WG1140550-4 Laboratory Duplicate RPD for total petroleum hydrocarbons (c9-c44) (86%), performed on L1828684-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

NJ EPH (Total)

WG1140373: An MS was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Pesticides

L1828684-01: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L1828684-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

TCLP Mercury

The WG1141243-2 LCS recovery, associated with L1828684-01, is above the acceptance criteria for mercury (125%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Case Narrative (continued)

Oil & Grease, Hem-Grav

L1828684-03: The sample was received above the appropriate pH for the Oil & Grease analysis. The laboratory added HCl to a pH <2 just prior to analysis.

The WG1140496-4 MS recovery (202%), performed on L1828684-01, is outside the acceptance criteria; however, the associated LCS recovery is within criteria. No further action was taken.

Cyanide, Total

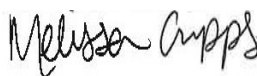
The WG1139883-3 LCSD recovery (78%), associated with L1828684-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1140919-5 Soluble MS recovery (13%), performed on L1828684-01, was outside the acceptance criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 96%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Melissa Cripps

Title: Technical Director/Representative

Date: 08/01/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-02
 Client ID: DL-66-WC (0-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:40
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/31/18 09:20
 Analyst: MM
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 07/30/18 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	93		70-130
dibromofluoromethane	111		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-02
 Client ID: DL-66-WC (0-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:40
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/29/18 22:04
 Analyst: JC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	0.61	J	ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-02
 Client ID: DL-66-WC (0-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:40
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	3.6	J	ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-02**Date Collected:** 07/25/18 12:40**Client ID:** DL-66-WC (0-2)**Date Received:** 07/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.7	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Acrolein	ND		ug/kg	28	6.2	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	110	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/29/18 19:01
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG1140912-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/29/18 19:01
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG1140912-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/29/18 19:01
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG1140912-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/29/18 19:01
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG1140912-5					

Tentatively Identified Compounds

Total TIC Compounds	2.02	J	ug/kg
Unknown	2.02	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8260C**Analytical Date:** 07/31/18 08:29**Analyst:** MM**TCLP/SPLP Extraction Date:** 07/30/18 15:36**Extraction Date:** 07/30/18 15:36

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1141245-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	4.0	J	ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG1140912-3 WG1140912-4								
Methylene chloride	96		100		70-130	4		30
1,1-Dichloroethane	104		109		70-130	5		30
Chloroform	101		103		70-130	2		30
Carbon tetrachloride	99		97		70-130	2		30
1,2-Dichloropropane	105		107		70-130	2		30
Dibromochloromethane	90		89		70-130	1		30
1,1,2-Trichloroethane	101		102		70-130	1		30
Tetrachloroethene	85		88		70-130	3		30
Chlorobenzene	87		90		70-130	3		30
Trichlorofluoromethane	79		80		70-139	1		30
1,2-Dichloroethane	104		101		70-130	3		30
1,1,1-Trichloroethane	99		102		70-130	3		30
Bromodichloromethane	102		102		70-130	0		30
trans-1,3-Dichloropropene	104		108		70-130	4		30
cis-1,3-Dichloropropene	104		109		70-130	5		30
1,1-Dichloropropene	102		105		70-130	3		30
Bromoform	96		104		70-130	8		30
1,1,2,2-Tetrachloroethane	111		112		70-130	1		30
Benzene	97		102		70-130	5		30
Toluene	95		101		70-130	6		30
Ethylbenzene	97		100		70-130	3		30
Chloromethane	102		102		52-130	0		30
Bromomethane	73		75		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG1140912-3 WG1140912-4								
Vinyl chloride	98		98		67-130	0		30
Chloroethane	82		90		50-151	9		30
1,1-Dichloroethene	98		97		65-135	1		30
trans-1,2-Dichloroethene	96		100		70-130	4		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	93		92		70-130	1		30
1,3-Dichlorobenzene	92		96		70-130	4		30
1,4-Dichlorobenzene	89		92		70-130	3		30
Methyl tert butyl ether	94		94		66-130	0		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Dibromomethane	97		101		70-130	4		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	100		102		30-146	2		30
Acetone	95		87		54-140	9		30
Carbon disulfide	103		106		59-130	3		30
2-Butanone	80		70		70-130	13		30
Vinyl acetate	100		100		70-130	0		30
4-Methyl-2-pentanone	104		103		70-130	1		30
1,2,3-Trichloropropane	102		112		68-130	9		30
2-Hexanone	70		69	Q	70-130	1		30
Bromochloromethane	82		88		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG1140912-3 WG1140912-4								
2,2-Dichloropropane	102		104		70-130	2		30
1,2-Dibromoethane	93		92		70-130	1		30
1,3-Dichloropropane	104		105		69-130	1		30
1,1,1,2-Tetrachloroethane	91		92		70-130	1		30
Bromobenzene	92		93		70-130	1		30
n-Butylbenzene	106		107		70-130	1		30
sec-Butylbenzene	102		104		70-130	2		30
tert-Butylbenzene	91		95		70-130	4		30
o-Chlorotoluene	98		103		70-130	5		30
p-Chlorotoluene	99		104		70-130	5		30
1,2-Dibromo-3-chloropropane	90		94		68-130	4		30
Hexachlorobutadiene	96		100		67-130	4		30
Isopropylbenzene	101		104		70-130	3		30
p-Isopropyltoluene	91		94		70-130	3		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	95		92		70-130	3		30
Tert-Butyl Alcohol	95		92		70-130	3		30
n-Propylbenzene	103		106		70-130	3		30
1,2,3-Trichlorobenzene	91		89		70-130	2		30
1,2,4-Trichlorobenzene	87		87		70-130	0		30
1,3,5-Trimethylbenzene	101		101		70-130	0		30
1,2,4-Trimethylbenzene	102		105		70-130	3		30
Methyl Acetate	91		92		51-146	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG1140912-3 WG1140912-4								
Acrolein	96		99		70-130	3		30
Cyclohexane	102		102		59-142	0		30
1,4-Dioxane	80		82		65-136	2		30
Freon-113	101		102		50-139	1		30
p-Diethylbenzene	86		88		70-130	2		30
p-Ethyltoluene	99		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	84		86		70-130	2		30
Ethyl ether	95		97		67-130	2		30
trans-1,4-Dichloro-2-butene	112		122		70-130	9		30
Methyl cyclohexane	95		97		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		109		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	106		110		70-130
Dibromofluoromethane	94		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1141245-3 WG1141245-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	100		85		70-130	16		20
Chlorobenzene	94		87		75-130	8		25
1,2-Dichloroethane	110		110		70-130	0		20
Benzene	110		110		70-130	0		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	120		130		61-145	8		25
Trichloroethene	110		100		70-130	10		25
1,4-Dichlorobenzene	90		86		70-130	5		20
2-Butanone	110		110		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		95		70-130
Toluene-d8	87		83		70-130
4-Bromofluorobenzene	93		93		70-130
dibromofluoromethane	111		109		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/18 04:37
 Analyst: JG
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 07/26/18 22:39

Extraction Method: EPA 3510C
 Extraction Date: 07/28/18 01:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	94		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/30/18 17:51
 Analyst: PS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4800		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	58000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	2500		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	41000	E	ug/kg	110	22.	1
Benzo(a)pyrene	29000	E	ug/kg	150	47.	1
Benzo(b)fluoranthene	41000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	6600		ug/kg	110	31.	1
Chrysene	22000	E	ug/kg	110	20.	1
Acenaphthylene	5800		ug/kg	150	30.	1
Anthracene	16000	E	ug/kg	110	37.	1
Benzo(ghi)perylene	21000	E	ug/kg	150	22.	1
Fluorene	6800		ug/kg	190	18.	1
Phenanthrene	47000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	6800		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	22000	E	ug/kg	150	27.	1
Pyrene	52000	E	ug/kg	110	19.	1
Biphenyl	650		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	1100		ug/kg	190	79.	1
Dibenzofuran	4100		ug/kg	190	18.	1
2-Methylnaphthalene	1600		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	26	J	ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	77	J	ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	100	J	ug/kg	190	29.	1
2-Methylphenol	52	J	ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	180	J	ug/kg	280	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-01**Date Collected:** 07/25/18 12:45**Client ID:** DL-63/66/62-WC (0-5)**Date Received:** 07/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	5400		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	69	J	ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-01**Date Collected:** 07/25/18 12:45**Client ID:** DL-63/66/62-WC (0-5)**Date Received:** 07/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	11200	J	ug/kg			1
Unknown PAH	666	J	ug/kg			1
Unknown PAH	410	J	ug/kg			1
Unknown PAH	277	J	ug/kg			1
Unknown	412	J	ug/kg			1
Unknown	470	J	ug/kg			1
Unknown Naphthalene	1420	J	ug/kg			1
Unknown PAH	1070	J	ug/kg			1
Unknown	354	J	ug/kg			1
Unknown	1760	J	ug/kg			1
Unknown PAH	379	J	ug/kg			1
Unknown PAH	736	J	ug/kg			1
Unknown PAH	244	J	ug/kg			1
Unknown PAH	297	J	ug/kg			1
Unknown PAH	303	J	ug/kg			1
Unknown PAH	331	J	ug/kg			1
Unknown PAH	551	J	ug/kg			1
Unknown PAH	553	J	ug/kg			1
Unknown PAH	331	J	ug/kg			1
Unknown PAH	308	J	ug/kg			1
Unknown PAH	282	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-01**Date Collected:** 07/25/18 12:45**Client ID:** DL-63/66/62-WC (0-5)**Date Received:** 07/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	104		18-120

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01 D
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/31/18 05:51
Analyst: PS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	80000		ug/kg	2300	440	20
Benzo(a)anthracene	34000		ug/kg	2300	430	20
Benzo(a)pyrene	29000		ug/kg	3100	930	20
Benzo(b)fluoranthene	35000		ug/kg	2300	640	20
Chrysene	29000		ug/kg	2300	400	20
Anthracene	16000		ug/kg	2300	750	20
Benzo(ghi)perylene	17000		ug/kg	3100	450	20
Phenanthrene	64000		ug/kg	2300	460	20
Indeno(1,2,3-cd)pyrene	19000		ug/kg	3100	530	20
Pyrene	72000		ug/kg	2300	380	20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/28/18 23:50
 Analyst: JG
 TCLP/SPLP Extraction Date: 07/26/18 22:39

Extraction Method: EPA 3510C
 Extraction Date: 07/28/18 01:23

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1140463-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	102		33-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/29/18 13:15
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1140471-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	530	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/29/18 13:15
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1140471-1					
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	320	31.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/29/18 13:15
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1140471-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/29/18 13:15
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 03:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1140471-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	115		25-120
Phenol-d6	119		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	105		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	121	Q	18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1140463-2 WG1140463-3								
Hexachlorobenzene	76		77		40-140	1		30
2,4-Dinitrotoluene	90		95		40-132	5		30
Hexachlorobutadiene	58		55		28-111	5		30
Hexachloroethane	60		56		21-105	7		30
Nitrobenzene	74		77		40-140	4		30
2,4,6-Trichlorophenol	73		80		30-130	9		30
Pentachlorophenol	76		79		9-103	4		30
2-Methylphenol	67		75		30-130	11		30
3-Methylphenol/4-Methylphenol	76		77		30-130	1		30
2,4,5-Trichlorophenol	80		88		30-130	10		30
Pyridine	43		38		10-66	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		72		21-120
Phenol-d6	73		70		10-120
Nitrobenzene-d5	91		85		23-120
2-Fluorobiphenyl	81		80		15-120
2,4,6-Tribromophenol	96		89		10-120
4-Terphenyl-d14	103		97		33-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1140471-2 WG1140471-3								
Acenaphthene	97		102		31-137	5		50
Benzidine	64		65		10-66	2		50
1,2,4-Trichlorobenzene	96		95		38-107	1		50
Hexachlorobenzene	101		108		40-140	7		50
Bis(2-chloroethyl)ether	97		96		40-140	1		50
2-Chloronaphthalene	100		104		40-140	4		50
3,3'-Dichlorobenzidine	95		98		40-140	3		50
2,4-Dinitrotoluene	109		116		40-132	6		50
2,6-Dinitrotoluene	110		112		40-140	2		50
Azobenzene	103		109		40-140	6		50
Fluoranthene	108		112		40-140	4		50
4-Chlorophenyl phenyl ether	97		104		40-140	7		50
4-Bromophenyl phenyl ether	105		110		40-140	5		50
Bis(2-chloroisopropyl)ether	100		98		40-140	2		50
Bis(2-chloroethoxy)methane	103		102		40-117	1		50
Hexachlorobutadiene	93		94		40-140	1		50
Hexachlorocyclopentadiene	69		74		40-140	7		50
Hexachloroethane	88		86		40-140	2		50
Isophorone	101		101		40-140	0		50
Naphthalene	94		97		40-140	3		50
Nitrobenzene	97		95		40-140	2		50
NDPA/DPA	103		108		36-157	5		50
n-Nitrosodi-n-propylamine	100		100		32-121	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1140471-2 WG1140471-3								
Bis(2-ethylhexyl)phthalate	106		108		40-140	2		50
Butyl benzyl phthalate	111		112		40-140	1		50
Di-n-butylphthalate	106		110		40-140	4		50
Di-n-octylphthalate	106		108		40-140	2		50
Diethyl phthalate	100		104		40-140	4		50
Dimethyl phthalate	102		107		40-140	5		50
Benzo(a)anthracene	101		103		40-140	2		50
Benzo(a)pyrene	109		109		40-140	0		50
Benzo(b)fluoranthene	101		117		40-140	15		50
Benzo(k)fluoranthene	110		97		40-140	13		50
Chrysene	102		104		40-140	2		50
Acenaphthylene	103		108		40-140	5		50
Anthracene	104		109		40-140	5		50
Benzo(ghi)perylene	103		107		40-140	4		50
Fluorene	100		106		40-140	6		50
Phenanthrene	101		105		40-140	4		50
Dibenzo(a,h)anthracene	103		108		40-140	5		50
Indeno(1,2,3-cd)pyrene	103		110		40-140	7		50
Pyrene	105		107		35-142	2		50
Biphenyl	103		109	Q	54-104	6		50
4-Chloroaniline	82		87		40-140	6		50
2-Nitroaniline	108		114		47-134	5		50
3-Nitroaniline	87		91		26-129	4		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1140471-2 WG1140471-3								
4-Nitroaniline	100		104		41-125	4		50
Dibenzofuran	99		107		40-140	8		50
2-Methylnaphthalene	99		104		40-140	5		50
1,2,4,5-Tetrachlorobenzene	101		106		40-117	5		50
Acetophenone	102		103		14-144	1		50
n-Nitrosodimethylamine	91		92		22-100	1		50
2,4,6-Trichlorophenol	104		111		30-130	7		50
p-Chloro-m-cresol	104	Q	112	Q	26-103	7		50
2-Chlorophenol	103	Q	104	Q	25-102	1		50
2,4-Dichlorophenol	108		111		30-130	3		50
2,4-Dimethylphenol	107		107		30-130	0		50
2-Nitrophenol	103		103		30-130	0		50
4-Nitrophenol	107		115	Q	11-114	7		50
2,4-Dinitrophenol	75		89		4-130	17		50
4,6-Dinitro-o-cresol	92		103		10-130	11		50
Pentachlorophenol	88		96		17-109	9		50
Phenol	102	Q	100	Q	26-90	2		50
2-Methylphenol	108		110		30-130	2		50
3-Methylphenol/4-Methylphenol	105		106		30-130	1		50
2,4,5-Trichlorophenol	107		116		30-130	8		50
Benzoic Acid	46		56		10-110	20		50
Benzyl Alcohol	104		103		40-140	1		50
Carbazole	107		110		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1140471-2 WG1140471-3								
Atrazine	129		136		40-140	5		50
Benzaldehyde	82		80		40-140	2		50
Caprolactam	116		124		15-130	7		50
2,3,4,6-Tetrachlorophenol	101		111		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		105		25-120
Phenol-d6	111		112		10-120
Nitrobenzene-d5	102		102		23-120
2-Fluorobiphenyl	103		107		30-120
2,4,6-Tribromophenol	110		117		10-136
4-Terphenyl-d14	112		115		18-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 07/29/18 18:39
Analyst: DG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/27/18 16:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	3430		mg/kg	83.8	83.8	3
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	113			40-140		
o-Terphenyl	133			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01 D
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 07/29/18 12:32
Analyst: SR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/28/18 11:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1330		mg/kg	76.1	7.63	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	98			40-140		

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 07/29/18 10:37

Extraction Date: 07/27/18 16:11

Analyst: DG

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01 Batch: WG1140373-1					
Total EPH	ND		mg/kg	22.8	22.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	79		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015D(M)
 Analytical Date: 07/29/18 12:00
 Analyst: SR

Extraction Method: EPA 3546
 Extraction Date: 07/28/18 11:57

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01 Batch: WG1140550-1					
DROD (C9-C44)	3.49	J	mg/kg	32.4	3.24

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1140373-2 WG1140373-3								
Total EPH	105		104		40-140	1		25
Nonane (C9)	72		71		40-140	1		25
Decane (C10)	80		80		40-140	0		25
Dodecane (C12)	80		81		40-140	1		25
Tetradecane (C14)	90		90		40-140	0		25
Hexadecane (C16)	90		92		40-140	2		25
Octadecane (C18)	97		99		40-140	2		25
Eicosane (C20)	95		98		40-140	3		25
Heneicosane (C21)	97		100		40-140	3		25
Docosane (C22)	96		99		40-140	3		25
Tetracosane (C24)	98		100		40-140	2		25
Hexacosane (C26)	96		100		40-140	4		25
Octacosane (C28)	95		98		40-140	3		25
triacontane (C30)	96		99		40-140	3		25
Dotriacontane (C32)	97		99		40-140	2		25
Tetratriacontane (C34)	94		96		40-140	2		25
Hexatriacontane (C36)	102		100		40-140	2		25
Octatriacontane (C38)	96		100		40-140	4		25
Tetracontane (C40)	94		100		40-140	6		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1140373-2 WG1140373-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	81		85		40-140
o-Terphenyl	84		88		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 Batch: WG1140550-2								
Total Petroleum Hydrocarbons (C9-C44)	90		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	83				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab 63/66/62-WC (0-5)	Associated sample(s): 01 QC Batch ID: WG1140550-3 QC Sample: L1828684-01 Client ID: DL-											
Total Petroleum Hydrocarbons (C9-C44)	1330	121	1640	257	Q	-	-		40-140	-		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	103				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140373-5 QC Sample: L1828378-01 Client ID: DUP Sample						
Total EPH	4190	2240	mg/kg	61	Q	50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	124		121		40-140
o-Terphenyl	107		108		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140550-4 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)

DROD (C9-C44)	1330	3330	mg/kg	86	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		103		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/30/18 06:13
 Analyst: AWS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/27/18 20:33
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/28/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	4.30	1	A
Aroclor 1221	ND		ug/kg	37.9	5.78	1	A
Aroclor 1232	ND		ug/kg	37.9	3.73	1	A
Aroclor 1242	ND		ug/kg	37.9	4.64	1	A
Aroclor 1248	ND		ug/kg	37.9	4.26	1	A
Aroclor 1254	ND		ug/kg	37.9	3.10	1	A
Aroclor 1260	5.00	J	ug/kg	37.9	3.96	1	A
Aroclor 1262	ND		ug/kg	37.9	3.12	1	A
Aroclor 1268	ND		ug/kg	37.9	2.69	1	A
PCBs, Total	5.00	J	ug/kg	37.9	2.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/30/18 06:39
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 07/27/18 20:33
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/28/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/29/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1140432-1						
Aroclor 1016	ND		ug/kg	32.4	3.68	A
Aroclor 1221	ND		ug/kg	32.4	4.94	A
Aroclor 1232	ND		ug/kg	32.4	3.19	A
Aroclor 1242	ND		ug/kg	32.4	3.97	A
Aroclor 1248	ND		ug/kg	32.4	3.64	A
Aroclor 1254	ND		ug/kg	32.4	2.64	A
Aroclor 1260	ND		ug/kg	32.4	3.38	A
Aroclor 1262	ND		ug/kg	32.4	2.66	A
Aroclor 1268	ND		ug/kg	32.4	2.30	A
PCBs, Total	ND		ug/kg	32.4	2.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1828684**Report Date:** 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1140432-2 WG1140432-3									
Aroclor 1016	84		83		40-140	1		50	A
Aroclor 1260	75		75		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		70		30-150	A
Decachlorobiphenyl	65		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		71		30-150	B
Decachlorobiphenyl	74		74		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/31/18 09:56
 Analyst: JW
 Percent Solids: 86%
 TCLP/SPLP Ext. Date: 07/26/18 22:39

Extraction Method: EPA 3510C
 Extraction Date: 07/28/18 02:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/31/18 23:56
Analyst: KEG
Percent Solids: 86%
TCLP/SPLP Ext. Date: 07/25/18 19:36
Methylation Date: 07/30/18 19:08

Extraction Method: EPA 8151A
Extraction Date: 07/30/18 08:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	69		30-150	A
DCAA	53		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01 D
 Client ID: DL-63/66/62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
 Date Received: 07/25/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 08/01/18 14:10
 Analyst: KEG
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/27/18 23:22
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	18.1	3.55	10	A
Lindane	ND		ug/kg	7.56	3.38	10	A
Alpha-BHC	ND		ug/kg	7.56	2.15	10	A
Beta-BHC	ND		ug/kg	18.1	6.88	10	A
Heptachlor	ND		ug/kg	9.07	4.07	10	A
Aldrin	ND		ug/kg	18.1	6.39	10	A
Heptachlor epoxide	ND		ug/kg	34.0	10.2	10	A
Endrin	ND		ug/kg	7.56	3.10	10	A
Endrin aldehyde	ND		ug/kg	22.7	7.94	10	A
Endrin ketone	ND		ug/kg	18.1	4.67	10	A
Dieldrin	ND		ug/kg	11.3	5.67	10	A
4,4'-DDE	ND		ug/kg	18.1	4.20	10	A
4,4'-DDD	ND		ug/kg	18.1	6.47	10	A
4,4'-DDT	23.5	JPI	ug/kg	34.0	14.6	10	B
Endosulfan I	ND		ug/kg	18.1	4.29	10	A
Endosulfan II	ND		ug/kg	18.1	6.06	10	A
Endosulfan sulfate	ND		ug/kg	7.56	3.60	10	A
Methoxychlor	ND		ug/kg	34.0	10.6	10	A
Toxaphene	ND		ug/kg	340	95.2	10	A
cis-Chlordane	ND		ug/kg	22.7	6.32	10	A
trans-Chlordane	ND		ug/kg	22.7	5.99	10	A
Chlordane	ND		ug/kg	147	60.1	10	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01 D

Date Collected: 07/25/18 12:45

Client ID: DL-63/66/62-WC (0-5)

Date Received: 07/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	B
Decachlorobiphenyl	147		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	191	Q	30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/30/18 18:45
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 07/27/18 23:22
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/29/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1140450-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	2.88	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A
Chlordane	ND		ug/kg	12.5	5.08	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8081B
Analytical Date: 07/30/18 18:45
Analyst: JWExtraction Method: EPA 3546
Extraction Date: 07/27/18 23:22
Cleanup Method: EPA 3620B
Cleanup Date: 07/29/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1140450-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/31/18 09:18
 Analyst: JW
 TCLP/SPLP Extraction Date: 07/26/18 22:39

Extraction Method: EPA 3510C
 Extraction Date: 07/28/18 02:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1140468-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/31/18 10:34
 Analyst: KEG
 TCLP/SPLP Extraction Date: 07/26/18 22:39
 Methylation Date: 07/30/18 19:08

Extraction Method: EPA 8151A
 Extraction Date: 07/30/18 08:16

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1140814-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1140450-2 WG1140450-3									
Delta-BHC	132		118		30-150	11		30	A
Lindane	130		117		30-150	11		30	A
Alpha-BHC	135		122		30-150	10		30	A
Beta-BHC	144		125		30-150	14		30	A
Heptachlor	129		116		30-150	11		30	A
Aldrin	132		116		30-150	13		30	A
Heptachlor epoxide	118		111		30-150	6		30	A
Endrin	117		108		30-150	8		30	A
Endrin aldehyde	91		77		30-150	17		30	A
Endrin ketone	93		86		30-150	8		30	A
Dieldrin	121		112		30-150	8		30	A
4,4'-DDE	119		108		30-150	10		30	A
4,4'-DDD	113		91		30-150	22		30	A
4,4'-DDT	106		97		30-150	9		30	A
Endosulfan I	111		102		30-150	8		30	A
Endosulfan II	108		98		30-150	10		30	A
Endosulfan sulfate	104		93		30-150	11		30	A
Methoxychlor	104		92		30-150	12		30	A
cis-Chlordane	114		104		30-150	9		30	A
trans-Chlordane	88		86		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1140450-2 WG1140450-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		94		30-150	B
Decachlorobiphenyl	83		83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		98		30-150	A
Decachlorobiphenyl	70		71		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1140468-2 WG1140468-3									
Lindane	114		116		30-150	2		20	A
Heptachlor	97		97		30-150	0		20	A
Heptachlor epoxide	107		107		30-150	0		20	A
Endrin	115		115		30-150	0		20	A
Methoxychlor	119		120		30-150	1		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	115		112		30-150	A
Decachlorobiphenyl	106		104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		102		30-150	B
Decachlorobiphenyl	105		104		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1140814-2 WG1140814-3									
2,4-D	139		190	Q	30-150	31	Q	25	A
2,4,5-TP (Silvex)	72		115		30-150	46	Q	25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	72		116		30-150	A
DCAA	62		72		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01

Date Collected: 07/25/18 12:45

Client ID: DL-63/66/62-WC (0-5)

Date Received: 07/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/26/18 22:39

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Barium, TCLP	0.369	J	mg/l	0.500	0.021	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Copper, TCLP	0.084	J	mg/l	0.200	0.022	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Lead, TCLP	0.827		mg/l	0.500	0.027	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Mercury, TCLP	0.0004	J	mg/l	0.0010	0.0003	1	07/31/18 10:05	07/31/18 12:21	EPA 7470A	1,7470A	MG
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE
Zinc, TCLP	1.94		mg/l	0.500	0.021	1	07/28/18 14:30	07/28/18 23:45	EPA 3015	1,6010D	PE



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS**

Lab ID: L1828684-01

Date Collected: 07/25/18 12:45

Client ID: DL-63/66/62-WC (0-5)

Date Received: 07/25/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4620		mg/kg	9.06	2.45	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Antimony, Total	4.49	J	mg/kg	4.53	0.344	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Arsenic, Total	7.60		mg/kg	0.906	0.188	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Barium, Total	434		mg/kg	0.906	0.158	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Beryllium, Total	0.281	J	mg/kg	0.453	0.030	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Cadmium, Total	1.13		mg/kg	0.906	0.089	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Calcium, Total	12900		mg/kg	9.06	3.17	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Chromium, Total	13.1		mg/kg	0.906	0.087	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Cobalt, Total	5.43		mg/kg	1.81	0.150	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Copper, Total	103		mg/kg	0.906	0.234	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Iron, Total	13100		mg/kg	4.53	0.818	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Lead, Total	507		mg/kg	4.53	0.243	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Magnesium, Total	1840		mg/kg	9.06	1.40	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Manganese, Total	210		mg/kg	0.906	0.144	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Mercury, Total	0.246		mg/kg	0.073	0.015	1	07/26/18 08:00	07/27/18 20:27	EPA 7471B	1,7471B	EA
Nickel, Total	12.8		mg/kg	2.26	0.219	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Potassium, Total	477		mg/kg	226	13.0	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Selenium, Total	1.38	J	mg/kg	1.81	0.234	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.906	0.256	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Sodium, Total	195		mg/kg	181	2.85	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.81	0.285	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Vanadium, Total	23.6		mg/kg	0.906	0.184	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
Zinc, Total	312		mg/kg	4.53	0.265	2	07/31/18 08:00	07/31/18 14:17	EPA 3050B	1,6010D	LC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	13		mg/kg	0.93	0.93	1		07/31/18 14:17	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1139656-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	07/26/18 08:00	07/27/18 19:37	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1140562-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Copper, TCLP	ND		mg/l	0.200	0.022	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Nickel, TCLP	ND		mg/l	0.500	0.024	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE
Zinc, TCLP	ND		mg/l	0.500	0.021	1	07/28/18 14:30	07/28/18 21:04	1,6010D	PE

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/26/18 22:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1141144-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1828684

Project Number: 2861.0001Y000

Report Date: 08/01/18

Method Blank Analysis Batch Quality Control

Chromium, Total	ND		mg/kg	0.400	0.038	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Iron, Total	1.52	J	mg/kg	2.00	0.361	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Manganese, Total	0.216	J	mg/kg	0.400	0.064	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Sodium, Total	1.73	J	mg/kg	80.0	1.26	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/31/18 08:00	07/31/18 12:32	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1141243-1										
Mercury, TCLP	0.0009	J	mg/l	0.0010	0.0003	1	07/31/18 10:05	07/31/18 12:17	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/26/18 22:39



Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1139656-2 SRM Lot Number: D098-540								
Mercury, Total	117		-		50-149	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1140562-2								
Arsenic, TCLP	102		-		75-125	-		20
Barium, TCLP	94		-		75-125	-		20
Cadmium, TCLP	97		-		75-125	-		20
Chromium, TCLP	95		-		75-125	-		20
Copper, TCLP	94		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Nickel, TCLP	91		-		75-125	-		20
Selenium, TCLP	104		-		75-125	-		20
Silver, TCLP	92		-		75-125	-		20
Zinc, TCLP	98		-		75-125	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1141144-2 SRM Lot Number: D098-540					
Aluminum, Total	61	-	47-153	-	
Antimony, Total	142	-	6-194	-	
Arsenic, Total	90	-	83-117	-	
Barium, Total	102	-	82-118	-	
Beryllium, Total	99	-	83-117	-	
Cadmium, Total	84	-	82-117	-	
Calcium, Total	98	-	81-118	-	
Chromium, Total	98	-	83-119	-	
Cobalt, Total	86	-	84-116	-	
Copper, Total	98	-	84-116	-	
Iron, Total	79	-	60-140	-	
Lead, Total	85	-	82-117	-	
Magnesium, Total	90	-	76-124	-	
Manganese, Total	98	-	82-118	-	
Nickel, Total	83	-	82-117	-	
Potassium, Total	75	-	69-131	-	
Selenium, Total	89	-	78-121	-	
Silver, Total	85	-	80-120	-	
Sodium, Total	79	-	74-126	-	
Thallium, Total	84	-	80-119	-	
Vanadium, Total	82	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1141144-2 SRM Lot Number: D098-540					
Zinc, Total	87	-	81-119	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1141243-2					
Mercury, TCLP	125	Q	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1139656-3 QC Sample: L1828448-02 Client ID: MS Sample												
Mercury, Total	ND	0.135	0.181	134	Q	-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1140562-3 QC Sample: L1828749-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.20	100		-	-		75-125	-		20
Barium, TCLP	0.214J	20	18.7	94		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.484	95		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.88	94		-	-		75-125	-		20
Copper, TCLP	ND	2.5	2.36	94		-	-		75-125	-		20
Lead, TCLP	0.086J	5.1	4.73	93		-	-		75-125	-		20
Nickel, TCLP	ND	5	4.47	89		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.22	102		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.459	92		-	-		75-125	-		20
Zinc, TCLP	0.324J	5	5.11	102		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1141144-3 WG1141144-4 QC Sample: L1828692-19 Client ID: MS Sample									
Aluminum, Total	3150	222	3970	369	Q	3930	353	Q	75-125 1 20
Antimony, Total	ND	55.6	54.5	98		53.6	97		75-125 2 20
Arsenic, Total	4.53	13.3	18.4	104		17.3	96		75-125 6 20
Barium, Total	96.9	222	342	110		302	93		75-125 12 20
Beryllium, Total	0.336J	5.56	5.80	104		5.66	102		75-125 2 20
Cadmium, Total	0.179J	5.67	5.84	103		5.69	101		75-125 3 20
Calcium, Total	1670	1110	3790	191	Q	2620	86		75-125 37 Q 20
Chromium, Total	6.52	22.2	29.6	104		28.8	101		75-125 3 20
Cobalt, Total	5.29	55.6	57.9	95		56.7	93		75-125 2 20
Copper, Total	24.5	27.8	61.4	133	Q	51.0	96		75-125 19 20
Iron, Total	3300	111	4860	1400	Q	3470	154	Q	75-125 33 Q 20
Lead, Total	87.5	56.7	138	89		120	58	Q	75-125 14 20
Magnesium, Total	134.	1110	1250	100		1180	95		75-125 6 20
Manganese, Total	98.7	55.6	172	132	Q	141	77		75-125 20 20
Nickel, Total	10.4	55.6	63.8	96		62.0	93		75-125 3 20
Potassium, Total	286.	1110	1340	95		1410	102		75-125 5 20
Selenium, Total	0.537J	13.3	13.2	99		13.1	99		75-125 1 20
Silver, Total	ND	33.3	33.1	99		32.4	98		75-125 2 20
Sodium, Total	110.J	1110	1220	110		1200	109		75-125 2 20
Thallium, Total	ND	13.3	11.8	88		11.7	88		75-125 1 20
Vanadium, Total	15.2	55.6	72.5	103		68.8	97		75-125 5 20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1141144-3 WG1141144-4 QC Sample: L1828692-19 Client ID: MS Sample										
Zinc, Total	66.4	55.6	150	150	Q	132	119	75-125	13	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1141243-3 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)										
Mercury, TCLP	0.0004J	0.025	0.0210	84	-	-	80-120	-	20	

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1139656-4 QC Sample: L1828448-02 Client ID: DUP Sample						
Mercury, Total	ND	0.015J	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1140562-4 QC Sample: L1828749-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.214J	0.218J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.086J	0.089J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1141243-4 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)						
Mercury, TCLP	0.0004J	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	07/27/18 01:00	1,1030	SB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

SAMPLE RESULTS

Lab ID: L1828684-01
Client ID: DL-63/66/62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 07/25/18 12:45
Date Received: 07/25/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	9.58		SU	-	NA	1	-	07/27/18 14:39	1,1311	SD
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/27/18 09:48	121,2540G	RI
Solids, Total Volatile	15		%	0.10	0.10	1	-	07/26/18 11:15	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	07/26/18 16:40	07/27/18 14:26	1,9010C/9012B	LH
pH (H)	9.3		SU	-	NA	1	-	07/26/18 03:45	1,9045D	MA
Oil & Grease, Hem-Grav	1780		mg/kg	233	233.	1	07/28/18 07:00	07/28/18 11:30	1,9071B	KZ
Chromium, Hexavalent	ND		mg/kg	0.931	0.186	1	07/29/18 13:04	07/30/18 20:10	1,7196A	RM
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/27/18 14:22	07/27/18 17:14	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/27/18 14:22	07/27/18 16:35	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1828684**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-02**Client ID:** DL-66-WC (0-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 07/25/18 12:40**Date Received:** 07/25/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/27/18 12:15	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18**SAMPLE RESULTS****Lab ID:** L1828684-03**Date Collected:** 07/25/18 12:45**Client ID:** ASTM LEACHATE OF DL-63/66/62-WC (0-5)**Date Received:** 07/25/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	440		mg/l	10	NA	1	-	07/30/18 15:10	121,2540B	DW
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	07/29/18 16:30	07/30/18 21:34	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	07/31/18 09:30	07/31/18 11:49	121,5220D	DW
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	07/30/18 17:30	07/30/18 18:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1828684**Project Number:** 2861.0001Y000**Report Date:** 08/01/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1139644-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	07/26/18 11:15	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1139883-1										
Cyanide, Total	ND		mg/kg	0.91	0.19	1	07/26/18 16:40	07/27/18 14:10	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1140337-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/27/18 14:22	07/27/18 16:29	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1140343-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/27/18 14:22	07/27/18 17:09	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1140496-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	07/28/18 07:00	07/28/18 11:30	1,9071B	KZ
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1140658-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	07/29/18 16:30	07/30/18 21:15	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1140761-1										
Solids, Total	ND		mg/l	10	NA	1	-	07/30/18 15:10	121,2540B	DW
TCLP pH Extraction Data - Westborough Lab for sample(s): 01 Batch: WG1140874-1										
pH, Extraction Post-Filtration	4.61		SU	-	NA	1	-	07/27/18 14:39	1,1311	SD
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1140919-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	07/29/18 13:04	07/30/18 20:10	1,7196A	RM
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1141027-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	07/30/18 17:30	07/30/18 18:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1141195-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	07/31/18 09:30	07/31/18 11:47	121,5220D	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1139639-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1139883-2 WG1139883-3								
Cyanide, Total	92		78	Q	80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1140337-2								
Sulfide, Reactive	102		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1140343-2								
Cyanide, Reactive	66		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1140496-2								
Oil & Grease, Hem-Grav	104		-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1140658-2								
Nitrogen, Ammonia	100		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1140761-2								
Solids, Total	91		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1140919-2					
Chromium, Hexavalent	80	-	80-120	-	20
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1141027-2					
Oil & Grease, Hem-Grav	92	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1141195-2					
Chemical Oxygen Demand	103	-	90-110	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1139883-4 WG1139883-5 QC Sample: L1828628-01 Client ID: MS Sample												
Cyanide, Total	ND	11	9.9	89		9.7	92		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140496-4 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)												
Oil & Grease, Hem-Grav	1780	4660	11200	202	Q	-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1140658-4 QC Sample: L1828981-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.061J	4	3.91	98		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140919-4 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)												
Chromium, Hexavalent	ND	1200	1110	93		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1141027-4 QC Sample: L1800007-198 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	40.8	36	88		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1141195-4 QC Sample: L1828270-04 Client ID: MS Sample												
Chemical Oxygen Demand	ND	238	260	109		-	-		84-120	-		12

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1828684

Report Date: 08/01/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1139639-2 QC Sample: L1828494-02 Client ID: DUP Sample						
pH	9.0	9.3	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1139644-2 QC Sample: L1828354-04 Client ID: DUP Sample						
Solids, Total Volatile	76.	76	%	0		11
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140207-1 QC Sample: L1828403-03 Client ID: DUP Sample						
Solids, Total	90.2	87.6	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1140280-1 QC Sample: L1828692-19 Client ID: DUP Sample						
Solids, Total	70.3	76.2	%	8		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140337-3 QC Sample: L1828496-06 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140343-3 QC Sample: L1828496-06 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140496-3 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)						
Oil & Grease, Hem-Grav	1780	1930	mg/kg	8		34
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1140658-3 QC Sample: L1828981-01 Client ID: DUP Sample						
Nitrogen, Ammonia	0.061J	0.060J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1140761-3 QC Sample: L1828996-06 Client ID: DUP Sample						
Solids, Total	110	90	mg/l	20	Q	16

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1140919-6 QC Sample: L1828684-01 Client ID: DL-63/66/62-WC (0-5)					
Chromium, Hexavalent	ND	ND	mg/kg	NC	20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1141027-3 QC Sample: L1800007-197 Client ID: DUP Sample					
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC	18
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1141195-3 QC Sample: L1828270-04 Client ID: DUP Sample					
Chemical Oxygen Demand	ND	ND	mg/l	NC	12

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No: 08011817:55
Lab Number: L1828684
Report Date: 08/01/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
C Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1828684-01A	Glass 60ml unpreserved split	C	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1828684-01B	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1828684-01C	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1828684-01W	Amber 1000ml unpreserved Extracts	C	NA		3.2	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1828684-01W9	Tumble Vessel	C	NA		3.2	Y	Absent		-
L1828684-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1828684-01X9	Tumble Vessel	C	NA		3.2	Y	Absent		-
L1828684-02A	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1828684-02B	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1828684-02C	5 gram Encore Sampler	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1828684-02D	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Absent		TS(7)
L1828684-02E	Vial Large Septa unpreserved (4oz)	C	NA		3.2	Y	Absent		TCLP-EXT-ZHE(14)
L1828684-02T	Vial unpreserved Extracts	C	NA		3.2	Y	Absent		TCLP-VOA(14)
L1828684-02U	Vial unpreserved Extracts	C	NA		3.2	Y	Absent		TCLP-VOA(14)
L1828684-02X	Vial MeOH preserved split	C	NA		3.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1828684-02Y	Vial Water preserved split	C	NA		3.2	Y	Absent	26-JUL-18 07:50	NYTCL-8260HLW(14)
L1828684-02Z	Vial Water preserved split	C	NA		3.2	Y	Absent	26-JUL-18 07:50	NYTCL-8260HLW(14)
L1828684-03A	Amber 1000ml unpreserved Extracts	C	NA		3.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1828684-03B	Amber 1000ml unpreserved Extracts	C	NA		3.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1828684-03C	Amber 1000ml unpreserved Extracts	C	NA		3.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1828684-03D	Amber 1000ml unpreserved Extracts	C	NA		3.2	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1828684-03E	Plastic 500ml H2SO4 preserved split	C	NA		3.2	Y	Absent		COD-5220(28),NH3-4500(28)
L1828684-03F	Amber 1000ml HCl preserved split	C	NA		3.2	Y	Absent		OG-1664(28)
L1828684-03G	Amber 1000ml HCl preserved split	C	NA		3.2	Y	Absent		OG-1664(28)
L1828684-03H	Plastic 500ml unpreserved split	C	NA		3.2	Y	Absent		TSC-2540(7)

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1828684
Report Date: 08/01/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPMA JOB# 1828061

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ANALYTICAL REPORT

Lab Number:	L1834570
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	09/10/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1834570-01	DL-63-WC (0-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:00	08/31/18
L1834570-02	DL-63-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 07:55	08/31/18
L1834570-03	DL-64/65-WC (0-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:30	08/31/18
L1834570-04	DL-64/65-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:25	08/31/18
L1834570-05	DL-66/67-WC (0-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:00	08/31/18
L1834570-06	DL-66/67-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:55	08/31/18
L1834570-07	DL-62-WC (0-5)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 11:20	08/31/18
L1834570-08	DL-62-WC (1-2)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 11:15	08/31/18
L1834570-09	ASTM LEACHATE OF DL-63- WC (0-5)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:00	08/31/18
L1834570-10	ASTM LEACHATE OF DL- 64/65-WC (0-5)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 08:30	08/31/18
L1834570-11	ASTM LEACHATE OF DL- 66/67-WC (0-5)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:00	08/31/18
L1834570-12	ASTM LEACHATE OF DL-62- WC (0-5)	LIQUID	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 11:20	08/31/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Petroleum Hydrocarbon Quantitation

The WG1153173 MS was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

The WG1153173-4 Laboratory Duplicate RPD for total petroleum hydrocarbons (C9-C44) (48%), performed on L1834570-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

NJ EPH (Total)

WG1153126-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Total Metals

L1834570-01, -03, -05 and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

The WG1152955-2/-3 LCS/LCSD recoveries (45%/65%), associated with L1834570-01, -03, -05 and -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1152955-2/-3 LCS/LCSD RPD (39%), associated with L1834570-01, -03, -05 and -07, is above the acceptance criteria.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Case Narrative (continued)

Hexavalent Chromium

The WG1153203-2 LCS recovery (72%), associated with L1834570-01, -03, -05 and -07, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Solids, Total Volatile

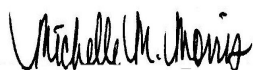
The WG1153226-2 Laboratory Duplicate RPD (44%), performed on L1834570-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Oil & Grease, Hem-Grav

WG1153495: A Matrix Spike and Laboratory Duplicate could not be performed due to insufficient sample volume available for analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 09/10/18

ORGANICS

VOLATILES

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-02
 Client ID: DL-63-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 07:55
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/05/18 22:47
 Analyst: MM
 Percent Solids: 90%
 TCLP/SPLP Ext. Date: 09/04/18 15:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-02
 Client ID: DL-63-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 07:55
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/04/18 20:47
 Analyst: JC
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.78		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-02**Date Collected:** 08/31/18 07:55**Client ID:** DL-63-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	38		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-02**Date Collected:** 08/31/18 07:55**Client ID:** DL-63-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	5.8	J	ug/kg	23	5.8	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Acrolein	ND		ug/kg	28	6.4	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	110	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Tentatively Identified Compounds

Total TIC Compounds	13.0	J	ug/kg	1
Unknown	2.37	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.98	NJ	ug/kg	1
Unknown Alkane	2.38	J	ug/kg	1
Unknown	2.65	J	ug/kg	1
Unknown	2.63	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-04
 Client ID: DL-64/65-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:25
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/05/18 23:18
 Analyst: MM
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 09/04/18 15:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-04
 Client ID: DL-64/65-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:25
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/04/18 21:13
 Analyst: JC
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	3.7	J	ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	0.35	J	ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-04
 Client ID: DL-64/65-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:25
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	36		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-04**Date Collected:** 08/31/18 08:25**Client ID:** DL-64/65-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	7.6	J	ug/kg	24	6.3	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Acrolein	ND		ug/kg	31	6.9	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Tentatively Identified Compounds

Total TIC Compounds	16.4	J	ug/kg	1
Unknown Alkane	3.54	J	ug/kg	1
Unknown	4.13	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	3.29	NJ	ug/kg	1
Ethane, 1,1-Difluoro-	2.82	NJ	ug/kg	1
Unknown	2.62	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-06
 Client ID: DL-66/67-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:55
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/05/18 23:48
 Analyst: MM
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 09/04/18 15:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	104		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-06
 Client ID: DL-66/67-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:55
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/04/18 21:38
 Analyst: JC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-06**Date Collected:** 08/31/18 08:55**Client ID:** DL-66/67-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-06**Date Collected:** 08/31/18 08:55**Client ID:** DL-66/67-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	22	5.6	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Acrolein	ND		ug/kg	27	6.1	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Tentatively Identified Compounds

Total TIC Compounds	7.32	J	ug/kg	1
Unknown	2.28	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.23	NJ	ug/kg	1
Unknown Alkane	2.81	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	92		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-08
 Client ID: DL-62-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:15
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/06/18 00:19
 Analyst: MM
 Percent Solids: 91%
 TCLP/SPLP Ext. Date: 09/04/18 15:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
dibromofluoromethane	101		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-08
 Client ID: DL-62-WC (1-2)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:15
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 09/04/18 22:03
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	2.4	J	ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-08**Date Collected:** 08/31/18 11:15**Client ID:** DL-62-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-08**Date Collected:** 08/31/18 11:15**Client ID:** DL-62-WC (1-2)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Tert-Butyl Alcohol	6.3	J	ug/kg	20	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.1	0.96	1
Acrolein	ND		ug/kg	25	5.7	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	100	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Tentatively Identified Compounds

Total TIC Compounds	7.57	J	ug/kg	1
Unknown	2.24	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.22	NJ	ug/kg	1
Silanol, Trimethyl-	3.11	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/04/18 16:07
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1153740-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.96	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/04/18 16:07
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1153740-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.24	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/04/18 16:07
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1153740-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8260C
Analytical Date: 09/04/18 16:07
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1153740-5					

Tentatively Identified Compounds

Total TIC Compounds	7.08	J	ug/kg
Unknown	2.25	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.83	NJ	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	87		70-130

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C

Analytical Date: 09/05/18 18:43

Analyst: MKS

TCLP/SPLP Extraction Date: 09/04/18 15:24

Extraction Date: 09/04/18 15:24

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02,04,06,08 Batch: WG1153995-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
dibromofluoromethane	105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1153740-3 WG1153740-4								
Methylene chloride	102		101		70-130	1		30
1,1-Dichloroethane	109		110		70-130	1		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	85		86		70-130	1		30
1,2-Dichloropropane	112		113		70-130	1		30
Dibromochloromethane	95		97		70-130	2		30
1,1,2-Trichloroethane	109		111		70-130	2		30
Tetrachloroethene	91		91		70-130	0		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	80		81		70-139	1		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	92		91		70-130	1		30
Bromodichloromethane	94		94		70-130	0		30
trans-1,3-Dichloropropene	108		110		70-130	2		30
cis-1,3-Dichloropropene	100		102		70-130	2		30
1,1-Dichloropropene	100		99		70-130	1		30
Bromoform	95		99		70-130	4		30
1,1,2,2-Tetrachloroethane	115		119		70-130	3		30
Benzene	100		100		70-130	0		30
Toluene	103		104		70-130	1		30
Ethylbenzene	104		104		70-130	0		30
Chloromethane	110		111		52-130	1		30
Bromomethane	100		100		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1153740-3 WG1153740-4								
Vinyl chloride	93		93		67-130	0		30
Chloroethane	85		86		50-151	1		30
1,1-Dichloroethene	93		93		65-135	0		30
trans-1,2-Dichloroethene	94		95		70-130	1		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	99		101		70-130	2		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	101		101		70-130	0		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	99		100		70-130	1		30
cis-1,2-Dichloroethene	96		95		70-130	1		30
Dibromomethane	93		94		70-130	1		30
Styrene	101		102		70-130	1		30
Dichlorodifluoromethane	69		69		30-146	0		30
Acetone	109		113		54-140	4		30
Carbon disulfide	94		93		59-130	1		30
2-Butanone	118		120		70-130	2		30
Vinyl acetate	121		123		70-130	2		30
4-Methyl-2-pentanone	121		124		70-130	2		30
1,2,3-Trichloropropane	115		119		68-130	3		30
2-Hexanone	117		121		70-130	3		30
Bromochloromethane	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1153740-3 WG1153740-4								
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	98		99		70-130	1		30
1,3-Dichloropropane	111		114		69-130	3		30
1,1,1,2-Tetrachloroethane	95		95		70-130	0		30
Bromobenzene	101		102		70-130	1		30
n-Butylbenzene	113		113		70-130	0		30
sec-Butylbenzene	109		109		70-130	0		30
tert-Butylbenzene	105		105		70-130	0		30
o-Chlorotoluene	128		128		70-130	0		30
p-Chlorotoluene	113		113		70-130	0		30
1,2-Dibromo-3-chloropropane	89		92		68-130	3		30
Hexachlorobutadiene	92		93		67-130	1		30
Isopropylbenzene	110		110		70-130	0		30
p-Isopropyltoluene	105		105		70-130	0		30
Naphthalene	97		100		70-130	3		30
Acrylonitrile	118		122		70-130	3		30
Tert-Butyl Alcohol	93		100		70-130	7		30
n-Propylbenzene	115		116		70-130	1		30
1,2,3-Trichlorobenzene	95		98		70-130	3		30
1,2,4-Trichlorobenzene	95		98		70-130	3		30
1,3,5-Trimethylbenzene	109		109		70-130	0		30
1,2,4-Trimethylbenzene	107		108		70-130	1		30
Methyl Acetate	116		121		51-146	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1153740-3 WG1153740-4								
Acrolein	103		107		70-130	4		30
Cyclohexane	112		111		59-142	1		30
1,4-Dioxane	93		104		65-136	11		30
Freon-113	90		88		50-139	2		30
p-Diethylbenzene	100		100		70-130	0		30
p-Ethyltoluene	107		106		70-130	1		30
1,2,4,5-Tetramethylbenzene	98		99		70-130	1		30
Ethyl ether	99		102		67-130	3		30
trans-1,4-Dichloro-2-butene	118		122		70-130	3		30
Methyl cyclohexane	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	109		110		70-130
4-Bromofluorobenzene	113		114		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG1153995-3 WG1153995-4								
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	95		94		70-130	1		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	120		120		70-130	0		20
Benzene	110		110		70-130	0		25
Vinyl chloride	120		120		55-140	0		20
1,1-Dichloroethene	110		110		61-145	0		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	96		96		70-130	0		20
2-Butanone	140	Q	140	Q	63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	94		95		70-130
dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/18 01:08
Analyst: EK
Percent Solids: 88%
TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
Extraction Date: 09/05/18 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	49		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01
 Client ID: DL-63-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/06/18 14:39
 Analyst: JG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	1300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	35	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-01**Date Collected:** 08/31/18 08:00**Client ID:** DL-63-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	740		ug/kg	110	21.	1
Benzo(a)pyrene	680		ug/kg	150	46.	1
Benzo(b)fluoranthene	940		ug/kg	110	32.	1
Benzo(k)fluoranthene	290		ug/kg	110	30.	1
Chrysene	690		ug/kg	110	20.	1
Acenaphthylene	180		ug/kg	150	29.	1
Anthracene	170		ug/kg	110	37.	1
Benzo(ghi)perylene	440		ug/kg	150	22.	1
Fluorene	36	J	ug/kg	190	18.	1
Phenanthrene	660		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	96	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	480		ug/kg	150	26.	1
Pyrene	1100		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	28	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-01**Date Collected:** 08/31/18 08:00**Client ID:** DL-63-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	74	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Tentatively Identified Compounds

Total TIC Compounds	1740	J	ug/kg	1
Unknown	194	J	ug/kg	1
Unknown Ketone	183	J	ug/kg	1
Unknown	578	J	ug/kg	1
Unknown	156	J	ug/kg	1
Unknown	434	J	ug/kg	1
Unknown PAH	195	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	78		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03
 Client ID: DL-64/65-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/18 01:33
 Analyst: EK
 Percent Solids: 88%
 TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
 Extraction Date: 09/05/18 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	74		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03
 Client ID: DL-64/65-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/06/18 14:14
 Analyst: JG
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	760		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	26	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03
 Client ID: DL-64/65-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	410		ug/kg	110	21.	1
Benzo(a)pyrene	390		ug/kg	150	45.	1
Benzo(b)fluoranthene	520		ug/kg	110	31.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1
Chrysene	390		ug/kg	110	19.	1
Acenaphthylene	64	J	ug/kg	150	29.	1
Anthracene	84	J	ug/kg	110	36.	1
Benzo(ghi)perylene	270		ug/kg	150	22.	1
Fluorene	22	J	ug/kg	190	18.	1
Phenanthrene	390		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	26.	1
Pyrene	750		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	37	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Tentatively Identified Compounds

Total TIC Compounds	1660	J	ug/kg	1
Unknown	766	J	ug/kg	1
Unknown	893	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	67		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/18 01:58
 Analyst: EK
 Percent Solids: 89%
 TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
 Extraction Date: 09/05/18 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	63		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/06/18 15:30
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	12000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	750		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	5800		ug/kg	110	21.	1
Benzo(a)pyrene	4700		ug/kg	150	45.	1
Benzo(b)fluoranthene	6100		ug/kg	110	31.	1
Benzo(k)fluoranthene	2200		ug/kg	110	30.	1
Chrysene	5500		ug/kg	110	19.	1
Acenaphthylene	360		ug/kg	150	29.	1
Anthracene	2500		ug/kg	110	36.	1
Benzo(ghi)perylene	2700		ug/kg	150	22.	1
Fluorene	1200		ug/kg	180	18.	1
Phenanthrene	12000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	720		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	150	26.	1
Pyrene	10000	E	ug/kg	110	18.	1
Biphenyl	150	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	840		ug/kg	180	18.	1
2-Methylnaphthalene	640		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	37	J	ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-05**Date Collected:** 08/31/18 09:00**Client ID:** DL-66/67-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	1300		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05

Date Collected: 08/31/18 09:00

Client ID: DL-66/67-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	28800	J	ug/kg			1
Unknown Thiophene	762	J	ug/kg			1
Unknown PAH	2630	J	ug/kg			1
Unknown	543	J	ug/kg			1
Unknown PAH	1240	J	ug/kg			1
Unknown Thiophene	1570	J	ug/kg			1
Unknown Naphthalene	651	J	ug/kg			1
Unknown PAH	2070	J	ug/kg			1
Unknown	2790	J	ug/kg			1
Unknown Ketone	709	J	ug/kg			1
Unknown PAH	853	J	ug/kg			1
Unknown Thiophene	549	J	ug/kg			1
Unknown PAH	590	J	ug/kg			1
Unknown PAH	1630	J	ug/kg			1
Unknown Ketone	1360	J	ug/kg			1
Unknown	2950	J	ug/kg			1
Unknown PAH	828	J	ug/kg			1
Unknown PAH	1380	J	ug/kg			1
Unknown PAH	3640	J	ug/kg			1
Unknown Ketone	557	J	ug/kg			1
Unknown PAH	1460	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-05**Date Collected:** 08/31/18 09:00**Client ID:** DL-66/67-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	89		18-120

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05 D
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/18 13:00
 Analyst: RC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	14000		ug/kg	220	42.	2
Phenanthrene	15000		ug/kg	220	45.	2
Pyrene	12000		ug/kg	220	37.	2

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07
 Client ID: DL-62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/18 02:23
 Analyst: EK
 Percent Solids: 87%
 TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
 Extraction Date: 09/05/18 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	70		33-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07
 Client ID: DL-62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/06/18 15:04
 Analyst: JG
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	4300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	110	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07
 Client ID: DL-62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2300		ug/kg	110	21.	1
Benzo(a)pyrene	2100		ug/kg	150	46.	1
Benzo(b)fluoranthene	2800		ug/kg	110	32.	1
Benzo(k)fluoranthene	980		ug/kg	110	30.	1
Chrysene	2200		ug/kg	110	20.	1
Acenaphthylene	380		ug/kg	150	29.	1
Anthracene	840		ug/kg	110	37.	1
Benzo(ghi)perylene	1400		ug/kg	150	22.	1
Fluorene	250		ug/kg	190	18.	1
Phenanthrene	2900		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	330		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	26.	1
Pyrene	3600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	66	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-07**Date Collected:** 08/31/18 11:20**Client ID:** DL-62-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	300		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07

Date Collected: 08/31/18 11:20

Client ID: DL-62-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	7030	J	ug/kg			1
Unknown Thiophene	300	J	ug/kg			1
Unknown PAH	302	J	ug/kg			1
Unknown PAH	304	J	ug/kg			1
Unknown PAH	599	J	ug/kg			1
Unknown PAH	1040	J	ug/kg			1
Unknown	422	J	ug/kg			1
Unknown PAH	272	J	ug/kg			1
Unknown Ketone	160	J	ug/kg			1
Unknown PAH	176	J	ug/kg			1
Unknown PAH	326	J	ug/kg			1
Unknown PAH	368	J	ug/kg			1
Unknown PAH	175	J	ug/kg			1
Unknown PAH	654	J	ug/kg			1
Unknown	223	J	ug/kg			1
Unknown Ketone	214	J	ug/kg			1
Unknown PAH	496	J	ug/kg			1
Unknown PAH	190	J	ug/kg			1
Unknown PAH	482	J	ug/kg			1
Unknown Ketone	154	J	ug/kg			1
Unknown Thiophene	170	J	ug/kg			1

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07

Date Collected: 08/31/18 11:20

Client ID: DL-62-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	72		18-120

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/06/18 10:43
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153143-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/06/18 10:43
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153143-1					
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/06/18 10:43
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153143-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D
Analytical Date: 09/06/18 10:43
Analyst: JGExtraction Method: EPA 3546
Extraction Date: 09/03/18 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153143-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	85		18-120

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/06/18 22:37
 Analyst: EK
 TCLP/SPLP Extraction Date: 09/02/18 19:48

Extraction Method: EPA 3510C
 Extraction Date: 09/05/18 00:07

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153554-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	58		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153143-2 WG1153143-3								
Acenaphthene	77		61		31-137	23		50
Benzidine	32		32		10-66	0		50
1,2,4-Trichlorobenzene	77		62		38-107	22		50
Hexachlorobenzene	76		62		40-140	20		50
Bis(2-chloroethyl)ether	76		59		40-140	25		50
2-Chloronaphthalene	79		63		40-140	23		50
3,3'-Dichlorobenzidine	56		47		40-140	17		50
2,4-Dinitrotoluene	78		63		40-132	21		50
2,6-Dinitrotoluene	81		66		40-140	20		50
Azobenzene	78		63		40-140	21		50
Fluoranthene	78		65		40-140	18		50
4-Chlorophenyl phenyl ether	77		63		40-140	20		50
4-Bromophenyl phenyl ether	78		62		40-140	23		50
Bis(2-chloroisopropyl)ether	94		74		40-140	24		50
Bis(2-chloroethoxy)methane	77		62		40-117	22		50
Hexachlorobutadiene	79		60		40-140	27		50
Hexachlorocyclopentadiene	76		57		40-140	29		50
Hexachloroethane	73		57		40-140	25		50
Isophorone	78		64		40-140	20		50
Naphthalene	76		59		40-140	25		50
Nitrobenzene	72		57		40-140	23		50
NDPA/DPA	77		63		36-157	20		50
n-Nitrosodi-n-propylamine	77		63		32-121	20		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153143-2 WG1153143-3								
Bis(2-ethylhexyl)phthalate	85		71		40-140	18		50
Butyl benzyl phthalate	82		68		40-140	19		50
Di-n-butylphthalate	82		68		40-140	19		50
Di-n-octylphthalate	88		73		40-140	19		50
Diethyl phthalate	79		64		40-140	21		50
Dimethyl phthalate	80		66		40-140	19		50
Benzo(a)anthracene	74		61		40-140	19		50
Benzo(a)pyrene	79		63		40-140	23		50
Benzo(b)fluoranthene	76		60		40-140	24		50
Benzo(k)fluoranthene	79		67		40-140	16		50
Chrysene	80		64		40-140	22		50
Acenaphthylene	81		66		40-140	20		50
Anthracene	78		65		40-140	18		50
Benzo(ghi)perylene	78		63		40-140	21		50
Fluorene	77		62		40-140	22		50
Phenanthrene	77		62		40-140	22		50
Dibenzo(a,h)anthracene	79		64		40-140	21		50
Indeno(1,2,3-cd)pyrene	75		59		40-140	24		50
Pyrene	78		64		35-142	20		50
Biphenyl	80		66		54-104	19		50
4-Chloroaniline	67		59		40-140	13		50
2-Nitroaniline	79		65		47-134	19		50
3-Nitroaniline	64		54		26-129	17		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153143-2 WG1153143-3								
4-Nitroaniline	67		54		41-125	21		50
Dibenzofuran	77		62		40-140	22		50
2-Methylnaphthalene	78		62		40-140	23		50
1,2,4,5-Tetrachlorobenzene	80		65		40-117	21		50
Acetophenone	75		60		14-144	22		50
n-Nitrosodimethylamine	69		53		22-100	26		50
2,4,6-Trichlorophenol	81		66		30-130	20		50
p-Chloro-m-cresol	78		62		26-103	23		50
2-Chlorophenol	76		61		25-102	22		50
2,4-Dichlorophenol	80		64		30-130	22		50
2,4-Dimethylphenol	77		64		30-130	18		50
2-Nitrophenol	76		62		30-130	20		50
4-Nitrophenol	84		67		11-114	23		50
2,4-Dinitrophenol	54		44		4-130	20		50
4,6-Dinitro-o-cresol	78		62		10-130	23		50
Pentachlorophenol	69		56		17-109	21		50
Phenol	76		61		26-90	22		50
2-Methylphenol	77		63		30-130	20		50
3-Methylphenol/4-Methylphenol	71		58		30-130	20		50
2,4,5-Trichlorophenol	80		66		30-130	19		50
Benzoic Acid	42		39		10-110	7		50
Benzyl Alcohol	77		61		40-140	23		50
Carbazole	76		62		54-128	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834570

Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153143-2 WG1153143-3								
Atrazine	70		57		40-140	20		50
Benzaldehyde	62		47		40-140	28		50
Caprolactam	111		93		15-130	18		50
2,3,4,6-Tetrachlorophenol	84		66		40-140	24		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		54		25-120
Phenol-d6	74		57		10-120
Nitrobenzene-d5	71		54		23-120
2-Fluorobiphenyl	77		60		30-120
2,4,6-Tribromophenol	71		54		10-136
4-Terphenyl-d14	81		64		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153554-2 WG1153554-3								
Hexachlorobenzene	54		62		40-140	14		30
2,4-Dinitrotoluene	56		62		40-132	10		30
Hexachlorobutadiene	48		52		28-111	8		30
Hexachloroethane	44		48		21-105	9		30
Nitrobenzene	52		56		40-140	7		30
2,4,6-Trichlorophenol	58		63		30-130	8		30
Pentachlorophenol	50		57		9-103	13		30
2-Methylphenol	55		60		30-130	9		30
3-Methylphenol/4-Methylphenol	51		56		30-130	9		30
2,4,5-Trichlorophenol	58		65		30-130	11		30
Pyridine	37		50		10-66	30		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		56		21-120
Phenol-d6	51		57		10-120
Nitrobenzene-d5	52		58		23-120
2-Fluorobiphenyl	56		62		15-120
2,4,6-Tribromophenol	53		60		10-120
4-Terphenyl-d14	61		70		33-120

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/05/18 21:40
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/02/18 21:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	39.7		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	85		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01 D
 Client ID: DL-63-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 09/07/18 09:24
 Analyst: MEO
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 10:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	457.		mg/kg	74.5	7.46	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	84			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/07/18 11:33
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/03/18 10:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	77.8		mg/kg	37.6	3.76	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	88			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/05/18 22:10
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/02/18 21:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	56.0		mg/kg	26.8	26.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	91			40-140		
o-Terphenyl	91			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/05/18 22:40
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/02/18 21:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	220		mg/kg	26.6	26.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	97		40-140
o-Terphenyl	87		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05 D
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/07/18 10:28
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/03/18 10:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	417.		mg/kg	73.9	7.41	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	86			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/05/18 23:10
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/02/18 21:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	96.0		mg/kg	26.0	26.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	90			40-140		
o-Terphenyl	89			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07 D
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/07/18 11:00
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/03/18 10:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	212.		mg/kg	72.9	7.30	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	92			40-140		

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH

Extraction Method: EPA 3546

Analytical Date: 09/05/18 14:13

Extraction Date: 09/02/18 21:01

Analyst: MEO

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153126-1					
Total EPH	ND		mg/kg	23.2	23.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	63		40-140
o-Terphenyl	64		40-140

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8015D(M)
Analytical Date: 09/07/18 08:51
Analyst: MEOExtraction Method: EPA 3546
Extraction Date: 09/03/18 10:05

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153173-1					
DROD (C9-C44)	3.56	J	mg/kg	32.7	3.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834570

Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153126-2 WG1153126-3								
Total EPH	110		121		40-140	10		25
Nonane (C9)	55		78		40-140	35	Q	25
Decane (C10)	59		85		40-140	36	Q	25
Dodecane (C12)	60		84		40-140	33	Q	25
Tetradecane (C14)	61		85		40-140	33	Q	25
Hexadecane (C16)	64		90		40-140	34	Q	25
Octadecane (C18)	73		94		40-140	25		25
Eicosane (C20)	72		94		40-140	27	Q	25
Heneicosane (C21)	71		94		40-140	28	Q	25
Docosane (C22)	74		94		40-140	24		25
Tetracosane (C24)	80		95		40-140	17		25
Hexacosane (C26)	75		96		40-140	25		25
Octacosane (C28)	80		95		40-140	17		25
triacontane (C30)	83		94		40-140	12		25
Dotriacontane (C32)	84		96		40-140	13		25
Tetratriacontane (C34)	82		97		40-140	17		25
Hexatriacontane (C36)	78		104		40-140	29	Q	25
Octatriacontane (C38)	71		106		40-140	40	Q	25
Tetracontane (C40)	71		108		40-140	41	Q	25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153126-2 WG1153126-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	66		83		40-140
o-Terphenyl	64		86		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153173-2								
Total Petroleum Hydrocarbons (C9-C44)	98		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	90				40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: MS Sample												
				Associated sample(s): 01,03,05,07				QC Batch ID: WG1153126-4		QC Sample: L1834479-03		
Total EPH	109	247	386	112		-	-		40-140	-		50
Nonane (C9)	ND	6.87	3.30	48		-	-		40-140	-		50
Decane (C10)	ND	6.87	3.90	57		-	-		40-140	-		50
Dodecane (C12)	ND	6.87	4.11	60		-	-		40-140	-		50
Tetradecane (C14)	ND	6.87	4.28	62		-	-		40-140	-		50
Hexadecane (C16)	ND	6.87	4.66	68		-	-		40-140	-		50
Octadecane (C18)	ND	6.87	4.96	72		-	-		40-140	-		50
Eicosane (C20)	ND	6.87	4.75	69		-	-		40-140	-		50
Heneicosane (C21)	ND	6.87	5.47	80		-	-		40-140	-		50
Docosane (C22)	ND	6.87	5.44	79		-	-		40-140	-		50
Tetracosane (C24)	ND	6.87	5.85	85		-	-		40-140	-		50
Hexacosane (C26)	ND	6.87	4.84	70		-	-		40-140	-		50
Octacosane (C28)	ND	6.87	5.11	74		-	-		40-140	-		50
triacontane (C30)	ND	6.87	4.54	66		-	-		40-140	-		50
Dotriacontane (C32)	ND	6.87	4.91	71		-	-		40-140	-		50
Tetratriacontane (C34)	ND	6.87	5.15	75		-	-		40-140	-		50
Hexatriacontane (C36)	ND	6.87	7.17	104		-	-		40-140	-		50
Octatriacontane (C38)	ND	6.87	4.74	69		-	-		40-140	-		50
Tetracontane (C40)	ND	6.87	4.51	66		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	73				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153126-4 QC Sample: L1834479-03
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	62				40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153126-5 QC Sample: L1834479-04 Client ID: DUP Sample						
Total EPH	104	193	mg/kg	60	Q	50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	92		88		40-140
o-Terphenyl	90		77		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153173-4 QC Sample: L1834570-01 Client ID: DL-63-WC (0-5)

DROD (C9-C44)	457	279	mg/kg	48	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		86		40-140

PCBS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/05/18 13:39
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/03/18 03:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 09/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.72	1	B
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03
 Client ID: DL-64/65-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/05/18 13:51
 Analyst: WR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 03:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/03/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.79	1	A
Aroclor 1242	ND		ug/kg	36.7	4.95	1	A
Aroclor 1248	ND		ug/kg	36.7	5.51	1	A
Aroclor 1254	ND		ug/kg	36.7	4.02	1	A
Aroclor 1260	ND		ug/kg	36.7	6.79	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	3.96	J	ug/kg	36.7	3.80	1	B
PCBs, Total	3.96	J	ug/kg	36.7	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/05/18 14:04
 Analyst: WR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 03:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/03/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	ND		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.66	1	A
Aroclor 1262	ND		ug/kg	36.0	4.58	1	A
Aroclor 1268	10.9	J	ug/kg	36.0	3.73	1	A
PCBs, Total	10.9	J	ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/05/18 14:16
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/03/18 03:54
Cleanup Method: EPA 3665A
Cleanup Date: 09/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 09/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.38	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.06	1	A
Aroclor 1242	ND		ug/kg	38.0	5.13	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.03	1	A
Aroclor 1262	ND		ug/kg	38.0	4.83	1	A
Aroclor 1268	8.26	J	ug/kg	38.0	3.94	1	B
PCBs, Total	8.26	J	ug/kg	38.0	3.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/05/18 12:50
 Analyst: AWS

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 03:54
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/03/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153146-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.73	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.76	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.03	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153146-2 WG1153146-3									
Aroclor 1016	80		78		40-140	3		50	A
Aroclor 1260	68		68		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	A
Decachlorobiphenyl	57		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	B
Decachlorobiphenyl	63		61		30-150	B

PESTICIDES

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/05/18 19:28
Analyst: JW
Percent Solids: 88%
TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
Extraction Date: 09/05/18 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	135		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01
 Client ID: DL-63-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 09/06/18 14:48
 Analyst: JW
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	0.593	J	ug/kg	1.13	0.564	1	B
4,4'-DDE	2.03	P	ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.644	1	A
4,4'-DDT	9.14		ug/kg	3.39	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.48	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	14.7	5.98	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01

Date Collected: 08/31/18 08:00

Client ID: DL-63-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/06/18 05:54
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 09/02/18 19:48
Methylation Date: 09/04/18 21:53

Extraction Method: EPA 8151A
Extraction Date: 09/04/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	68		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/05/18 19:41
Analyst: JW
Percent Solids: 88%
TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
Extraction Date: 09/05/18 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03
 Client ID: DL-64/65-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 09/06/18 15:01
 Analyst: JW
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.654	1	A
Heptachlor	ND		ug/kg	0.863	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.971	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.73	0.444	1	A
Dieldrin	0.757	J	ug/kg	1.08	0.539	1	B
4,4'-DDE	2.11		ug/kg	1.73	0.399	1	B
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	7.25		ug/kg	3.24	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.0	5.72	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-03**Date Collected:** 08/31/18 08:30**Client ID:** DL-64/65-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/06/18 06:14
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 09/02/18 19:48
Methylation Date: 09/04/18 21:53

Extraction Method: EPA 8151A
Extraction Date: 09/04/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	52		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/05/18 19:54
Analyst: JW
Percent Solids: 89%
TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
Extraction Date: 09/05/18 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	133		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	115		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05
 Client ID: DL-66/67-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 09/06/18 15:13
 Analyst: JW
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.851	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	0.590	JPI	ug/kg	1.06	0.532	1	A
4,4'-DDE	10.1		ug/kg	1.70	0.394	1	B
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	28.7		ug/kg	3.19	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.993	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	13.8	5.64	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-05**Date Collected:** 08/31/18 09:00**Client ID:** DL-66/67-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	122		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/06/18 06:34
Analyst: SL
Percent Solids: 89%
TCLP/SPLP Ext. Date: 09/02/18 19:48
Methylation Date: 09/04/18 21:53

Extraction Method: EPA 8151A
Extraction Date: 09/04/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	65		30-150	B

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/05/18 20:06
Analyst: JW
Percent Solids: 87%
TCLP/SPLP Ext. Date: 09/02/18 19:48

Extraction Method: EPA 3510C
Extraction Date: 09/05/18 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07
 Client ID: DL-62-WC (0-5)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
 Date Received: 08/31/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 09/06/18 15:26
 Analyst: JW
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.00	1	A

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-07**Date Collected:** 08/31/18 11:20**Client ID:** DL-62-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/06/18 06:54
Analyst: SL
Percent Solids: 87%
TCLP/SPLP Ext. Date: 09/02/18 19:48
Methylation Date: 09/04/18 21:53

Extraction Method: EPA 8151A
Extraction Date: 09/04/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	52		30-150	B

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/06/18 14:10
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153148-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.657	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	2.96	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	12.8	5.23	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/06/18 14:10
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 09/03/18 05:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153148-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 09/06/18 04:54
 Analyst: SL
 TCLP/SPLP Extraction Date: 09/02/18 19:48
 Methylation Date: 09/04/18 21:53

Extraction Method: EPA 8151A
 Extraction Date: 09/04/18 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153279-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	72		30-150	B

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 09/05/18 18:50
 Analyst: JW
 TCLP/SPLP Extraction Date: 09/02/18 19:48

Extraction Method: EPA 3510C
 Extraction Date: 09/05/18 00:09

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153555-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834570

Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153148-2 WG1153148-3									
Delta-BHC	83		101		30-150	20		30	A
Lindane	78		96		30-150	21		30	A
Alpha-BHC	76		93		30-150	20		30	A
Beta-BHC	81		105		30-150	26		30	A
Heptachlor	85		102		30-150	18		30	A
Aldrin	81		101		30-150	22		30	A
Heptachlor epoxide	88		110		30-150	22		30	A
Endrin	95		112		30-150	16		30	A
Endrin aldehyde	76		90		30-150	17		30	A
Endrin ketone	100		119		30-150	17		30	A
Dieldrin	97		121		30-150	22		30	A
4,4'-DDE	83		103		30-150	22		30	A
4,4'-DDD	88		107		30-150	19		30	A
4,4'-DDT	92		110		30-150	18		30	A
Endosulfan I	83		102		30-150	21		30	A
Endosulfan II	88		107		30-150	19		30	A
Endosulfan sulfate	80		94		30-150	16		30	A
Methoxychlor	99		118		30-150	18		30	A
cis-Chlordane	73		90		30-150	21		30	A
trans-Chlordane	58		74		30-150	24		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834570

Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153148-2 WG1153148-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	B
Decachlorobiphenyl	94		102		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		94		30-150	A
Decachlorobiphenyl	90		114		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153279-2 WG1153279-3									
2,4-D	136		136		30-150	0		25	A
2,4,5-TP (Silvex)	56		61		30-150	9		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	75		88		30-150	A
DCAA	57		63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153555-2 WG1153555-3									
Lindane	126		130		30-150	3		20	A
Heptachlor	124		124		30-150	0		20	A
Heptachlor epoxide	127		128		30-150	1		20	A
Endrin	128		130		30-150	2		20	A
Methoxychlor	133		135		30-150	1		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	132		135		30-150	A
Decachlorobiphenyl	116		128		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		118		30-150	B
Decachlorobiphenyl	93		104		30-150	B

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01

Date Collected: 08/31/18 08:00

Client ID: DL-63-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Barium, TCLP	0.394	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Copper, TCLP	ND		mg/l	0.200	0.022	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Lead, TCLP	0.047	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	09/05/18 10:52	09/06/18 01:58	EPA 7470A	1,7470A	EA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE
Zinc, TCLP	0.081	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 12:44	EPA 3015	1,6010D	PE



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-01

Date Collected: 08/31/18 08:00

Client ID: DL-63-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8220		mg/kg	8.90	2.40	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Antimony, Total	1.24	J	mg/kg	4.45	0.338	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Arsenic, Total	4.86		mg/kg	0.890	0.185	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Barium, Total	74.2		mg/kg	0.890	0.155	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Beryllium, Total	0.356	J	mg/kg	0.445	0.029	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.890	0.087	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Calcium, Total	3960		mg/kg	8.90	3.11	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Chromium, Total	15.9		mg/kg	0.890	0.085	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Cobalt, Total	5.32		mg/kg	1.78	0.148	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Copper, Total	29.7		mg/kg	0.890	0.230	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Iron, Total	15100		mg/kg	4.45	0.803	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Lead, Total	85.9		mg/kg	4.45	0.238	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Magnesium, Total	3630		mg/kg	8.90	1.37	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Manganese, Total	236		mg/kg	0.890	0.141	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Mercury, Total	0.087		mg/kg	0.071	0.015	1	09/06/18 10:30	09/06/18 20:32	EPA 7471B	1,7471B	MG
Nickel, Total	16.1		mg/kg	2.22	0.215	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Potassium, Total	1400		mg/kg	222	12.8	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Selenium, Total	0.276	J	mg/kg	1.78	0.230	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.890	0.252	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Sodium, Total	124	J	mg/kg	178	2.80	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.78	0.280	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Vanadium, Total	21.9		mg/kg	0.890	0.180	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB
Zinc, Total	77.7		mg/kg	4.45	0.261	2	09/06/18 15:40	09/06/18 23:48	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.91	0.91	1		09/06/18 23:48	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03

Date Collected: 08/31/18 08:30

Client ID: DL-64/65-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Barium, TCLP	0.196	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Lead, TCLP	0.939		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	09/05/18 10:52	09/06/18 02:00	EPA 7470A	1,7470A	EA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB
Zinc, TCLP	0.205	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:40	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-03

Date Collected: 08/31/18 08:30

Client ID: DL-64/65-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7840		mg/kg	8.74	2.36	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Antimony, Total	1.04	J	mg/kg	4.37	0.332	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Arsenic, Total	5.51		mg/kg	0.874	0.182	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Barium, Total	147		mg/kg	0.874	0.152	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Beryllium, Total	0.358	J	mg/kg	0.437	0.029	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.874	0.086	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Calcium, Total	4080		mg/kg	8.74	3.06	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Chromium, Total	15.7		mg/kg	0.874	0.084	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Cobalt, Total	4.53		mg/kg	1.75	0.145	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Copper, Total	29.0		mg/kg	0.874	0.226	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Iron, Total	13200		mg/kg	4.37	0.789	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Lead, Total	153		mg/kg	4.37	0.234	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Magnesium, Total	1970		mg/kg	8.74	1.35	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Manganese, Total	213		mg/kg	0.874	0.139	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Mercury, Total	0.146		mg/kg	0.072	0.015	1	09/06/18 10:30	09/06/18 20:34	EPA 7471B	1,7471B	MG
Nickel, Total	16.8		mg/kg	2.18	0.212	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Potassium, Total	515		mg/kg	218	12.6	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.75	0.226	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.874	0.247	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Sodium, Total	79.9	J	mg/kg	175	2.75	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.75	0.275	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Vanadium, Total	22.1		mg/kg	0.874	0.177	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB
Zinc, Total	127		mg/kg	4.37	0.256	2	09/06/18 15:40	09/06/18 23:52	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	16		mg/kg	0.91	0.91	1		09/06/18 23:52	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05

Date Collected: 08/31/18 09:00

Client ID: DL-66/67-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Barium, TCLP	0.230	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Copper, TCLP	0.023	J	mg/l	0.200	0.022	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Lead, TCLP	0.080	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	09/05/18 10:52	09/06/18 02:02	EPA 7470A	1,7470A	EA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB
Zinc, TCLP	0.708		mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:44	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-05

Date Collected: 08/31/18 09:00

Client ID: DL-66/67-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7150		mg/kg	8.61	2.32	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Antimony, Total	1.29	J	mg/kg	4.30	0.327	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Arsenic, Total	3.08		mg/kg	0.861	0.179	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Barium, Total	58.6		mg/kg	0.861	0.150	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Beryllium, Total	0.344	J	mg/kg	0.430	0.028	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.861	0.084	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Calcium, Total	3520		mg/kg	8.61	3.01	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Chromium, Total	18.5		mg/kg	0.861	0.083	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Cobalt, Total	5.79		mg/kg	1.72	0.143	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Copper, Total	20.0		mg/kg	0.861	0.222	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Iron, Total	19000		mg/kg	4.30	0.778	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Lead, Total	108		mg/kg	4.30	0.231	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Magnesium, Total	1640		mg/kg	8.61	1.33	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Manganese, Total	336		mg/kg	0.861	0.137	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Mercury, Total	0.170		mg/kg	0.070	0.015	1	09/06/18 10:30	09/06/18 20:36	EPA 7471B	1,7471B	MG
Nickel, Total	17.0		mg/kg	2.15	0.208	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Potassium, Total	755		mg/kg	215	12.4	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.861	0.244	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Sodium, Total	134	J	mg/kg	172	2.71	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Vanadium, Total	25.2		mg/kg	0.861	0.175	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB
Zinc, Total	83.8		mg/kg	4.30	0.252	2	09/06/18 15:40	09/06/18 23:56	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	18	J	mg/kg	0.90	0.90	1		09/06/18 23:56	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07

Date Collected: 08/31/18 11:20

Client ID: DL-62-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Barium, TCLP	1.11		mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Copper, TCLP	0.028	J	mg/l	0.200	0.022	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Lead, TCLP	0.437	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	09/05/18 10:52	09/06/18 02:04	EPA 7470A	1,7470A	EA
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB
Zinc, TCLP	0.874		mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 13:49	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS**

Lab ID: L1834570-07

Date Collected: 08/31/18 11:20

Client ID: DL-62-WC (0-5)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5520		mg/kg	8.76	2.36	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.38	0.333	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Arsenic, Total	7.72		mg/kg	0.876	0.182	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Barium, Total	786		mg/kg	0.876	0.152	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Beryllium, Total	0.280	J	mg/kg	0.438	0.029	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.876	0.086	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Calcium, Total	3460		mg/kg	8.76	3.07	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Chromium, Total	20.7		mg/kg	0.876	0.084	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Cobalt, Total	5.60		mg/kg	1.75	0.145	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Copper, Total	139		mg/kg	0.876	0.226	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Iron, Total	53000		mg/kg	43.8	7.91	20	09/06/18 15:40	09/07/18 02:03	EPA 3050B	1,6010D	AB
Lead, Total	1270		mg/kg	4.38	0.235	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Magnesium, Total	1420		mg/kg	8.76	1.35	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Manganese, Total	264		mg/kg	0.876	0.139	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Mercury, Total	0.772		mg/kg	0.073	0.015	1	09/06/18 10:30	09/06/18 20:38	EPA 7471B	1,7471B	MG
Nickel, Total	20.2		mg/kg	2.19	0.212	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Potassium, Total	443		mg/kg	219	12.6	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Selenium, Total	0.263	J	mg/kg	1.75	0.226	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Silver, Total	0.289	J	mg/kg	0.876	0.248	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Sodium, Total	61.9	J	mg/kg	175	2.76	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.75	0.276	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Vanadium, Total	19.9		mg/kg	0.876	0.178	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB
Zinc, Total	614		mg/kg	4.38	0.257	2	09/06/18 15:40	09/07/18 00:00	EPA 3050B	1,6010D	AB

General Chemistry - Mansfield Lab

Chromium, Trivalent	21		mg/kg	0.92	0.92	1		09/07/18 00:00	NA	107,-	



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1153724-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	09/05/18 10:52	09/06/18 01:40	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 09/02/18 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1154059-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	09/06/18 10:30	09/06/18 19:46	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1154290-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Antimony, Total	0.220	J	mg/kg	2.00	0.152	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Method Blank Analysis Batch Quality Control

Selenium, Total	ND		mg/kg	0.800	0.103	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Sodium, Total	1.80	J	mg/kg	80.0	1.26	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1154525-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Barium, TCLP	0.077	J	mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Chromium, TCLP	ND		mg/l	0.200	0.021	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Copper, TCLP	ND		mg/l	0.200	0.022	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Nickel, TCLP	ND		mg/l	0.500	0.024	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Selenium, TCLP	0.039	J	mg/l	0.500	0.035	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Silver, TCLP	ND		mg/l	0.100	0.028	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE
Zinc, TCLP	ND		mg/l	0.500	0.021	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/02/18 19:48

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1153724-2								
Mercury, TCLP	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1154059-2 SRM Lot Number: D102-540								
Mercury, Total	89		-		65-134	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834570

Report Date: 09/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1154290-2 SRM Lot Number: D102-540					
Aluminum, Total	61	-	49-150	-	
Antimony, Total	158	-	1-199	-	
Arsenic, Total	91	-	83-117	-	
Barium, Total	91	-	83-118	-	
Beryllium, Total	100	-	83-116	-	
Cadmium, Total	107	-	83-118	-	
Calcium, Total	87	-	82-118	-	
Chromium, Total	87	-	83-117	-	
Cobalt, Total	89	-	84-116	-	
Copper, Total	96	-	84-116	-	
Iron, Total	74	-	61-139	-	
Lead, Total	85	-	82-118	-	
Magnesium, Total	77	-	76-124	-	
Manganese, Total	88	-	82-118	-	
Nickel, Total	91	-	83-117	-	
Potassium, Total	76	-	70-130	-	
Selenium, Total	96	-	79-121	-	
Silver, Total	90	-	80-120	-	
Sodium, Total	89	-	74-126	-	
Thallium, Total	99	-	81-119	-	
Vanadium, Total	88	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1154290-2 SRM Lot Number: D102-540					
Zinc, Total	86	-	81-118	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1154525-2					
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	98	-	75-125	-	20
Cadmium, TCLP	102	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Copper, TCLP	94	-	75-125	-	20
Lead, TCLP	94	-	75-125	-	20
Nickel, TCLP	94	-	75-125	-	20
Selenium, TCLP	104	-	75-125	-	20
Silver, TCLP	91	-	75-125	-	20
Zinc, TCLP	102	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834570

Project Number: 2861.0001Y000

Report Date: 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153724-3 QC Sample: L1833888-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0254	102		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154059-3 QC Sample: L1834347-01 Client ID: MS Sample												
Mercury, Total	ND	0.132	0.122	92		-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154290-3 QC Sample: L1834378-02 Client ID: MS Sample									
Aluminum, Total	1950	169	3010	626	Q	-	75-125	-	20
Antimony, Total	0.794J	42.4	44.3	104		-	75-125	-	20
Arsenic, Total	1.31	10.2	13.1	116		-	75-125	-	20
Barium, Total	10.2	169	183	102		-	75-125	-	20
Beryllium, Total	0.101J	4.24	4.12	97		-	75-125	-	20
Cadmium, Total	ND	4.32	4.35	101		-	75-125	-	20
Calcium, Total	338.	847	1630	152	Q	-	75-125	-	20
Chromium, Total	4.65	16.9	24.8	119		-	75-125	-	20
Cobalt, Total	2.05	42.4	43.3	97		-	75-125	-	20
Copper, Total	13.2	21.2	44.5	148	Q	-	75-125	-	20
Iron, Total	5120	84.7	8050	3460	Q	-	75-125	-	20
Lead, Total	11.8	43.2	68.2	130	Q	-	75-125	-	20
Magnesium, Total	404.	847	1510	130	Q	-	75-125	-	20
Manganese, Total	101.	42.4	136	83		-	75-125	-	20
Nickel, Total	3.33	42.4	46.1	101		-	75-125	-	20
Potassium, Total	173.J	847	1010	119		-	75-125	-	20
Selenium, Total	ND	10.2	10.6	104		-	75-125	-	20
Silver, Total	ND	25.4	25.8	102		-	75-125	-	20
Sodium, Total	16.4J	847	901	106		-	75-125	-	20
Thallium, Total	ND	10.2	9.46	93		-	75-125	-	20
Vanadium, Total	5.58	42.4	53.2	112		-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154290-3 QC Sample: L1834378-02 Client ID: MS Sample									
Zinc, Total	17.3	42.4	74.7	136	Q	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154525-3 QC Sample: L1834500-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.21	101	-	-	75-125	-	20
Barium, TCLP	0.228J	20	19.3	96	-	-	75-125	-	20
Cadmium, TCLP	0.036J	0.51	0.537	105	-	-	75-125	-	20
Chromium, TCLP	0.408	2	2.23	91	-	-	75-125	-	20
Copper, TCLP	0.032J	2.5	2.30	92	-	-	75-125	-	20
Lead, TCLP	0.045J	5.1	4.64	91	-	-	75-125	-	20
Nickel, TCLP	ND	5	4.52	90	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.19	99	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.442	88	-	-	75-125	-	20
Zinc, TCLP	63.2	5	65.0	36	Q	-	75-125	-	20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153724-4 QC Sample: L1833888-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154059-4 QC Sample: L1834347-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154290-4 QC Sample: L1834378-02 Client ID: DUP Sample					
Aluminum, Total	1950	2070	mg/kg	6	20
Antimony, Total	0.794J	0.944J	mg/kg	NC	20
Arsenic, Total	1.31	1.68	mg/kg	25	Q 20
Barium, Total	10.2	11.2	mg/kg	9	20
Beryllium, Total	0.101J	0.084J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	338.	364	mg/kg	7	20
Chromium, Total	4.65	4.94	mg/kg	6	20
Cobalt, Total	2.05	2.02	mg/kg	1	20
Copper, Total	13.2	14.0	mg/kg	6	20
Iron, Total	5120	5260	mg/kg	3	20
Lead, Total	11.8	14.4	mg/kg	20	20
Magnesium, Total	404.	374	mg/kg	8	20
Manganese, Total	101.	94.4	mg/kg	7	20
Nickel, Total	3.33	3.41	mg/kg	2	20
Potassium, Total	173.J	156J	mg/kg	NC	20
Selenium, Total	ND	0.244J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	16.4J	15.3J	mg/kg	NC	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154290-4 QC Sample: L1834378-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	5.58	5.55	mg/kg	1	20
Zinc, Total	17.3	21.0	mg/kg	19	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1154525-4 QC Sample: L1834500-01 Client ID: DUP Sample					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.228J	0.243J	mg/l	NC	20
Cadmium, TCLP	0.036J	0.038J	mg/l	NC	20
Chromium, TCLP	0.408	0.422	mg/l	3	20
Lead, TCLP	0.045J	0.067J	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/04/18 07:36	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/04/18 07:36	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/04/18 07:36	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/04/18 07:36	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-01
Client ID: DL-63-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.26		SU	-	NA	1	-	09/03/18 11:48	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI
Solids, Total Volatile	7.7		%	0.10	0.10	1	-	09/04/18 11:05	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/01/18 13:35	09/04/18 11:36	1,9010C/9012B	JO
pH (H)	9.3		SU	-	NA	1	-	09/01/18 05:50	1,9045D	UN
Oil & Grease, Hem-Grav	374		mg/kg	227	227.	1	09/04/18 16:45	09/04/18 22:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.908	0.182	1	09/04/18 00:30	09/05/18 09:38	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:51	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:36	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-02**Client ID:** DL-63-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 07:55**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-03
Client ID: DL-64/65-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 08:30
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.57		SU	-	NA	1	-	09/03/18 11:48	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI
Solids, Total Volatile	3.7		%	0.10	0.10	1	-	09/04/18 11:05	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/01/18 13:35	09/04/18 11:39	1,9010C/9012B	JO
pH (H)	9.4		SU	-	NA	1	-	09/01/18 05:50	1,9045D	UN
Oil & Grease, Hem-Grav	ND		mg/kg	227	227.	1	09/04/18 16:45	09/04/18 22:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	09/04/18 00:30	09/05/18 09:38	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:51	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:36	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-04**Client ID:** DL-64/65-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 08:25**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-05
Client ID: DL-66/67-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 09:00
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	6.45		SU	-	NA	1	-	09/03/18 11:48	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI
Solids, Total Volatile	7.7		%	0.10	0.10	1	-	09/04/18 11:05	121,2540G	DW
Cyanide, Total	0.28	J	mg/kg	1.1	0.23	1	09/01/18 13:35	09/04/18 11:40	1,9010C/9012B	JO
pH (H)	11.0		SU	-	NA	1	-	09/01/18 05:50	1,9045D	UN
Oil & Grease, Hem-Grav	437		mg/kg	224	224.	1	09/04/18 16:45	09/04/18 22:10	1,9071B	ML
Chromium, Hexavalent	0.213	J	mg/kg	0.897	0.179	1	09/04/18 00:30	09/05/18 09:38	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:52	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:36	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-06**Client ID:** DL-66/67-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 08:55**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

SAMPLE RESULTS

Lab ID: L1834570-07
Client ID: DL-62-WC (0-5)
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 08/31/18 11:20
Date Received: 08/31/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP pH Extraction Data - Westborough Lab										
pH, Extraction Post-Filtration	5.44		SU	-	NA	1	-	09/03/18 11:48	1,1311	TN
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI
Solids, Total Volatile	4.6		%	0.10	0.10	1	-	09/04/18 11:05	121,2540G	DW
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/01/18 13:35	09/04/18 11:41	1,9010C/9012B	JO
pH (H)	7.8		SU	-	NA	1	-	09/01/18 05:50	1,9045D	UN
Oil & Grease, Hem-Grav	240		mg/kg	229	229.	1	09/04/18 16:45	09/04/18 22:10	1,9071B	ML
Chromium, Hexavalent	ND		mg/kg	0.915	0.183	1	09/04/18 00:30	09/05/18 09:38	1,7196A	NH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:52	125,7.3	RM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:37	125,7.3	RM



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834570**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-08**Client ID:** DL-62-WC (1-2)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 11:15**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	09/01/18 09:48	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-09**Date Collected:** 08/31/18 08:00**Client ID:** ASTM LEACHATE OF DL-63-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	180		mg/l	10	NA	1	-	09/04/18 14:10	121,2540B	DR
Nitrogen, Ammonia	0.042	J	mg/l	0.075	0.024	1	09/04/18 12:39	09/04/18 21:35	121,4500NH3-BH	AT
Chemical Oxygen Demand	10.	J	mg/l	20	6.0	1	09/04/18 19:55	09/04/18 22:33	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	09/04/18 18:15	09/04/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-10**Date Collected:** 08/31/18 08:30**Client ID:** ASTM LEACHATE OF DL-64/65-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	260		mg/l	10	NA	1	-	09/04/18 14:10	121,2540B	DR
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	09/04/18 12:39	09/04/18 21:36	121,4500NH3-BH	AT
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	09/04/18 19:55	09/04/18 22:33	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	09/04/18 18:15	09/04/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-11**Date Collected:** 08/31/18 09:00**Client ID:** ASTM LEACHATE OF DL-66/67-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	260		mg/l	10	NA	1	-	09/04/18 14:10	121,2540B	DR
Nitrogen, Ammonia	0.027	J	mg/l	0.075	0.024	1	09/04/18 12:39	09/04/18 21:37	121,4500NH3-BH	AT
Chemical Oxygen Demand	6.0	J	mg/l	20	6.0	1	09/04/18 19:55	09/04/18 22:33	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	09/04/18 18:15	09/04/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18**SAMPLE RESULTS****Lab ID:** L1834570-12**Date Collected:** 08/31/18 11:20**Client ID:** ASTM LEACHATE OF DL-62-WC (0-5)**Date Received:** 08/31/18**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Field Prep:** Not Specified**Sample Depth:****Matrix:** Liquid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	130		mg/l	10	NA	1	-	09/04/18 14:10	121,2540B	DR
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	09/04/18 12:39	09/04/18 21:41	121,4500NH3-BH	AT
Chemical Oxygen Demand	6.0	J	mg/l	20	6.0	1	09/04/18 19:55	09/04/18 22:33	121,5220D	TL
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	09/04/18 18:15	09/04/18 19:00	74,1664A	ML



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834570**Project Number:** 2861.0001Y000**Report Date:** 09/10/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1152930-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:35	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1152932-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/01/18 12:21	09/01/18 13:50	125,7.3	RM
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1152955-1										
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/01/18 13:35	09/04/18 11:05	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153203-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/04/18 00:30	09/05/18 09:38	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153226-1										
Solids, Total Volatile	ND		%	0.10	0.10	1	-	09/04/18 11:05	121,2540G	DW
General Chemistry - Westborough Lab for sample(s): 09-12 Batch: WG1153239-1										
Solids, Total	ND		mg/l	10	NA	1	-	09/04/18 14:10	121,2540B	DR
General Chemistry - Westborough Lab for sample(s): 09-12 Batch: WG1153307-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	09/04/18 12:39	09/04/18 21:16	121,4500NH3-BH	AT
General Chemistry - Westborough Lab for sample(s): 09-12 Batch: WG1153495-1										
Oil & Grease, Hem-Grav	ND		mg/l	4.0	4.0	1	09/04/18 18:15	09/04/18 19:00	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 09-12 Batch: WG1153504-1										
Chemical Oxygen Demand	ND		mg/l	20	6.0	1	09/04/18 19:55	09/04/18 22:31	121,5220D	TL
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153526-1										
Oil & Grease, Hem-Grav	ND		mg/kg	200	200.	1	09/04/18 16:45	09/04/18 22:10	1,9071B	ML
TCLP pH Extraction Data - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1153564-1										
pH, Extraction Post-Filtration	4.98		SU	-	NA	1	-	09/03/18 11:48	1,1311	TN

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1152879-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1152930-2								
Sulfide, Reactive	73		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1152932-2								
Cyanide, Reactive	56		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1152955-2 WG1152955-3								
Cyanide, Total	45	Q	65	Q	80-120	39	Q	35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153203-2								
Chromium, Hexavalent	72	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-12 Batch: WG1153239-2								
Solids, Total	96		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 09-12 Batch: WG1153307-2								
Nitrogen, Ammonia	92		-		80-120	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09-12 Batch: WG1153495-2					
Oil & Grease, Hem-Grav	94	-	78-114	-	18
General Chemistry - Westborough Lab Associated sample(s): 09-12 Batch: WG1153504-2					
Chemical Oxygen Demand	98	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1153526-2					
Oil & Grease, Hem-Grav	96	-	64-132	-	34

Matrix Spike Analysis **Batch Quality Control**

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1152955-4 WG1152955-5 QC Sample: L1834560-01 Client ID: MS Sample												
Cyanide, Total	ND	9.5	9.1	96		9.6	94		75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153203-4 QC Sample: L1834570-05 Client ID: DL-66/67-WC (0-5)												
Chromium, Hexavalent	0.213J	862	727	84		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG1153307-4 QC Sample: L1834201-01 Client ID: MS Sample												
Nitrogen, Ammonia	0.244	4	3.66	85		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG1153504-3 QC Sample: L1834570-12 Client ID: ASTM LEACHATE OF DL-62-WC (0-5)												
Chemical Oxygen Demand	6.0J	238	250	103		-	-		84-120	-		12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153526-4 QC Sample: L1834570-05 Client ID: DL-66/67-WC (0-5)												
Oil & Grease, Hem-Grav	437.	4480	5210	106		-	-		64-132	-		34

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01,03,05,07	QC Batch ID: WG1152879-2	QC Sample: L1834560-01	Client ID: DUP Sample		
pH	9.0	9.1	SU	1		5
General Chemistry - Westborough Lab	Associated sample(s): 01-08	QC Batch ID: WG1152904-1	QC Sample: L1834570-01	Client ID: DL-63-WC (0-5)		
Solids, Total	88.1	89.6	%	2		20
General Chemistry - Westborough Lab	Associated sample(s): 01,03,05,07	QC Batch ID: WG1152930-3	QC Sample: L1834586-11	Client ID: DUP Sample		
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab	Associated sample(s): 01,03,05,07	QC Batch ID: WG1152932-3	QC Sample: L1834586-11	Client ID: DUP Sample		
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab	Associated sample(s): 01,03,05,07	QC Batch ID: WG1153203-6	QC Sample: L1834570-05	Client ID: DL-66/67-WC (0-5)		
Chromium, Hexavalent	0.213J	0.202J	mg/kg	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01,03,05,07	QC Batch ID: WG1153226-2	QC Sample: L1834570-01	Client ID: DL-63-WC (0-5)		
Solids, Total Volatile	7.7	12	%	44	Q	11
General Chemistry - Westborough Lab	Associated sample(s): 09-12	QC Batch ID: WG1153239-3	QC Sample: L1834570-09	Client ID: ASTM LEACHATE OF DL-63-WC (0-5)		
Solids, Total	180	170	mg/l	6		16
General Chemistry - Westborough Lab	Associated sample(s): 09-12	QC Batch ID: WG1153307-3	QC Sample: L1834201-01	Client ID: DUP Sample		
Nitrogen, Ammonia	0.244	0.116	mg/l	71	Q	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09-12 QC Batch ID: WG1153504-4 QC Sample: L1834570-12 Client ID: ASTM LEACHATE OF DL-62-WC (0-5)					
Chemical Oxygen Demand	6.0J	8.2J	mg/l	NC	12
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1153526-3 QC Sample: L1834570-05 Client ID: DL-66/67-WC (0-5)					
Oil & Grease, Hem-Grav	437.	359	mg/kg	20	34

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No: 09101816:17
Lab Number: L1834570
Report Date: 09/10/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834570-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1834570-01B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-01C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-01D	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-01S9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1834570-01X9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-01Y	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1834570-02A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-02B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-02C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-02D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)

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L1834570-02E	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		TCLP-EXT-ZHE(14)
L1834570-02S	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-02T	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-02X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-02Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:51	NYTCL-8260HLW(14)
L1834570-02Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:52	NYTCL-8260HLW(14)
L1834570-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1834570-03B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-03C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-03D	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-03S9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1834570-03X9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-03Y	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1834570-04A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-04B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-04C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)

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L1834570-04D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L1834570-04E	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		TCLP-EXT-ZHE(14)
L1834570-04S	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-04T	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-04X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-04Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:51	NYTCL-8260HLW(14)
L1834570-04Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:52	NYTCL-8260HLW(14)
L1834570-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1834570-05B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-05C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-05D	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-05S9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1834570-05X9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-05Y	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1834570-06A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-06B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)

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L1834570-06C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-06D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L1834570-06E	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		TCLP-EXT-ZHE(14)
L1834570-06S	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-06T	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-06X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-06Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:51	NYTCL-8260HLW(14)
L1834570-06Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:52	NYTCL-8260HLW(14)
L1834570-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1834570-07B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-07C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-07D	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),NJEPH-TPH-CAT1(14),NJ-TPH-DROD-C44(14),TS(7),TVS-2540(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),OG-9071(28),REACTCN(14),HEXCR-7196(30)
L1834570-07S9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),NI-CI(180),CU-CI(180),HG-C(28),PB-CI(180),ZN-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1834570-07X9	Tumble Vessel	A	NA		3.7	Y	Absent		-
L1834570-07Y	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1834570-08A	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)

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L1834570-08B	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-08C	5 gram Encore Sampler	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-08D	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L1834570-08E	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		TCLP-EXT-ZHE(14)
L1834570-08S	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-08T	Vial unpreserved Extracts	A	NA		3.7	Y	Absent		TCLP-VOA(14)
L1834570-08X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L1834570-08Y	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:52	NYTCL-8260HLW(14)
L1834570-08Z	Vial Water preserved split	A	NA		3.7	Y	Absent	01-SEP-18 11:51	NYTCL-8260HLW(14)
L1834570-09A	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-09A1	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-09A2	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-09B	Plastic 250ml H2SO4 preserved split	A	N/A	N/A	3.7	Y	Absent		COD-5220(28),NH3-4500(28)
L1834570-09C	Amber 1000ml HCl preserved split	A	NA		3.7	Y	Absent		OG-1664(28)
L1834570-09D	Plastic 500ml unpreserved split	A	N/A	N/A	3.7	Y	Absent		TSC-2540(7)
L1834570-10A	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-10A1	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-10A2	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-10B	Plastic 250ml H2SO4 preserved split	A	N/A	N/A	3.7	Y	Absent		COD-5220(28),NH3-4500(28)
L1834570-10C	Amber 1000ml HCl preserved split	A	NA		3.7	Y	Absent		OG-1664(28)
L1834570-10D	Plastic 500ml unpreserved split	A	N/A	N/A	3.7	Y	Absent		TSC-2540(7)
L1834570-11A	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-11A1	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-11A2	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-11B	Plastic 250ml H2SO4 preserved split	A	N/A	N/A	3.7	Y	Absent		COD-5220(28),NH3-4500(28)

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L1834570-11C	Amber 1000ml HCl preserved split	A	NA		3.7	Y	Absent		OG-1664(28)
L1834570-11D	Plastic 500ml unpreserved split	A	N/A	N/A	3.7	Y	Absent		TSC-2540(7)
L1834570-12A	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-12A1	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-12A2	Amber 1000ml unpreserved Extracts	A	NA		3.7	Y	Absent		TSC-2540(7),COD-5220(28),OG-1664(28),NH3-4500(28)
L1834570-12B	Plastic 250ml H2SO4 preserved split	A	N/A	N/A	3.7	Y	Absent		COD-5220(28),NH3-4500(28)
L1834570-12C	Amber 1000ml HCl preserved split	A	NA		3.7	Y	Absent		OG-1664(28)
L1834570-12D	Plastic 500ml unpreserved split	A	N/A	N/A	3.7	Y	Absent		TSC-2540(7)

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834570
Report Date: 09/10/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 11

Published Date: 1/8/2018 4:15:49 PM

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 300:** DW: Bromide**EPA 6860:** SCM: Perchlorate**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,****SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.****EPA 624:** Volatile Halocarbons & Aromatics,**EPA 608:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd in Lab <u>8/31/18</u>		ALPHA Job # <u>L1834570</u>											
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>FORMER KRISTAL AUTO MALL</u> Project Location: <u>5200 KING HIGHWAY, BROOKLYN, NY</u> Project # <u>7861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #									
Client Information Client: <u>ROUX ENV ENG & GEOLOGY</u> Address: <u>709 SHAFER STREET DPC</u> <u>ISLANDIA, NEW YORK 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>WShen@rouxinc.com</u>		Project Manager: <u>ROUX: Wendy Shen Alpha: Karyn Raymond</u> ALPHAQuote #:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:													
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments: <u>please cc results to chenke@rouxinc.com</u>		ANALYSIS HD3 PH <u>44/45</u> TCL VOCs + 10 <u>8260C</u> TCLP VOCs <u>8270D</u> SVOC <u>8270D</u> Pest <u>8081B/PCB</u> Tail Metals <u>6010C/4715</u> HexChrom <u>6010C/4715</u> Total Solids <u>2015</u> Total Cyanide <u>2015</u> Net Waste <u>4150</u> Form U/TCLP <u>4150</u> Analysis		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)		Total Bottle											
Please specify Metals or TAL.		Sample Specific Comments																	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	HD3 PH	TCL VOCs + 10	TCLP VOCs	SVOC	Pest	Tail Metals	HexChrom	Total Solids	Total Cyanide	Net Waste	Form U/TCLP	Analysis	Sample Specific Comments	Total Bottle
34570-01	DL-63-WC(0-5)	8/31/18	800	S	RRH	X			X	X	X	X	X	X	X	X	X		4
-02	DL-63-WC(1-2)	8/31/18	755	S	RRH		X												5
-03	DL-64/65-WC(0-5)	8/31/18	830	S	RRH	X			X	X	X	X	X	X	X	X	X		4
-04	DL-64/65-WC(1-2)	8/31/18	825	S	RRH		X												5
-05	DL-66/67-WC(0-5)	8/31/18	900	S	RRH	X			X	X	X	X	X	X	X	X	X		4
-06	DL-66/67-WC(1-2)	8/31/18	855	S	RRH		X												5
-07	DL-62-WC(0-5)	8/31/18	1120	S	RRH	X			X	X	X	X	X	X	X	X	X		4
-08	DL-62-WC(1-2)	8/31/18	1115	S	RRH		X												5
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type													
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015		Preservative													
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time											
		Zachary Moske		8/31/18 1230		Dave Santos		8/31/18 1230											
		D Santos		8/31/18 1520		D Santos		8/31/18 1800											
		D Santos		8/31/18 2300		D Santos		8/31/18 2300											



ANALYTICAL REPORT

Lab Number:	L1834571
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	09/07/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834571

Report Date: 09/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1834571-01	DL-61-E-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:15	08/31/18
L1834571-02	DL-61-E-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:20	08/31/18
L1834571-03	DL-61-E-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:25	08/31/18
L1834571-04	DL-61-E-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:30	08/31/18
L1834571-05	DL-61-S-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:35	08/31/18
L1834571-06	DL-61-S-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:40	08/31/18
L1834571-07	DL-61-S-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:45	08/31/18
L1834571-08	DL-61-S-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:50	08/31/18
L1834571-09	DL-61-W-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:15	08/31/18
L1834571-10	DL-61-W-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:20	08/31/18
L1834571-11	DL-61-W-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:30	08/31/18
L1834571-12	DL-61-W-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:35	08/31/18
L1834571-13	DL-61-N-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:45	08/31/18
L1834571-14	DL-61-N-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:50	08/31/18
L1834571-15	DL-61-N-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:55	08/31/18
L1834571-16	DL-61-N-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 11:00	08/31/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Case Narrative (continued)

Report Submission

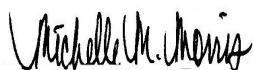
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 09/07/18

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-03

Date Collected: 08/31/18 09:25

Client ID: DL-61-E-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.036	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:03	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-03

Date Collected: 08/31/18 09:25

Client ID: DL-61-E-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	530		mg/kg	2.29	0.123	1	09/06/18 15:40	09/07/18 00:38	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-04

Date Collected: 08/31/18 09:30

Client ID: DL-61-E-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:07	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-04

Date Collected: 08/31/18 09:30

Client ID: DL-61-E-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	18.9		mg/kg	2.32	0.124	1	09/06/18 15:40	09/07/18 00:43	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-07

Date Collected: 08/31/18 09:45

Client ID: DL-61-S-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.229	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:12	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-07

Date Collected: 08/31/18 09:45

Client ID: DL-61-S-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1790		mg/kg	2.50	0.134	1	09/06/18 15:40	09/07/18 00:47	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-08

Date Collected: 08/31/18 09:50

Client ID: DL-61-S-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:16	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-08

Date Collected: 08/31/18 09:50

Client ID: DL-61-S-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	85.5		mg/kg	2.32	0.124	1	09/06/18 15:40	09/07/18 00:52	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-09

Date Collected: 08/31/18 10:15

Client ID: DL-61-W-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.14		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:21	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-09

Date Collected: 08/31/18 10:15

Client ID: DL-61-W-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1410		mg/kg	2.10	0.113	1	09/06/18 15:40	09/07/18 00:56	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-10

Date Collected: 08/31/18 10:20

Client ID: DL-61-W-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:34	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-10

Date Collected: 08/31/18 10:20

Client ID: DL-61-W-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	59.7		mg/kg	2.39	0.128	1	09/06/18 15:40	09/07/18 01:00	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-15

Date Collected: 08/31/18 10:55

Client ID: DL-61-N-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.299	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:39	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-15

Date Collected: 08/31/18 10:55

Client ID: DL-61-N-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	914		mg/kg	2.36	0.127	1	09/06/18 15:40	09/07/18 01:04	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-16

Date Collected: 08/31/18 11:00

Client ID: DL-61-N-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:44	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-16

Date Collected: 08/31/18 11:00

Client ID: DL-61-N-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	25.3		mg/kg	2.29	0.122	1	09/06/18 15:40	09/07/18 01:09	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04,07-10,15-16 Batch: WG1154290-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 03-04,07-10,15-16 Batch: WG1154525-1									
Lead, TCLP	ND	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/02/18 19:48

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834571

Report Date: 09/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 Batch: WG1154290-2 SRM Lot Number: D102-540								
Lead, Total	85		-		82-118	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 Batch: WG1154525-2								
Lead, TCLP	94		-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154290-3 QC Sample: L1834378-02 Client ID: MS Sample												
Lead, Total	11.8	43.2	68.2	130	Q	-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154525-3 QC Sample: L1834500-01 Client ID: MS Sample												
Lead, TCLP	0.045J	5.1	4.64	91		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154290-4 QC Sample: L1834378-02 Client ID: DUP Sample						
Lead, Total	11.8	14.4	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154525-4 QC Sample: L1834500-01 Client ID: DUP Sample						
Lead, TCLP	0.045J	0.067J	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-03**Client ID:** DL-61-E-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:25**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-04**Client ID:** DL-61-E-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:30**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-07**Client ID:** DL-61-S-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:45**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-08**Client ID:** DL-61-S-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:50**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-09**Client ID:** DL-61-W-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:15**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-10**Client ID:** DL-61-W-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:20**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-15**Client ID:** DL-61-N-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:55**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-16**Client ID:** DL-61-N-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 11:00**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
- Associated sample(s): 01-16 QC Batch ID: WG1152906-1 QC Sample: L1834571-01 Client ID: DL-61-E-10 (2.5-3)						
Solids, Total	67.0	69.3	%	3		20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-03B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-03X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-04B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-04X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-04X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-06B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-06X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-06X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-07B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-07X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-07X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-08B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-08X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-08X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-09B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-09X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-09X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-10B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-10X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-10X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-13B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-13X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-13X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-15B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-15X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-15X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-16B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-16X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-16X9	Tumble Vessel	B	NA		3.3	Y	Absent		-

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>8/31/18</u>		ALPHA Job # <u>L1834571</u>			
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>FORMER KRISTAL AUTO MALL</u> Project Location: <u>5200 KINGS HIGHWAY, BROOKLYN, NY</u> Project # <u>2861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Client Information Client: <u>ROUX ENV ENG & GEOLOGY PC</u> Address: <u>209 SNAFTER STREET</u> <u>ISLANDIA, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>rhenke@rouxinc.com</u>		Project Manager: <u>ROUX: Wendy Shan Alpha: Koryn Raymond</u> ALPHAQuote #:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:					
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments: <u>please cc results to rhenke@rouxinc.com</u>		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		T o t a l B o t t l e			
Please specify Metals or TAL.		Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		TOTAL LEAD TCLP LEAD		Sample Specific Comments					
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials			
34571 - 01		DL-61-E-10(2.5-3)		8/31/18 915		S		RRH		X X	
-02		DL-61-E-10(6.5-7)		920		I		I		I I	
-03		DL-61-E-5(2.5-3)		925		I		I		I I	
-04		DL-61-E-5(6.5-7)		930		I		I		I I	
-05		DL-61-S-10(2.5-3)		935		I		I		I I	
-06		DL-61-S-10(6.5-7)		940		I		I		I I	
-07		DL-61-S-5(2.5-3)		945		I		I		I I	
-08		DL-61-S-5(6.5-7)		950		I		I		I I	
-09		DL-61-W-5(2.5-3)		1015		I		I		I I	
-10		DL-61-W-5(6.5-7)		1020		I		I		I I	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Rachel S. Santos</u>		Date/Time: <u>8/31/18 1230</u>		Received By: <u>D. Santos</u>		Date/Time: <u>8/31/18 1230</u>					
<u>D. Santos AAL</u>		<u>8/31/18 1520</u>		<u>D. Santos AAL</u>		<u>8/31/18 1800</u>					
<u>D. Santos AAL</u>		<u>8/31/18 2300</u>		<u>D. Santos AAL</u>		<u>8/31/18 2300</u>					



ANALYTICAL REPORT

Lab Number:	L1926005
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/18/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1926005-01	X61-WC_0-7	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 11234	06/17/19 08:00	06/17/19

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1926005-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1249814-1 Method Blank, associated with L1926005-01, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

Cyanide, Total

The WG1249684-2/-3 LCS/LCSD recoveries (68%/79%), associated with L1926005-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1249660-5 The Soluble MS recovery was below criteria (0%). This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 102%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Amita Naik

Title: Technical Director/Representative

Date: 06/18/19

ORGANICS

VOLATILES

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 06/18/19 08:39
 Analyst: MV
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	430	200	1
1,1-Dichloroethane	ND		ug/kg	86	12.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	86	20.	1
1,2-Dichloropropane	ND		ug/kg	86	11.	1
Dibromochloromethane	ND		ug/kg	86	12.	1
1,1,2-Trichloroethane	ND		ug/kg	86	23.	1
Tetrachloroethene	ND		ug/kg	43	17.	1
Chlorobenzene	ND		ug/kg	43	11.	1
Trichlorofluoromethane	ND		ug/kg	340	60.	1
1,2-Dichloroethane	ND		ug/kg	86	22.	1
1,1,1-Trichloroethane	ND		ug/kg	43	14.	1
Bromodichloromethane	ND		ug/kg	43	9.3	1
trans-1,3-Dichloropropene	ND		ug/kg	86	23.	1
cis-1,3-Dichloropropene	ND		ug/kg	43	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	43	14.	1
1,1-Dichloropropene	ND		ug/kg	43	14.	1
Bromoform	ND		ug/kg	340	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	43	14.	1
Benzene	140		ug/kg	43	14.	1
Toluene	2100		ug/kg	86	46.	1
Ethylbenzene	830		ug/kg	86	12.	1
Chloromethane	ND		ug/kg	340	80.	1
Bromomethane	ND		ug/kg	170	50.	1
Vinyl chloride	ND		ug/kg	86	29.	1
Chloroethane	ND		ug/kg	170	39.	1
1,1-Dichloroethene	ND		ug/kg	86	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS****Lab ID:** L1926005-01**Date Collected:** 06/17/19 08:00**Client ID:** X61-WC_0-7**Date Received:** 06/17/19**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 11234**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	43	12.	1
1,2-Dichlorobenzene	34	J	ug/kg	170	12.	1
1,3-Dichlorobenzene	ND		ug/kg	170	13.	1
1,4-Dichlorobenzene	46	J	ug/kg	170	15.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	3900		ug/kg	170	48.	1
o-Xylene	1700		ug/kg	86	25.	1
Xylenes, Total	5600		ug/kg	86	25.	1
cis-1,2-Dichloroethene	ND		ug/kg	86	15.	1
1,2-Dichloroethene, Total	ND		ug/kg	86	12.	1
Dibromomethane	ND		ug/kg	170	20.	1
Styrene	ND		ug/kg	86	17.	1
Dichlorodifluoromethane	ND		ug/kg	860	78.	1
Acetone	ND		ug/kg	860	410	1
Carbon disulfide	ND		ug/kg	860	390	1
2-Butanone	ND		ug/kg	860	190	1
Vinyl acetate	ND		ug/kg	860	180	1
4-Methyl-2-pentanone	ND		ug/kg	860	110	1
1,2,3-Trichloropropane	ND		ug/kg	170	11.	1
2-Hexanone	ND		ug/kg	860	100	1
Bromochloromethane	ND		ug/kg	170	18.	1
2,2-Dichloropropane	ND		ug/kg	170	17.	1
1,2-Dibromoethane	ND		ug/kg	86	24.	1
1,3-Dichloropropane	ND		ug/kg	170	14.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	43	11.	1
Bromobenzene	ND		ug/kg	170	12.	1
n-Butylbenzene	340		ug/kg	86	14.	1
sec-Butylbenzene	250		ug/kg	86	12.	1
tert-Butylbenzene	24	J	ug/kg	170	10.	1
o-Chlorotoluene	ND		ug/kg	170	16.	1
p-Chlorotoluene	ND		ug/kg	170	9.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	85.	1
Hexachlorobutadiene	ND		ug/kg	340	14.	1
Isopropylbenzene	200		ug/kg	86	9.3	1
p-Isopropyltoluene	260		ug/kg	86	9.3	1
Naphthalene	780		ug/kg	340	56.	1
Acrylonitrile	ND		ug/kg	340	98.	1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS****Lab ID:** L1926005-01**Date Collected:** 06/17/19 08:00**Client ID:** X61-WC_0-7**Date Received:** 06/17/19**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 11234**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tert-Butyl Alcohol	ND		ug/kg	1700	440	1
n-Propylbenzene	540		ug/kg	86	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
1,3,5-Trimethylbenzene	1600		ug/kg	170	16.	1
1,2,4-Trimethylbenzene	4400		ug/kg	170	28.	1
Methyl Acetate	ND		ug/kg	340	81.	1
Acrolein	ND		ug/kg	2100	480	1
Cyclohexane	450	J	ug/kg	860	46.	1
1,4-Dioxane	ND		ug/kg	6800	3000	1
Freon-113	ND		ug/kg	340	59.	1
p-Diethylbenzene	340		ug/kg	170	15.	1
p-Ethyltoluene	3500		ug/kg	170	33.	1
1,2,4,5-Tetramethylbenzene	950		ug/kg	170	16.	1
Ethyl ether	ND		ug/kg	170	29.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	430	120	1
Methyl cyclohexane	760		ug/kg	340	52.	1

Tentatively Identified Compounds

Total TIC Compounds	23700	J	ug/kg			1
Pentane, 2,3,3-trimethyl-	1710	NJ	ug/kg			1
Unknown Benzene	2000	J	ug/kg			1
Unknown Benzene	1700	J	ug/kg			1
Unknown Benzene	2740	J	ug/kg			1
Unknown Benzene	3430	J	ug/kg			1
Benzene, (2-methyl-1-butenyl)-	2450	NJ	ug/kg			1
Unknown	2710	J	ug/kg			1
Unknown Alkane	2500	J	ug/kg			1
Unknown Benzene	1850	J	ug/kg			1
Unknown Aromatic	2570	J	ug/kg			1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/18/19 07:47
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1249805-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/18/19 07:47
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1249805-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	12	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/18/19 07:47
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1249805-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	42	J	ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Acrolein	ND		ug/kg	1200	280
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/18/19 07:47
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1249805-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1249805-3 WG1249805-4								
Methylene chloride	90		94		70-130	4		30
1,1-Dichloroethane	98		103		70-130	5		30
Chloroform	99		104		70-130	5		30
Carbon tetrachloride	114		121		70-130	6		30
1,2-Dichloropropane	96		101		70-130	5		30
Dibromochloromethane	98		92		70-130	6		30
1,1,2-Trichloroethane	96		89		70-130	8		30
Tetrachloroethene	111		105		70-130	6		30
Chlorobenzene	100		104		70-130	4		30
Trichlorofluoromethane	119		124		70-139	4		30
1,2-Dichloroethane	96		102		70-130	6		30
1,1,1-Trichloroethane	108		116		70-130	7		30
Bromodichloromethane	98		90		70-130	9		30
trans-1,3-Dichloropropene	99		90		70-130	10		30
cis-1,3-Dichloropropene	102		88		70-130	15		30
1,1-Dichloropropene	111		116		70-130	4		30
Bromoform	99		104		70-130	5		30
1,1,2,2-Tetrachloroethane	93		97		70-130	4		30
Benzene	100		104		70-130	4		30
Toluene	101		97		70-130	4		30
Ethylbenzene	106		110		70-130	4		30
Chloromethane	96		98		52-130	2		30
Bromomethane	110		111		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1249805-3 WG1249805-4								
Vinyl chloride	116		119		67-130	3		30
Chloroethane	115		119		50-151	3		30
1,1-Dichloroethene	107		115		65-135	7		30
trans-1,2-Dichloroethene	106		112		70-130	6		30
Trichloroethene	103		109		70-130	6		30
1,2-Dichlorobenzene	100		105		70-130	5		30
1,3-Dichlorobenzene	103		108		70-130	5		30
1,4-Dichlorobenzene	101		106		70-130	5		30
Methyl tert butyl ether	101		107		66-130	6		30
p/m-Xylene	108		120		70-130	11		30
o-Xylene	107		120		70-130	11		30
cis-1,2-Dichloroethene	102		107		70-130	5		30
Dibromomethane	97		102		70-130	5		30
Styrene	107		120		70-130	11		30
Dichlorodifluoromethane	112		119		30-146	6		30
Acetone	90		98		54-140	9		30
Carbon disulfide	99		103		59-130	4		30
2-Butanone	87		99		70-130	13		30
Vinyl acetate	96		101		70-130	5		30
4-Methyl-2-pentanone	96		87		70-130	10		30
1,2,3-Trichloropropane	92		99		68-130	7		30
2-Hexanone	96		89		70-130	8		30
Bromochloromethane	101		108		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1249805-3 WG1249805-4								
2,2-Dichloropropane	108		113		70-130	5		30
1,2-Dibromoethane	98		90		70-130	9		30
1,3-Dichloropropane	96		88		69-130	9		30
1,1,1,2-Tetrachloroethane	99		110		70-130	11		30
Bromobenzene	100		104		70-130	4		30
n-Butylbenzene	111		116		70-130	4		30
sec-Butylbenzene	109		115		70-130	5		30
tert-Butylbenzene	109		114		70-130	4		30
o-Chlorotoluene	102		107		70-130	5		30
p-Chlorotoluene	102		107		70-130	5		30
1,2-Dibromo-3-chloropropane	100		106		68-130	6		30
Hexachlorobutadiene	115		120		67-130	4		30
Isopropylbenzene	108		112		70-130	4		30
p-Isopropyltoluene	112		118		70-130	5		30
Naphthalene	109		112		70-130	3		30
Acrylonitrile	98		103		70-130	5		30
Tert-Butyl Alcohol	100		104		70-130	4		30
n-Propylbenzene	105		110		70-130	5		30
1,2,3-Trichlorobenzene	108		112		70-130	4		30
1,2,4-Trichlorobenzene	110		112		70-130	2		30
1,3,5-Trimethylbenzene	105		110		70-130	5		30
1,2,4-Trimethylbenzene	106		112		70-130	6		30
Methyl Acetate	86		92		51-146	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1249805-3 WG1249805-4								
Acrolein	98		100		70-130	2		30
Cyclohexane	107		115		59-142	7		30
1,4-Dioxane	109		95		65-136	14		30
Freon-113	115		122		50-139	6		30
p-Diethylbenzene	112		116		70-130	4		30
p-Ethyltoluene	107		112		70-130	5		30
1,2,4,5-Tetramethylbenzene	110		112		70-130	2		30
Ethyl ether	98		104		67-130	6		30
trans-1,4-Dichloro-2-butene	100		107		70-130	7		30
Methyl cyclohexane	112		119		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	99		90		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	99		101		70-130

SEMIVOLATILES

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/19 12:29
 Analyst: JG
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/18/19 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	280		ug/kg	180	23.	1
Benzidine	ND		ug/kg	730	240	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Azobenzene	ND		ug/kg	220	21.	1
Fluoranthene	3000		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	1800		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	1400		ug/kg	220	77.	1
Butyl benzyl phthalate	4900		ug/kg	220	56.	1
Di-n-butylphthalate	510		ug/kg	220	42.	1
Di-n-octylphthalate	260		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	20.	1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	1400		ug/kg	130	25.	1
Benzo(a)pyrene	1400		ug/kg	180	54.	1
Benzo(b)fluoranthene	1700		ug/kg	130	37.	1
Benzo(k)fluoranthene	650		ug/kg	130	36.	1
Chrysene	1300		ug/kg	130	23.	1
Acenaphthylene	130	J	ug/kg	180	34.	1
Anthracene	490		ug/kg	130	43.	1
Benzo(ghi)perylene	840		ug/kg	180	26.	1
Fluorene	330		ug/kg	220	22.	1
Phenanthrene	2100		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	200		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	870		ug/kg	180	31.	1
Pyrene	2600		ug/kg	130	22.	1
Biphenyl	440	J	ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	230		ug/kg	220	21.	1
2-Methylnaphthalene	3200		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
n-Nitrosodimethylamine	ND		ug/kg	440	43.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS****Lab ID:** L1926005-01**Date Collected:** 06/17/19 08:00**Client ID:** X61-WC_0-7**Date Received:** 06/17/19**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 11234**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	210	J	ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	118000	J	ug/kg			1
Unknown Benzene	3470	J	ug/kg			1
Unknown	7680	J	ug/kg			1
Unknown Benzene	12000	J	ug/kg			1
Unknown Benzene	3210	J	ug/kg			1
Unknown	3020	J	ug/kg			1
Unknown	3670	J	ug/kg			1
Unknown Benzene	7800	J	ug/kg			1
Unknown Alkane	3020	J	ug/kg			1
Unknown Alkane	6310	J	ug/kg			1
Unknown Benzene	8670	J	ug/kg			1
Unknown	6310	J	ug/kg			1
Unknown Alkane	2990	J	ug/kg			1
Unknown Alkane	7670	J	ug/kg			1
Unknown Benzene	3690	J	ug/kg			1
Unknown	9570	J	ug/kg			1
Unknown Benzene	4210	J	ug/kg			1
Toluene	3000	NJ	ug/kg			1
Unknown Alkane	4730	J	ug/kg			1
Unknown Alkane	11200	J	ug/kg			1
Unknown Alkane	5480	J	ug/kg			1

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	64		18-120

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/18/19 09:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/18/19 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1249653-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/18/19 09:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/18/19 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1249653-1					
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	320	31.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/18/19 09:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/18/19 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1249653-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/18/19 09:31
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 06/18/19 00:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1249653-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	87		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1249653-2 WG1249653-3								
Acenaphthene	86		70		31-137	21		50
Benzidine	63		52		10-66	19		50
1,2,4-Trichlorobenzene	81		66		38-107	20		50
Hexachlorobenzene	91		75		40-140	19		50
Bis(2-chloroethyl)ether	85		69		40-140	21		50
2-Chloronaphthalene	89		72		40-140	21		50
3,3'-Dichlorobenzidine	74		60		40-140	21		50
2,4-Dinitrotoluene	104		87		40-132	18		50
2,6-Dinitrotoluene	112		94		40-140	17		50
Azobenzene	90		74		40-140	20		50
Fluoranthene	90		75		40-140	18		50
4-Chlorophenyl phenyl ether	87		71		40-140	20		50
4-Bromophenyl phenyl ether	88		74		40-140	17		50
Bis(2-chloroisopropyl)ether	90		74		40-140	20		50
Bis(2-chloroethoxy)methane	93		78		40-117	18		50
Hexachlorobutadiene	78		64		40-140	20		50
Hexachlorocyclopentadiene	66		53		40-140	22		50
Hexachloroethane	76		63		40-140	19		50
Isophorone	94		77		40-140	20		50
Naphthalene	81		67		40-140	19		50
Nitrobenzene	103		85		40-140	19		50
NDPA/DPA	92		76		36-157	19		50
n-Nitrosodi-n-propylamine	93		77		32-121	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1249653-2 WG1249653-3								
Bis(2-ethylhexyl)phthalate	107		85		40-140	23		50
Butyl benzyl phthalate	99		84		40-140	16		50
Di-n-butylphthalate	98		80		40-140	20		50
Di-n-octylphthalate	106		84		40-140	23		50
Diethyl phthalate	92		76		40-140	19		50
Dimethyl phthalate	93		78		40-140	18		50
Benzo(a)anthracene	90		73		40-140	21		50
Benzo(a)pyrene	98		83		40-140	17		50
Benzo(b)fluoranthene	92		77		40-140	18		50
Benzo(k)fluoranthene	94		79		40-140	17		50
Chrysene	88		72		40-140	20		50
Acenaphthylene	92		76		40-140	19		50
Anthracene	89		73		40-140	20		50
Benzo(ghi)perylene	87		73		40-140	18		50
Fluorene	88		73		40-140	19		50
Phenanthrene	86		71		40-140	19		50
Dibenzo(a,h)anthracene	88		72		40-140	20		50
Indeno(1,2,3-cd)pyrene	91		75		40-140	19		50
Pyrene	90		74		35-142	20		50
Biphenyl	84		68		54-104	21		50
4-Chloroaniline	84		68		40-140	21		50
2-Nitroaniline	113		96		47-134	16		50
3-Nitroaniline	93		76		26-129	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1249653-2 WG1249653-3								
4-Nitroaniline	118		96		41-125	21		50
Dibenzofuran	86		71		40-140	19		50
2-Methylnaphthalene	86		70		40-140	21		50
1,2,4,5-Tetrachlorobenzene	77		63		40-117	20		50
Acetophenone	84		70		14-144	18		50
n-Nitrosodimethylamine	80		66		22-100	19		50
2,4,6-Trichlorophenol	101		83		30-130	20		50
p-Chloro-m-cresol	106	Q	86		26-103	21		50
2-Chlorophenol	90		75		25-102	18		50
2,4-Dichlorophenol	99		82		30-130	19		50
2,4-Dimethylphenol	102		85		30-130	18		50
2-Nitrophenol	125		103		30-130	19		50
4-Nitrophenol	110		91		11-114	19		50
2,4-Dinitrophenol	120		94		4-130	24		50
4,6-Dinitro-o-cresol	135	Q	114		10-130	17		50
Pentachlorophenol	85		72		17-109	17		50
Phenol	87		72		26-90	19		50
2-Methylphenol	95		80		30-130	17		50
3-Methylphenol/4-Methylphenol	99		82		30-130	19		50
2,4,5-Trichlorophenol	102		84		30-130	19		50
Benzoic Acid	62		53		10-110	16		50
Benzyl Alcohol	93		78		40-140	18		50
Carbazole	90		75		54-128	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1249653-2 WG1249653-3								
Atrazine	100		82		40-140	20		50
Benzaldehyde	82		70		40-140	16		50
Caprolactam	117		94		15-130	22		50
2,3,4,6-Tetrachlorophenol	96		79		40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		69		25-120
Phenol-d6	85		71		10-120
Nitrobenzene-d5	104		85		23-120
2-Fluorobiphenyl	83		67		30-120
2,4,6-Tribromophenol	97		79		10-136
4-Terphenyl-d14	84		69		18-120

PCBS

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 06/18/19 15:00
 Analyst: AWS
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/18/19 03:27
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/18/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.2	4.02	1	A
Aroclor 1221	ND		ug/kg	45.2	4.53	1	A
Aroclor 1232	ND		ug/kg	45.2	9.59	1	A
Aroclor 1242	10.2	J	ug/kg	45.2	6.10	1	B
Aroclor 1248	ND		ug/kg	45.2	6.79	1	A
Aroclor 1254	ND		ug/kg	45.2	4.95	1	A
Aroclor 1260	44.9	J	ug/kg	45.2	8.36	1	B
Aroclor 1262	ND		ug/kg	45.2	5.75	1	A
Aroclor 1268	18.5	J	ug/kg	45.2	4.69	1	B
PCBs, Total	73.6	J	ug/kg	45.2	4.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/18/19 13:56
 Analyst: AWS

Extraction Method: EPA 3546
 Extraction Date: 06/17/19 22:32
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/18/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1249623-1						
Aroclor 1016	ND		ug/kg	31.8	2.83	A
Aroclor 1221	ND		ug/kg	31.8	3.19	A
Aroclor 1232	ND		ug/kg	31.8	6.75	A
Aroclor 1242	ND		ug/kg	31.8	4.29	A
Aroclor 1248	ND		ug/kg	31.8	4.78	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.88	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.30	A
PCBs, Total	ND		ug/kg	31.8	2.83	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1249623-2 WG1249623-3									
Aroclor 1016	75		74		40-140	1		50	A
Aroclor 1260	69		68		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		73		30-150	A
Decachlorobiphenyl	83		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		76		30-150	B
Decachlorobiphenyl	89		88		30-150	B

PESTICIDES

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 06/18/19 14:45
 Analyst: BM
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/18/19 09:31
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.417	1	A
Lindane	ND		ug/kg	0.887	0.396	1	A
Alpha-BHC	ND		ug/kg	0.887	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.807	1	A
Heptachlor	ND		ug/kg	1.06	0.477	1	A
Aldrin	ND		ug/kg	2.13	0.749	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.99	1.20	1	A
Endrin	ND		ug/kg	0.887	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.931	1	A
Endrin ketone	ND		ug/kg	2.13	0.548	1	A
Dieldrin	1.79		ug/kg	1.33	0.665	1	A
4,4'-DDE	16.4	IP	ug/kg	2.13	0.492	1	A
4,4'-DDD	6.07	IP	ug/kg	2.13	0.759	1	A
4,4'-DDT	29.2	IP	ug/kg	3.99	1.71	1	A
Endosulfan I	ND		ug/kg	2.13	0.503	1	A
Endosulfan II	ND		ug/kg	2.13	0.711	1	A
Endosulfan sulfate	ND		ug/kg	0.887	0.422	1	A
Methoxychlor	ND		ug/kg	3.99	1.24	1	A
Toxaphene	ND		ug/kg	39.9	11.2	1	A
cis-Chlordane	4.72		ug/kg	2.66	0.741	1	B
trans-Chlordane	2.08	JIP	ug/kg	2.66	0.702	1	A
Chlordane	ND		ug/kg	17.3	7.05	1	A

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	140		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/19 14:07
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 06/17/19 23:19
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1249634-1						
Delta-BHC	ND		ug/kg	1.50	0.294	A
Lindane	ND		ug/kg	0.626	0.280	A
Alpha-BHC	ND		ug/kg	0.626	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.570	A
Heptachlor	ND		ug/kg	0.751	0.337	A
Aldrin	ND		ug/kg	1.50	0.529	A
Heptachlor epoxide	ND		ug/kg	2.82	0.845	A
Endrin	ND		ug/kg	0.626	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.657	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.939	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.536	A
4,4'-DDT	ND		ug/kg	2.82	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.502	A
Endosulfan sulfate	ND		ug/kg	0.626	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.877	A
Toxaphene	ND		ug/kg	28.2	7.89	A
cis-Chlordane	ND		ug/kg	1.88	0.523	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.2	4.98	A

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/18/19 14:07
 Analyst: BM

Extraction Method: EPA 3546
 Extraction Date: 06/17/19 23:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/18/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1249634-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	125		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	111		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1249634-2 WG1249634-3									
Delta-BHC	100		85		30-150	16		30	A
Lindane	94		83		30-150	12		30	A
Alpha-BHC	100		89		30-150	12		30	A
Beta-BHC	84		74		30-150	13		30	A
Heptachlor	92		79		30-150	15		30	A
Aldrin	98		84		30-150	15		30	A
Heptachlor epoxide	100		85		30-150	16		30	A
Endrin	118		97		30-150	20		30	A
Endrin aldehyde	87		75		30-150	15		30	A
Endrin ketone	94		80		30-150	16		30	A
Dieldrin	107		89		30-150	18		30	A
4,4'-DDE	103		85		30-150	19		30	A
4,4'-DDD	98		80		30-150	20		30	A
4,4'-DDT	106		86		30-150	21		30	A
Endosulfan I	92		78		30-150	16		30	A
Endosulfan II	93		78		30-150	18		30	A
Endosulfan sulfate	78		69		30-150	12		30	A
Methoxychlor	91		76		30-150	18		30	A
cis-Chlordane	87		74		30-150	16		30	A
trans-Chlordane	90		78		30-150	14		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1249634-2 WG1249634-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		93		30-150	B
Decachlorobiphenyl	139		113		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		83		30-150	A
Decachlorobiphenyl	123		97		30-150	A

METALS

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**SAMPLE RESULTS**

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6940		mg/kg	10.4	2.81	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Antimony, Total	3.83	J	mg/kg	5.21	0.396	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Arsenic, Total	6.23		mg/kg	1.04	0.217	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Barium, Total	270		mg/kg	1.04	0.181	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Beryllium, Total	0.312	J	mg/kg	0.521	0.034	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Cadmium, Total	1.53		mg/kg	1.04	0.102	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Calcium, Total	13200		mg/kg	10.4	3.64	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Chromium, Total	21.2		mg/kg	1.04	0.100	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Cobalt, Total	5.23		mg/kg	2.08	0.173	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Copper, Total	72.0		mg/kg	1.04	0.269	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Iron, Total	14400		mg/kg	5.21	0.940	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Lead, Total	473		mg/kg	5.21	0.279	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Magnesium, Total	2330		mg/kg	10.4	1.60	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Manganese, Total	249		mg/kg	1.04	0.166	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Mercury, Total	0.314		mg/kg	0.104	0.068	1	06/18/19 16:16	06/18/19 17:21	EPA 7471B	1,7471B	GD
Nickel, Total	18.6		mg/kg	2.60	0.252	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Potassium, Total	1110		mg/kg	260	15.0	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	2.08	0.269	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Silver, Total	0.500	J	mg/kg	1.04	0.295	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Sodium, Total	263		mg/kg	208	3.28	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	2.08	0.328	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Vanadium, Total	22.9		mg/kg	1.04	0.211	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC
Zinc, Total	328		mg/kg	5.21	0.305	2	06/18/19 11:16	06/18/19 13:36	EPA 3050B	1,6010D	LC



Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1249814-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Chromium, Total	0.052	J	mg/kg	0.400	0.038	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Iron, Total	2.04		mg/kg	2.00	0.361	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/18/19 11:16	06/18/19 13:06	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1249980-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/18/19 16:16	06/18/19 17:06	1,7471B	GD



Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1249814-2 SRM Lot Number: D105-540								
Aluminum, Total	69		-		51-149	-		
Antimony, Total	159		-		19-249	-		
Arsenic, Total	94		-		70-130	-		
Barium, Total	98		-		75-125	-		
Beryllium, Total	96		-		75-125	-		
Cadmium, Total	97		-		75-125	-		
Calcium, Total	84		-		73-127	-		
Chromium, Total	87		-		70-130	-		
Cobalt, Total	92		-		75-125	-		
Copper, Total	95		-		75-125	-		
Iron, Total	87		-		38-162	-		
Lead, Total	87		-		71-128	-		
Magnesium, Total	80		-		63-137	-		
Manganese, Total	91		-		76-124	-		
Nickel, Total	92		-		70-131	-		
Potassium, Total	82		-		60-140	-		
Selenium, Total	93		-		63-137	-		
Silver, Total	88		-		69-131	-		
Sodium, Total	99		-		37-162	-		
Thallium, Total	91		-		68-132	-		
Vanadium, Total	88		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1249814-2 SRM Lot Number: D105-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1249980-2 SRM Lot Number: D105-540					
Mercury, Total	89	-	60-141	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249814-3 QC Sample: L1925787-01 Client ID: MS Sample												
Aluminum, Total	7120	168	7170	30	Q	-	-		75-125	-		20
Antimony, Total	1.96J	42	36.0	86		-	-		75-125	-		20
Arsenic, Total	2.32	10.1	12.4	100		-	-		75-125	-		20
Barium, Total	69.9	168	224	92		-	-		75-125	-		20
Beryllium, Total	0.116J	4.2	3.75	89		-	-		75-125	-		20
Cadmium, Total	0.903	4.28	4.64	87		-	-		75-125	-		20
Calcium, Total	4980	840	5430	54	Q	-	-		75-125	-		20
Chromium, Total	9.11	16.8	23.0	83		-	-		75-125	-		20
Cobalt, Total	10.2	42	45.2	83		-	-		75-125	-		20
Copper, Total	64.2	21	81.4	82		-	-		75-125	-		20
Iron, Total	20400B	84	18700	0	Q	-	-		75-125	-		20
Lead, Total	22.7	42.8	61.2	90		-	-		75-125	-		20
Magnesium, Total	3920	840	4450	63	Q	-	-		75-125	-		20
Manganese, Total	278	42	312	81		-	-		75-125	-		20
Nickel, Total	10.5	42	44.8	82		-	-		75-125	-		20
Potassium, Total	1350	840	1980	75		-	-		75-125	-		20
Selenium, Total	ND	10.1	9.04	90		-	-		75-125	-		20
Silver, Total	ND	25.2	23.0	91		-	-		75-125	-		20
Sodium, Total	594	840	1380	94		-	-		75-125	-		20
Thallium, Total	ND	10.1	7.62	76		-	-		75-125	-		20
Vanadium, Total	53.2	42	81.6	68	Q	-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249814-3 QC Sample: L1925787-01 Client ID: MS Sample									
Zinc, Total	42.1	42	75.4	79	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249980-3 QC Sample: L1924816-01 Client ID: MS Sample									
Mercury, Total	1.23	0.186	1.24	5	Q	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249814-4 QC Sample: L1925787-01 Client ID: DUP Sample						
Aluminum, Total	7120	7610	mg/kg	7		20
Antimony, Total	1.96J	0.763J	mg/kg	NC		20
Arsenic, Total	2.32	4.36	mg/kg	61	Q	20
Barium, Total	69.9	94.4	mg/kg	30	Q	20
Beryllium, Total	0.116J	0.115J	mg/kg	NC		20
Cadmium, Total	0.903	0.886	mg/kg	2		20
Calcium, Total	4980	5660	mg/kg	13		20
Chromium, Total	9.11	10.2	mg/kg	11		20
Cobalt, Total	10.2	10.5	mg/kg	3		20
Copper, Total	64.2	78.0	mg/kg	19		20
Iron, Total	20400B	20100	mg/kg	1		20
Lead, Total	22.7	26.8	mg/kg	17		20
Magnesium, Total	3920	4210	mg/kg	7		20
Manganese, Total	278	293	mg/kg	5		20
Nickel, Total	10.5	11.2	mg/kg	6		20
Potassium, Total	1350	1470	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	594	608	mg/kg	2		20

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1926005
Report Date: 06/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249814-4 QC Sample: L1925787-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	53.2	51.5	mg/kg	3	20
Zinc, Total	42.1	44.3	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1249980-4 QC Sample: L1924816-01 Client ID: DUP Sample					
Mercury, Total	1.23	0.489	mg/kg	86	Q 20

INORGANICS & MISCELLANEOUS

Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

SAMPLE RESULTS

Lab ID: L1926005-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 11234

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	06/18/19 01:33	121,2540G	YA
Cyanide, Total	ND		mg/kg	1.3	0.28	1	06/18/19 02:02	06/18/19 11:19	1,9010C/9012B	LH
pH (H)	9.3		SU	-	NA	1	-	06/18/19 00:42	1,9045D	JW
Chromium, Hexavalent	ND		mg/kg	1.10	0.220	1	06/18/19 01:55	06/18/19 08:19	1,7196A	NH



Project Name: KRISTAL AUTO MALL

Lab Number: L1926005

Project Number: 2861.0001Y000

Report Date: 06/18/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1249660-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	06/18/19 01:55	06/18/19 08:19	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1249684-1										
Cyanide, Total	ND		mg/kg	0.88	0.18	1	06/18/19 02:02	06/18/19 10:51	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1249660-2								
Chromium, Hexavalent	85		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1249684-2 WG1249684-3								
Cyanide, Total	68	Q	79	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1249724-1								
pH	99		-		99-101	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249660-4 QC Sample: L1926005-01 Client ID: X61-WC_0-7												
Chromium, Hexavalent	ND	1140	1020	90		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249684-4 WG1249684-5 QC Sample: L1925943-14 Client ID: MS Sample												
Cyanide, Total	0.24J	10	10	94		10	96		75-125	0		35

Lab Duplicate Analysis *Batch Quality Control*

Project Name: KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926005

Report Date: 06/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249629-1 QC Sample: L1926005-01 Client ID: X61-WC_0-7						
Solids, Total	72.8	71.4	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249660-6 QC Sample: L1926005-01 Client ID: X61-WC_0-7						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249724-2 QC Sample: L1926012-01 Client ID: DUP Sample						
pH	8.3	8.2	SU	1		5

Project Name: KRISTAL AUTO MALL**Lab Number:** L1926005**Project Number:** 2861.0001Y000**Report Date:** 06/18/19**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926005-01A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1926005-01B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1926005-01C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1926005-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1926005-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1926005-01F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		HEXCR-7196(30)
L1926005-01G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14)
L1926005-01H	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14)
L1926005-01X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1926005-01Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-JUN-19 00:20	NYTCL-8260HLW(14)
L1926005-01Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-JUN-19 00:20	NYTCL-8260HLW(14)

Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926005
Report Date: 06/18/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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10/17/19

L1926005



ANALYTICAL REPORT

Lab Number:	L1926515
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/21/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1926515-01	X61-WC_0-7	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/17/19 08:00	06/17/19

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

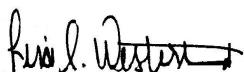
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 06/21/19

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/20/19 15:02
 Analyst: MEO
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	552		mg/kg	32.6	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	81		40-140

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01 D
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/21/19 05:58
 Analyst: LL
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	877000		ug/kg	89600	8980	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	80			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/20/19 15:32
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:02

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01 Batch: WG1250851-1					
Total EPH	ND		mg/kg	23.9	23.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	74		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 06/20/19 22:32
 Analyst: LL

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:14

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01 Batch: WG1250865-1					
DROD (C9-C44)	ND		ug/kg	32000	3200

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926515

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1250851-2 WG1250851-3								
Total EPH	106		97		40-140	9		25
Nonane (C9)	90		82		40-140	9		25
Decane (C10)	100		93		40-140	7		25
Dodecane (C12)	95		86		40-140	10		25
Tetradecane (C14)	94		85		40-140	10		25
Hexadecane (C16)	94		86		40-140	9		25
Octadecane (C18)	95		88		40-140	8		25
Eicosane (C20)	93		86		40-140	8		25
Heneicosane (C21)	92		85		40-140	8		25
Docosane (C22)	92		86		40-140	7		25
Tetracosane (C24)	92		85		40-140	8		25
Hexacosane (C26)	91		85		40-140	7		25
Octacosane (C28)	91		84		40-140	8		25
triacontane (C30)	91		84		40-140	8		25
Dotriacontane (C32)	92		84		40-140	9		25
Tetratriacontane (C34)	90		82		40-140	9		25
Hexatriacontane (C36)	92		83		40-140	10		25
Octatriacontane (C38)	94		85		40-140	10		25
Tetracontane (C40)	95		85		40-140	11		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1250851-2 WG1250851-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	86		78		40-140
o-Terphenyl	86		78		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 Batch: WG1250865-2								
Total Petroleum Hydrocarbons (C9-C44)	70		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	59				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab X61-WC_0-7 Associated sample(s): 01 QC Batch ID: WG1250851-4 QC Sample: L1926515-01 Client ID:												
Total EPH	552	312	779	73		-	-		40-140	-		50
Nonane (C9)	ND	8.67	7.79	90		-	-		40-140	-		50
Decane (C10)	ND	8.67	11.4	132		-	-		40-140	-		50
Dodecane (C12)	ND	8.67	10.2	118		-	-		40-140	-		50
Tetradecane (C14)	ND	8.67	9.41	109		-	-		40-140	-		50
Hexadecane (C16)	ND	8.67	8.03	93		-	-		40-140	-		50
Octadecane (C18)	ND	8.67	7.65	88		-	-		40-140	-		50
Eicosane (C20)	ND	8.67	7.28	84		-	-		40-140	-		50
Heneicosane (C21)	ND	8.67	7.35	85		-	-		40-140	-		50
Docosane (C22)	ND	8.67	7.48	86		-	-		40-140	-		50
Tetracosane (C24)	ND	8.67	7.72	89		-	-		40-140	-		50
Hexacosane (C26)	ND	8.67	7.36	85		-	-		40-140	-		50
Octacosane (C28)	ND	8.67	7.28	84		-	-		40-140	-		50
triacontane (C30)	ND	8.67	7.24	84		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.67	7.93	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.67	7.18	83		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.67	7.36	85		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.67	7.16	83		-	-		40-140	-		50
Tetracontane (C40)	ND	8.67	7.15	83		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	77				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250851-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926515

Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250851-5 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Total EPH	552	559	mg/kg	1		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		77		40-140
o-Terphenyl	81		79		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250865-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
DROD (C9-C44)	877000	1180000	ug/kg	29		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		75		40-140

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/19 20:33

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Barium, TCLP	0.413	J	mg/l	0.500	0.021	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Lead, TCLP	0.326	J	mg/l	0.500	0.027	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/21/19 09:16	06/21/19 12:59	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1251341-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/19/19 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1251395-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/21/19 09:16	06/21/19 12:56	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/19/19 20:33

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1251341-2								
Arsenic, TCLP	101		-		75-125	-		20
Barium, TCLP	90		-		75-125	-		20
Cadmium, TCLP	96		-		75-125	-		20
Chromium, TCLP	91		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Selenium, TCLP	101		-		75-125	-		20
Silver, TCLP	91		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1251395-2								
Mercury, TCLP	94		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251341-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7												
Arsenic, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Barium, TCLP	0.413J	20	19.5	98		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.517	101		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.89	94		-	-		75-125	-		20
Lead, TCLP	0.326J	5.1	5.33	104		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.478	96		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251395-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7												
Mercury, TCLP	ND	0.025	0.0238	95		-	-		80-120	-		20

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251341-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.413J	0.423J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.326J	0.323J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251395-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926515-01
Client ID: X61-WC_0-7
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
Date Received: 06/17/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/20/19 04:58	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1926515

Project Number: 2861.0001Y000

Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926515-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	06/18/19 01:33	121,2540G	YA
pH (H)	9.3		SU	-	NA	1	-	06/18/19 00:42	1,9045D	JW
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:41	125,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:35	125,7.3	TL



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1250612-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:33	125,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1250621-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:39	125,7.3	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250612-2								
Sulfide, Reactive	101		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250621-2								
Cyanide, Reactive	117		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250626-1								
pH	99		-		99-101	-		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249629-1 QC Sample: L1926005-01 Client ID: DUP Sample						
Solids, Total	72.8	71.4	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250612-3 QC Sample: L1926217-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250621-3 QC Sample: L1926217-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250626-2 QC Sample: L1900006-93 Client ID: DUP Sample						
pH	8.3	8.2	SU	1		5

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06211914:39
Lab Number: L1926515
Report Date: 06/21/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926515-01A	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT1(14),PH-9045(1),TPH-DROD-C44(14),REACTCN(14)
L1926515-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1926515-01X9	Tumble Vessel	A	NA		2.3	Y	Absent		-

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **12**

Published Date: 10/9/2018 4:58:19 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO₃-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH₃-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO₃-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO₄-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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ANALYTICAL REPORT

Lab Number:	L1926515
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/21/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1926515-01	X61-WC_0-7	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/17/19 08:00	06/17/19

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

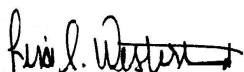
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 06/21/19

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 06/20/19 15:02
 Analyst: MEO
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	552		mg/kg	32.6	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	81		40-140

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01 D
 Client ID: X61-WC_0-7
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
 Date Received: 06/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/21/19 05:58
 Analyst: LL
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	877000		ug/kg	89600	8980	2
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	80			40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 06/20/19 15:32
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/20/19 09:02

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01 Batch: WG1250851-1					
Total EPH	ND		mg/kg	23.9	23.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	74		40-140
o-Terphenyl	74		40-140

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 06/20/19 22:32
 Analyst: LL

Extraction Method: EPA 3546
 Extraction Date: 06/20/19 09:14

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01 Batch: WG1250865-1					
DROD (C9-C44)	ND		ug/kg	32000	3200

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926515

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1250851-2 WG1250851-3								
Total EPH	106		97		40-140	9		25
Nonane (C9)	90		82		40-140	9		25
Decane (C10)	100		93		40-140	7		25
Dodecane (C12)	95		86		40-140	10		25
Tetradecane (C14)	94		85		40-140	10		25
Hexadecane (C16)	94		86		40-140	9		25
Octadecane (C18)	95		88		40-140	8		25
Eicosane (C20)	93		86		40-140	8		25
Heneicosane (C21)	92		85		40-140	8		25
Docosane (C22)	92		86		40-140	7		25
Tetracosane (C24)	92		85		40-140	8		25
Hexacosane (C26)	91		85		40-140	7		25
Octacosane (C28)	91		84		40-140	8		25
triacontane (C30)	91		84		40-140	8		25
Dotriacontane (C32)	92		84		40-140	9		25
Tetratriacontane (C34)	90		82		40-140	9		25
Hexatriacontane (C36)	92		83		40-140	10		25
Octatriacontane (C38)	94		85		40-140	10		25
Tetracontane (C40)	95		85		40-140	11		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 Batch: WG1250851-2 WG1250851-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	86		78		40-140
o-Terphenyl	86		78		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 Batch: WG1250865-2								
Total Petroleum Hydrocarbons (C9-C44)	70		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	59				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1926515**Report Date:** 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab X61-WC_0-7 Associated sample(s): 01 QC Batch ID: WG1250851-4 QC Sample: L1926515-01 Client ID:												
Total EPH	552	312	779	73		-	-		40-140	-		50
Nonane (C9)	ND	8.67	7.79	90		-	-		40-140	-		50
Decane (C10)	ND	8.67	11.4	132		-	-		40-140	-		50
Dodecane (C12)	ND	8.67	10.2	118		-	-		40-140	-		50
Tetradecane (C14)	ND	8.67	9.41	109		-	-		40-140	-		50
Hexadecane (C16)	ND	8.67	8.03	93		-	-		40-140	-		50
Octadecane (C18)	ND	8.67	7.65	88		-	-		40-140	-		50
Eicosane (C20)	ND	8.67	7.28	84		-	-		40-140	-		50
Heneicosane (C21)	ND	8.67	7.35	85		-	-		40-140	-		50
Docosane (C22)	ND	8.67	7.48	86		-	-		40-140	-		50
Tetracosane (C24)	ND	8.67	7.72	89		-	-		40-140	-		50
Hexacosane (C26)	ND	8.67	7.36	85		-	-		40-140	-		50
Octacosane (C28)	ND	8.67	7.28	84		-	-		40-140	-		50
triacontane (C30)	ND	8.67	7.24	84		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.67	7.93	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.67	7.18	83		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.67	7.36	85		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.67	7.16	83		-	-		40-140	-		50
Tetracontane (C40)	ND	8.67	7.15	83		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	77				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250851-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926515

Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250851-5 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Total EPH	552	559	mg/kg	1		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		77		40-140
o-Terphenyl	81		79		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250865-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
DROD (C9-C44)	877000	1180000	ug/kg	29		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		75		40-140

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1926515**Project Number:** 2861.0001Y000**Report Date:** 06/21/19**SAMPLE RESULTS**

Lab ID: L1926515-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/19/19 20:33

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Barium, TCLP	0.413	J	mg/l	0.500	0.021	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Lead, TCLP	0.326	J	mg/l	0.500	0.027	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/21/19 09:16	06/21/19 12:59	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/19 07:34	06/21/19 10:28	EPA 3015	1,6010D	LC



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1251341-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/21/19 07:34	06/21/19 10:18	1,6010D	LC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/19/19 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1251395-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/21/19 09:16	06/21/19 12:56	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/19/19 20:33

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1251341-2								
Arsenic, TCLP	101		-		75-125	-		20
Barium, TCLP	90		-		75-125	-		20
Cadmium, TCLP	96		-		75-125	-		20
Chromium, TCLP	91		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Selenium, TCLP	101		-		75-125	-		20
Silver, TCLP	91		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1251395-2								
Mercury, TCLP	94		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251341-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7												
Arsenic, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Barium, TCLP	0.413J	20	19.5	98		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.517	101		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.89	94		-	-		75-125	-		20
Lead, TCLP	0.326J	5.1	5.33	104		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.478	96		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251395-3 QC Sample: L1926515-01 Client ID: X61-WC_0-7												
Mercury, TCLP	ND	0.025	0.0238	95		-	-		80-120	-		20

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251341-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.413J	0.423J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.326J	0.323J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1251395-4 QC Sample: L1926515-01 Client ID: X61-WC_0-7						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926515-01
Client ID: X61-WC_0-7
Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/17/19 08:00
Date Received: 06/17/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/20/19 04:58	1,1030	GD



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1926515

Project Number: 2861.0001Y000

Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926515-01

Date Collected: 06/17/19 08:00

Client ID: X61-WC_0-7

Date Received: 06/17/19

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	06/18/19 01:33	121,2540G	YA
pH (H)	9.3		SU	-	NA	1	-	06/18/19 00:42	1,9045D	JW
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:41	125,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:35	125,7.3	TL



Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1926515

Project Number: 2861.0001Y000

Report Date: 06/21/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1250612-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:33	125,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1250621-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/19/19 20:10	06/19/19 22:39	125,7.3	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1926515

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250612-2								
Sulfide, Reactive	101		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250621-2								
Cyanide, Reactive	117		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1250626-1								
pH	99		-		99-101	-		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1926515
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1249629-1 QC Sample: L1926005-01 Client ID: DUP Sample						
Solids, Total	72.8	71.4	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250612-3 QC Sample: L1926217-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250621-3 QC Sample: L1926217-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1250626-2 QC Sample: L1900006-93 Client ID: DUP Sample						
pH	8.3	8.2	SU	1		5

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Serial_No:06211914:39
Lab Number: L1926515
Report Date: 06/21/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926515-01A	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT1(14),PH-9045(1),TPH-DROD-C44(14),REACTCN(14)
L1926515-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1926515-01X9	Tumble Vessel	A	NA		2.3	Y	Absent		-

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1926515
Report Date: 06/21/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1926515 JM 6/19/19

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9153		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 6/17/19		ALPHA Job # L1926515	
Client Information Client: <u>ROUX ASSOCIATES</u> Address: <u>209 Shaker St.</u> <u>Islandia, NY 11749</u> Phone: <u>631-442-3270</u> Fax: _____ Email: <u>WShenad@rouxinc.com</u>		Project Information Project Name: <u>KInstal Auto Mall</u> Project Location: <u>5200 Kings Highway Brooklyn NY</u> Project # <u>2861.00014000</u> 11634 (Use Project name as Project #) ☐ Project Manager: <u>Wendy Shen</u> ALPHAQuote #: _____ Turn-Around Time Standard ☐ Rush (only if pre approved) ☒ Due Date: <u>1 DAY TAT</u> # of Days: _____		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other _____		Billing Information ☒ Same as Client Info PO # _____			
These samples have been previously analyzed by Alpha ☐		Other project specific requirements/comments: _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other _____ ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities: Disposal Facility: _____ ☐ NJ ☐ NY ☐ Other: _____			
Please specify Metals or TAL. _____		TPH-DROD-C44, WASTE-CHAR, TCLP-RCRA8 and NJEPH-TPH-CAT1		ANALYSIS TPH-DROD-C44 WASTE-CHAR TCLP-RCRA8 NJEPH-TPH-CAT1		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)		Total Bottles 8	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix Sampler's Initials			ANALYSIS Results
26515-		XUE1-WC-0-7		6/17/19 8:00		S VC		TPH-DROD-C44 WASTE-CHAR TCLP-RCRA8 NJEPH-TPH-CAT1	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: <u>Victoria Cuccinno</u> <u>Wendy Shen</u> <u>PS.</u>		Date/Time <u>6/17/19 9:51</u> <u>6/17/19 16:35</u> <u>6/17/19 20:30</u>		Received By: <u>Brian Schen AAL</u> <u>PS.</u> <u>CLL</u>		Date/Time <u>6/17/19 9:51</u> <u>6/17/19 16:45</u> <u>6/17/19 20:30</u>	



ANALYTICAL REPORT

Lab Number:	L1927929
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	06/28/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927929-01	X46-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/19 10:45	06/26/19
L1927929-02	X57-WC (9-19)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	06/26/19 10:55	06/26/19

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

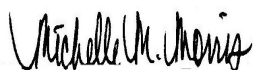
Petroleum Hydrocarbon Quantitation

L1927929-01 and -02: The surrogate recovery is below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

WG1253592: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the Matrix Spike and Laboratory Duplicate results could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 06/28/19

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1927929**Project Number:** 2861.0001Y000**Report Date:** 06/28/19**SAMPLE RESULTS**

Lab ID: L1927929-01 D
 Client ID: X46-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/19 10:45
 Date Received: 06/26/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/28/19 10:07
 Analyst: LL
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 06/27/19 12:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH	12600000		ug/kg	6050000	696000	50
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1927929**Project Number:** 2861.0001Y000**Report Date:** 06/28/19**SAMPLE RESULTS**

Lab ID: L1927929-02 D
 Client ID: X57-WC (9-19)
 Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Date Collected: 06/26/19 10:55
 Date Received: 06/26/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8015D(M)
 Analytical Date: 06/28/19 11:13
 Analyst: LL
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 06/27/19 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH	14500000		ug/kg	2000000	231000	50
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	0		Q	40-140		

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 06/27/19 07:00
Analyst: LL

Extraction Method: EPA 3546
Extraction Date: 06/26/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-02 Batch: WG1253592-1					
TPH	3830	J	ug/kg	32400	3720

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1927929**Report Date:** 06/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-02 Batch: WG1253592-2								
TPH	110		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	80				40-140

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1927929**Report Date:** 06/28/19**SAMPLE RESULTS****Lab ID:** L1927929-01**Client ID:** X46-WC (9-19)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/26/19 10:45**Date Received:** 06/26/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	06/27/19 01:09	121,2540G	YA
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	06/27/19 19:57	1,9095B	AS



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1927929**Report Date:** 06/28/19**SAMPLE RESULTS****Lab ID:** L1927929-02**Client ID:** X57-WC (9-19)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 06/26/19 10:55**Date Received:** 06/26/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	06/27/19 01:09	121,2540G	YA
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	06/27/19 19:57	1,9095B	AS



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1927929**Report Date:** 06/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1253621-1 QC Sample: L1927875-01 Client ID: DUP Sample						
Solids, Total	94.8	94.2	%	1		20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1927929**Project Number:** 2861.0001Y000**Report Date:** 06/28/19**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1927929-01A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TS(7)
L1927929-01B	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-01C	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-01D	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-01E	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-01F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		PAINTF()
L1927929-02A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TS(7)
L1927929-02B	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-02C	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-02D	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-02E	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TPH-DRO-D(14)
L1927929-02F	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		PAINTF()

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1927929
Report Date: 06/28/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA JOB #
L1927929

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)



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SOIL BORING LOG

WELL NO. 1	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		Brown, medium to fine SAND, some Gravel, trace silt (FILL); moist.			3.5' of recovery. Soil Sample 1/2-WC (0-12) taken for Part 375 list parameters.
5		Dark brown, medium to fine SAND, some Gravel, trace silt (FILL); moist.		0.1	Recovery not noted.
		Brown, medium to fine SAND, some Gravel, little Silt (FILL); moist.		2.1	Soil Sample 1-WC (7-8) taken for Part 375 list parameters.
10		Dark gray to gray, fine to coarse SAND, some fine Gravel, little Silt, trace brick (FILL); moist.			Recovery not noted.
		Dark gray to gray, fine to coarse SAND, some Gravel, little Silt; wet.		0.1	Soil Sample 1-EP (12-13) taken for Part 375 list parameters.
15		Brown, fine to coarse SAND, some gravel, little Silt; wet.			Soil Sample 1-EP (15-16) taken for Part 375 list parameters kept on HOLD.
		Brown, fine to coarse SAND, some gravel, little Silt; wet.		0.2	End of boring at 20' bls.
20					

BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



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SOIL BORING LOG

WELL NO. 2	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA South Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil sample 1/2-WC(0-12) taken for part 375 list parameters.
5		Brown, SILT, some fine to coarse Sand, little Gravel, Brick, Concrete (FILL); moist.			
		Brown, SILT, some fine to coarse Sand, little Gravel and Brick and Concrete (FILL); moist.			Recovery not noted.
		Shredded rubber (FILL); moist.	0.1		
		Dark gray to gray, fine to coarse SAND, some fine Gravel, little Silt, trace brick (FILL); moist.	0.2		
10		Dark gray to gray, fine to coarse SAND, some fine Gravel, little Silt, trace brick (FILL); wet.			3.5' recovery.
		Dark gray to gray, fine to coarse SAND, some fine Gravel, little Silt, trace brick (FILL); wet.	0.1		
		Dark gray, fine SAND and SILT, some medium to coarse Sand, little Gravel, trace clay; wet.	0.2		Soil sample 2-EP (12-13) taken for Part 375 list parameters.
		Dark gray, SILT, some fine Sand, little Clay; wet.			End of boring at 15' bls.
15					

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SOIL BORING LOG

WELL NO. 3	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA South Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil Sample 3/4-WC (0-10) taken for Part 375 list parameters.
5		Brown, fine to medium SAND, some medium Sand, little Silt, trace brick (FILL); moist.	0.0		
		Brown, fine SAND, some medium Sand, little Silt and Cobble, trace concrete (FILL); moist.	0.0		2.5' recovery.
10		Brown to gray, fine to coarse SAND, some fine Gravel, little Silt (FILL); wet.			
		Dark gray, SILT, some fine to medium Sand, little Clay; wet.	0.0		1.5' recovery. Soil sample 3-EP (10-11) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 4	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3.5' recovery. Soil sample 3/4-WC (0-10) and 4-WC (0-1) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt and coarse Sand, little Brick (FILL); moist.			
		Brown, fine to medium SAND and SILT, some coarse Sand, little Brick (FILL); moist.		0.3	
		Brown, fine to medium SAND and SILT, some coarse Sand, little Brick (FILL); moist.		0.0	
5		Brown, fine to medium SAND and SILT, some coarse Sand, little Brick (FILL); moist.			3' recovery.
		Brown, fine SAND, some medium Sand and Silt, little Gravel (FILL); moist.		0.1	
		Dark gray to brown, fine to coarse SAND, some Gravel, little Silt, trace black coal (FILL); moist.			
10		Dark brown, fine to medium SAND, little coarse Sand; wet.			4' recovery. Soil sample 4-EP(10-11) taken for part 375 list parameters.
		Dark gray to light brown, SILT, some fine to medium Sand, little Clay; wet.		0.2	
				0.1	End of boring at 15' bls.
15					

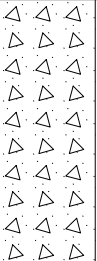
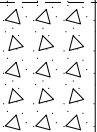
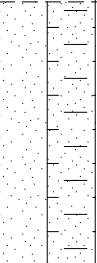
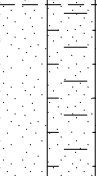
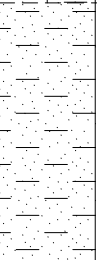
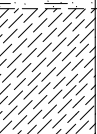
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SOIL BORING LOG

WELL NO. 5	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA SE Corner		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/18/18-6/18/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			29" recovery. Soil sample 5/6-WC (0-12) taken for part 375 list parameters.
		Dark brown, fine to medium SAND, some Silt, little coarse Sand and Brick (FILL); moist.		0.1	
5		Dark brown, fine to medium SAND, some Silt, little coarse Sand and Brick (FILL); moist.		0.2	Soil sample 5-WC (4-5) taken for part 375 list parameters.
		Brown, fine SAND, some Silt, trace coarse sand; moist.		0.1	3' recovery.
		Brown, fine SAND, some Silt, trace coarse sand; moist.		0.1	
10		Brown, SILT, some fine Sand, trace gravel; wet.		0.1	3' recovery. Organic odor from 10'-13' bls.
		Dark brown, SILT, some fine Sand, little Organics; moist.		0.2	Soil sample 5-EP (10-11) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 6	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			No recovery noted. Soil sample 5/6-WC (0-12) taken for part 375 list parameters.
5		Dark brown, fine to medium SAND, some Silt, little Gravel, trace brick (FILL); moist.		0.1	
		Dark brown, fine to medium SAND, some Silt, some Tile, Brick, Concrete and Glass, little fine to coarse Gravel (FILL); moist.		0.2	8" of recovery.
10		Grayish brown, fine SAND, some Silt, some Glass and Brick, little fine Gravel, trace shells (FILL); wet.		0.1	24" recovery.
		Dark brown, SILT, some fine Sand, little Organics; wet.		0.2	Soil sample 6-EP (12-13) taken for part 375 list parameters.
15					4' recovery. Organic smell from 12' to 15' bls. End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 7	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			2' recovery. Soil sample 7/8-WC (0-12) taken for part 375 list parameters.
5		Grayish brown to red, fine to medium SAND, some Silt and Brick (FILL); moist.		0.1	
		Brown, fine to coarse SAND, some Silt and fine to coarse Gravel, little Concrete (FILL); moist.		0.1	2' recovery.
		Gray, medium to coarse SAND, some Silt and fine to coarse Gravel (FILL); dry.		0.1	
		Brown, fine SAND, some Silt, trace fine gravel (FILL); moist.			
10		Dark brown to gray, fine to coarse SAND, some fine Gravel, trace shells (FILL); moist.		0.1	
		Brown, medium to coarse SAND, some fine to coarse Gravel, little Concrete (FILL); moist.		0.1	4' recovery.
		Grayish brown, fine to medium SAND, some Silt, little fine to coarse Gravel, Concrete, and Glass (FILL); wet.		0.1	Soil sample 7-EP (12-13) taken for part 375 list parameters.
		Dark brown, medium to coarse SAND, some Silt; moist.		0.1	
		Dark brown, SILT, some fine Sand, little Organics; moist.		0.1	Organic odor from 13.5' to 14.5' bls.
15		Brown, fine to coarse SAND, some medium to coarse Gravel and Silt; moist.			
					Boring ends at 16' bls.

BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



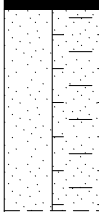
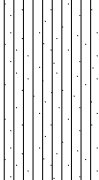
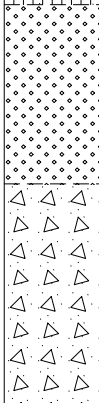
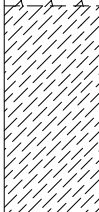
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SOIL BORING LOG

WELL NO. 8	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA South side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' Recovery. Soil sample 7/8-WC (0-12) and 8-WC (0-1) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, trace fine gravel; moist.			
		Dark brown, fine to coarse SAND, some Silt, Glass, and Brick, trace fine gravel (FILL); moist.		0.1	
		Brown, SILT, some fine Sand, trace coarse gravel; moist.		0.1	
5		Reddish brown, SILT, some fine Sand; moist.		0.1	32" recovery.
		Dark brown to gray, fine to coarse SAND; moist.		0.2	
10		Brown to gray, medium to coarse SAND, some Silt, Concrete, Shells, and brick (FILL); wet.		0.2	4' recovery.
		Dark brown, SILT, little fine Sand and Organics; moist.		0.2	Soil sample 8-EP (12-13) taken for part 375 list parameters. Organic odor apparent from 12.5' to 15' bls.
15				0.1	End of boring at 15' bls.

BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



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SOIL BORING LOG

WELL NO. 9	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA South side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/18/18-6/18/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		Brown, fine to coarse SAND, some Silt, trace brick (FILL); moist.			30" recovery. Soil sample 9/10-WC (0-12) and 9-WC (0-1) taken for part 375 list parameters.
		Brown, fine to coarse SAND, some Silt, trace fine gravel and concrete (FILL); moist.		0.1	
5		Brown, fine to coarse SAND, some Silt and fine to coarse gravel, trace plaster (FILL); moist.			22' recovery.
				0.2	
10		Grayish brown, medium to coarse SAND, some Silt, trace fine to coarse gravel; wet.			4' recovery.
				0.1	Soil sample 9-EP (12-13) taken for part 375 list parameters.
		Dark brown, SILT, little fine Sand and Organics; wet.		0.1	Organic odor present 13.5' to 15' bls.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 10	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA South side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil sample 9/10-WC (0-12) taken for part 375 list parameters.
5		Reddish brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace concrete, brick, and shell (FILL); moist.	0.1		
		Reddish brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace debris concrete, brick, and charcoal (FILL); moist.	0.1		2' recovery.
10		Reddish brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace debris concrete, brick, charcoal (FILL); wet	0.1		4' recovery.
		Dark brown, SILT, little fine Sand and Organics; wet.			Soil sample 10-EP (12-13) taken for part 375 list parameters. Organic odor present 12.5' to 15' bls.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 11	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA South side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil sample 11/12-WC (0-12) taken for part 375 list parameters.
5		Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel, trace concrete, brick, and charcoal (FILL); moist.	0.2		
10		Brown to gray, fine to coarse SAND, some Silt, some fine to coarse Gravel, Concrete, Charcoal, and Brick (FILL); moist.	0.2		No recovery noted. Concrete lense at 5'6" bls.
15		Brown to gray, fine to coarse SAND, some Silt, fine to coarse Gravel, Concrete, and Brick (FILL); moist.	4.3		2' recovery. Soil sample 11-EP (11-12) taken for part 375 list parameters.
		Dark brown, medium SAND, some Organics (wood), little Metal (FILL); wet.			End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 12	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			54" recovery. Soil sample 11/12-WC (0-12) and 12-WC (0-1) taken for part 375 list parameters.
5		Brown, fine to coarse SAND, some Silt and fine to coarse Gravel, trace concrete, charcoal, brick, and glass (FILL); moist.		0.1	
		Brown, SILT, some fine to coarse Sand and fine to coarse Gravel, trace ceramics and glass (FILL); moist.		0.2	38" recovery.
10		Brown, medium to coarse SAND, some Silt, little fine to coarse Gravel, trace ceramics and glass (FILL); wet.		0.1	No recovery noted.
		Dark brown, SILT, some fine Sand, little coarse Gravel; wet.		0.1	Soil sample 12-EP (12-13) taken for part 375 list parameters.
		Brown to gray, coarse SAND, some Silt, trace ceramic; wet.			
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 13	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720Dt / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, trace fine gravel (FILL); moist.			Sample bagn at parking lot grade (2.5' below platform). Soil sample 13/14-WC (0-10) taken for part 375 list parameters.
		Brown, SILT, some fine Sand, little fine to coarse Gravel; moist.			4' recovery.
5		Brown, fine to medium SAND, some Silt, Concrete, and Brick (FILL); moist.			45" recovery.
		Brown to dark brown, SILT, some fine Sand and Organics; wet.			Soil sample 13-EP (8-9) taken for part 375 list parameters.
10		Brown, medium to coarse SAND, some Silt, trace fine gravel; moist.			
		Brown to dark brown, SILT, some fine Sand and Organics; wet.			Soil sample 13-EP (14-15) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 14	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/20/18-6/20/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			38" recovery. Soil Sample 13/14 (0-10) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, Clay, Asphalt, and Brick, little fine to coarse Gravel (FILL); moist.			
5		Brown, fine to medium SAND, some Silt, Charcoal, Brick, and Clay (FILL); moist.			32" recovery. Soil sample 14-WC (5-6) taken for part 375 list parameters.
		Grayish brown, fine SAND, some Silt; moist.			
		Light brown, medium to coarse SAND, some Silt, trace fine gravel; moist.			
10		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.			Soil sample 14-EP (9-10) taken for part 375 list parameters.
		Dark brown, CLAY, some fine Sand; wet.			4' recovery.
		Grayish brown, fine SAND, some Silt, little coarse Sand; wet.			
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 15	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY J. Michaels			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro		GEOGRAPHIC AREA SW Corner		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/18/18-6/18/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil Sample 15/16-WC (0-10) taken for part 375 list parameters.
		Brown, medium to fine SAND, some gravel, little Asphalt and Brick (FILL); moist.			
					
					
					
					
					
					
					
5					
		Brown, fine to coarse SAND, some Silt, little Gravel (FILL); moist.			3' recovery.
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
10		Dark brown, fine to coarse SAND, some Silt, little Gravel; moist.			

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SOIL BORING LOG

WELL NO. 16	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA South Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/18/18-6/18/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			
		Brown, fine to coarse SAND, some Silt and Gravel, little Asphalt, trace brick and concrete (FILL); moist.			2.5' recovery. Soil sample 15/16-WC (0-10) and 16-WC (0-1) taken for part 375 list parameters.
5		Brown, fine to coarse SAND, some Silt and Gravel, little Brick, trace glass (FILL); moist.		0.2	Recovery not recorded.
10		Dark brown, fine to coarse SAND, some Silt, little Gravel (FILL); wet.		0.2	
		Brown, fine to coarse SAND, some Gravel, little Silt; wet.			Recovery not recorded. Soil Sample 16-EP (10-11) taken for Part 375 list parameters.
		Dark gray to gray, fine SAND and SILT; wet.		0.1	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 17	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA South Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to meduim SAND, some Silt, Charcoal, Brick, and Concrete, little fine Gravel (FILL); moist.			23" recovery. Soil sample 17/27-WC (0-11) taken for part 375 list parameters.
5		Brown, medium to coarse SAND, some Silt, little fine Gravel, Concrete, and Brick (FILL); moist.		0.3	36" recovery.
		BRICK (FILL).		0.3	
10		Brown, medium to coarse SAND, some Silt, little fine Gravel, Concrete, and Brick (FILL); moist.			
		Brown, medium SAND, some Silt, little Concrete and Brick (FILL); wet.		0.3	44" recovery.
		Dark brown, fine to medium SAND; wet.		0.3	
15		Brown, medium to coarse SAND, little fine Gravel; wet.		0.4	Soil sample 17-EP(13-14) taken for part 375 list parameters.
		Brown, coarse SAND, little fine Gravel; wet.		0.4	5' recovery.
		Brown, medium to coarse SAND, little fine Gravel; wet.		0.3	
20				0.3	End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 20	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND and SILT, some fine Gravel, little Concrete, trace brick (FILL); moist.			3' recovery. Soil sample 20/30-WC (0-9) taken for part 375 list parameters.
		Dark brown, fine to medium SAND and SILT, little fine Gravel, trace brick and asphalt (FILL); moist.		0.5	
		Brown to light brown, fine to medium SAND, some Silt, little fine Gravel, trace concrete (FILL); moist.		0.1	
5		Gray, medium to coarse SAND and GRAVEL, some Silt, little Concrete (FILL); moist.			4' recovery.
		Gray to dark brown, fine to medium SAND and SILT, trace fine gravel; wet.		0.0	Soil sample 20-EP (8-9) taken for part 375 list parameters.
10		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.			4' recovery.
				0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 21	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/26/18-6/26/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, medium to fine SAND, some Silt, little Gravel, trace asphalt and brick (FILL); moist.			2' recovery. Soil sample 21-WC (0-8) taken for part 375 list parameters.
5		Light brown to dark brown, medium to fine SAND, some Silt, little Gravel, trace brick (FILL); moist.		0.2	3' recovery.
		Brown, medium to fine SAND and SILT, little fine Gravel, trace glass (FILL), wet.		1.2	Soil sample 21-WC (7-8) taken for part 375 list parameters.
		Dark brown to brown, medium to fine SAND and SILT, trace fine gravel; wet.		0.6	Soil sample 21-EP (8-9) taken for part 375 list parameters.
10		Brown, fine to coarse SAND, some Silt, little fine Gravel; wet.		1.4	3' recovery.
15				0.0	End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 22	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA East Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			30" recovery.
		Brown, fine to medium SAND, some Silt and Brick, trace fine gravel (FILL); moist.			
		CONCRETE.			
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel; moist.		0.2	
5		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, Brick, Asphalt, and Concrete (FILL); moist.			30" recovery.
				0.0	Soil sample 22/31-WC (0-11) taken for part 375 list parameters.
		CONCRETE.			
10		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, Brick, Asphalt, and Concrete (FILL); moist.			43" recovery.
		Brown, fine to medium SAND, some Silt, trace fine gravel; wet.			Soil sample 22-EP (11-12) taken for part 375 list parameters.
		Light brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.2	
					Soil sample X22-EP (14-15) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 23	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA East Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, Rebar, and Glass, little fine to coarse Gravel (FILL); moist.			2' recovery.
5		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, Rebar, and Glass, little fine to coarse Gravel (FILL); moist.		0.6	Soil sample 23-WC (1-2) taken for part 375 list parameters.
10		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, Rebar, and Glass, little fine to coarse Gravel (FILL); wet.		0.3	30" recovery. Soil sample 23/33 WC (0-11) taken for part 375 list parameters. Soil sample 23/24-WC (0-11) taken for part 375 list parameters.
		Brown to gray, CLAY, some fine Sand; wet.			34" recovery. Soil Sample 23-EP (10-11) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt; wet.		0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 24	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Crushed concrete with wire reinforcement (FILL).			1.5' recovery. Soil sample 24/23-WC (0-11) taken for part 375 list parameters.
5		Brown to dark brown, medium to coarse SAND, some fine Sand and Gravel, little Asphalt and Concrete (FILL); moist.	0.1		
		Dark brown, medium to fine SAND and SILT, little fine Gravel, trace wood (FILL); moist.	0.1		2' recovery.
10		Gray, medium to coarse SAND, some fine Sand and Gravel, little Asphalt (FILL); moist.	0.1		
		Dark gray, medium to coarse SAND, some fine Sand and Gravel, little Asphalt (FILL); moist.	0.2		4' recovery.
		Dark brown to brown, medium to fine SAND and SILT, some coarse Sand and fine Gravel; wet.	0.1		Soil sample 24-EP (11-12) taken for part 375 list parameters.
15		Brown, medium to fine SAND and SILT, little Gravel; wet.	0.1		End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 25	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Crushed concrete with wire reinforcement (FILL).			3' recovery. Soil sample 25/26 -WC (0-10) taken for part 375 list parameters.
5		Brown, fine to coarse SAND, some Silt and Gravel, little Asphalt and Brick (FILL); moist.		0.0	
		Brown, fine to coarse SAND, some Gravel and Silt, trace asphalt, brick, and fabric (FILL); wet.		0.0	Recovery not noted.
10		Dark brown to grey, fine to coarse SAND, some Gravel and Silt, trace asphalt and brick; wet.		0.0	Recovery not noted. Soil sample 25-EP (10-11) taken for part 375 list parameters.
		Grey to brown, fine to coarse SAND, little medium Sand and Silt, trace gravel; wet.			
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 26	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/18/18-6/18/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			2' recovery. Soil sample 26-WC (0-1) at 1520 for part 375 list parameters. Soil sample 25/26-WC (0-10) taken for part 375 sample parameters.
0.1		Brown, fine to coarse SAND, some Silt and gravel, little Asphalt and Brick (FILL); moist.			
5		Brown, fine to medium SAND and SILT, some coarse Sand, little Brick (FILL); moist.			
5		Brown, fine to medium SAND and SILT, some coarse Sand, little Brick and crushed Concrete (FILL); moist.			Recovery not noted.
10		Dark brown, fine to coarse SAND, some Silt, little Gravel (FILL); wet.			
10		Dark brown GRAVEL, some medium to coarse Sand, trace asphalt and brick (FILL); wet.			Recovery not noted. Soil sample 26-EP (10-11) taken for Part 375 list parameters.
		Dark brown to brown, fine SAND, little medium Sand; wet.			
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 27	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, little fine Gravel, Concrete, and Brick; moist.			16" recovery. Soil sample 17/27-WC (0-11) taken for part 375 list parameters.
				0.4	
		BRICK (FILL).			
5				0.4	20" recovery.
		Brown, fine to medium SAND, some Silt, Brick, Glass, Charcoal, and Wood, little fine to coarse Gravel (FILL); moist.			
10					
		Dark brown, fine to medium SAND, some Silt, little fine Gravel, Brick, and Concrete (FILL); wet.		3.9	43" recovery.
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.			
				0.5	Soil sample 27-EP (12-13) taken for part 375 list parameters.
				0.7	
15					
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		2.3	5' recovery.
		Brown, fine to medium SAND, some Silt, little fine Gravel; wet.		0.4	
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.			
				0.4	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 30	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt, little fine Gravel, trace brick and concrete (FILL); moist.			1' recovery. Soil sample 20/30-WC (0-8) taken for part 375 list parameters.
5		Light gray, medium to coarse SAND, little Concrete and fine Gravel, trace brick (FILL); moist.		0.1	Soil sample 30-WC (1-2) taken for part 375 list parameters.
		Dark brown, medium to fine SAND and SILT, little fine Gravel, trace asphalt and concrete (FILL); moist.		0.1	
		Dark brown, medium to fine SAND and SILT, trace fine gravel; wet.		0.0	Soil sample 30-EP (8-9) taken for part 375 list parameters.
10		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.		0.0	4' recovery.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 31	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA East Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Grayish brown to brown, SAND, some Silt, little fine to coarse Gravel, trace concrete, asphalt, and brick (FILL); moist.			Recovery not noted. Soil sample 22/31-WC (0-11) taken for part 375 list parameters.
5		CONCRETE.		0.1	45" recovery.
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace debris brick and charcoal (FILL); moist.		0.2	
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel; moist.			
10		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel; wet.			4' recovery.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.0	
15					Soil sample X31-EP (14-15) for part 375 list parameters. End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 32	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA East Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, and Glass, little fine to coarse Gravel (FILL); moist.			2' recovery. Soil sample 32/33-WC (0-11) taken for part 375 list parameters.
5		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, and Glass, little fine to coarse Gravel (FILL); moist.		0.1	32" recovery.
		Brown, fine to medium SAND, some Silt, trace fine gravel; moist.		0.1	
10		Brown, fine to medium SAND, some Silt, Charcoal, Brick, Concrete, and Glass, little fine to coarse Gravel (FILL); moist.		0.0	Recovery not noted.
		Brown to light brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.0	Soil sample 32-EP (11-12) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 33	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Crushed Concrete with wire reinforcement (FILL).			1' recovery. Soil sample 33-WC (0-1) and 32/33-WC (0-11) taken for part 375 list parameters.
5		Grey to brown, medium to fine SAND and SILT, some medium Gravel and Concrete, little Brick, trace asphalt (FILL); moist.	0.2		2' recovery.
10		Light brown, medium to fine SAND and SILT, some medium Gravel and Concrete, little Brick, trace asphalt (FILL); moist.	0.2		Soil sample 33-EP (9-10) taken for part 375 list parameters.
		Brown, medium to fine SAND and SILT, some coarse Sand, little fine Gravel; wet.	0.6		5' recovery.
		Brown, medium to fine SAND and SILT, some coarse Sand, little fine Gravel; wet.	0.2		
15		Brown to dark brown, fine to coarse SAND, some Silt, little Gravel and Cobble; wet.	0.2		End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 34	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, Concrete, Glass, Brick, and Charcoal, little fine to coarse Gravel (FILL); moist.			27" recovery. Soil sample 34-WC (0-9) taken for part 375 list parameters.
5				0.2	
				0.3	
		Brown, fine to medium SAND, some Silt, little white Clay, trace fine gravel (FILL); dry.			29" recovery. Soil sample 34-WC (5-6) taken for part 375 list parameters.
				0.2	
		BRICK (FILL).			
		Dark brown, medium to coarse SAND, some Silt, little Glass and Charcoal (FILL); moist.			
10				0.2	Soil sample 34-WC (9-18) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, little fine to medium Gravel and Plaster (FILL); dry.			55" recovery.
		Brown, SILT, some fine Sand, trace fine gravel; wet.			
		Brown, medium to coarse SAND, some Silt, trace fine gravel; moist.			
		Brown, fine to medium SAND, some Silt, trace fine gravel; moist.			Soil sample 34-WC (14-15) taken for part 375 list parameters.
15				0.3	5' recovery. Soil sample 34-EP (15-16) taken for part 375 list parameters.
		Brown, fine to coarse SAND, some Silt, trace fine gravel; moist.		0.3	
				0.3	Soil sample 34-EP (17-18) taken for part 375 list parameters.
				0.3	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 35	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA East Central		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/25/18-6/25/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID V a l u e s (ppm)	REMARKS
5		Brown, fine SAND, some Silt, Brick, Concrete, and Glass, trace fine gravel (FILL); moist.		0.1	20" recovery. Soil sample 35-WC (0-9) taken for part 375 list parameters.
5		Brown, fine SAND, some Silt, Brick, Concrete, and Glass, trace fine gravel (FILL); moist.		0.4	20" recovery. Soil sample 35-WC (506) taken for part 375 list parameters.
10		Dark brown, medium to coarse SAND, some Silt, Concrete, Asphalt, and Charcoal, trace fine gravel; moist.		0.2	Soil sample 35-WC (9-18) taken for part 375 list parameters.
15		Brown, fine to medium SAND, some Silt and Glass, trace fine gravel; wet.		5.7	40" recovery. Odor and sheen from 10'-13' bls. Soil sample 35-WC (11-12) taken for part 375 list parameters.
15		Brown, medium to coarse SAND, some Silt, trace fine to coarse gravel; wet.		17.8	
20		Dark brown, fine to medium SAND, some Silt and fine to coarse Gravel; wet.		3.3	3' recovery. Soil sample X35-EP (15-16) taken for part 375 list parameters.
20		Brown, medium to coarse SAND, some Silt; wet.		1.8	
20				9.2	Soil sample X35-EP (17-18) taken for part 375 list parameters.
20				1.6	End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 36	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel; moist.			14" recovery. Soil sample X36-WC (0-9) taken for part 375 list parameters.
				1.0	
				0.5	
5		Brown, SILT, some fine Sand, little coarse Sand; moist.			5
				2.4	3' recovery.
				3.9	Soil sample X36-WC (6-7) taken for part 375 list parameters.
		Dark brown, medium to coarse SAND, some Silt and Glass (FILL); moist.			
		Brown, SILT, some fine to coarse SAND; moist.			
10		Brown, fine SAND and SILT, trace fine gravel; wet.			10
				1.1	4.5' recovery. Sheen and odor from 10' to 12' bls.
				1.5	Soil sample X36-EP (11-12) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.			
				69.4	Soil sample X36-WC (13-14) and W36-EP (13-14) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, little coarse Gravel; wet.			
15		Dark brown, fine SAND, some Silt, little fine Gravel; wet.			15
				4.1	5' recovery.
				5.8	
		Brown, medium to coarse SAND, some Silt; wet.			
		Brown, fine SAND, some Silt; wet.			
		Brown, medium to coarse SAND, some Silt; wet.			
				2.2	
				1.5	
20					End of boring at 20' bls. 20

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SOIL BORING LOG

WELL NO. 37	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, Brick, Concrete, and Rock, little Gravel (FILL); moist.			28" recovery. 6" soil recovery on first drill, moved 1' and redrilled, found similar lithology. Soil sample 37-WC (0-9) taken for part 375 list parameters.
5				2.0	Soil sample 37-WC (4-5) taken for part 375 list parameters.
		Brown, SILT and fine SAND, little fine Gravel, some Brick, Concrete, and Charcoal (FILL); moist.		0.2	18.5" recovery.
10					
		Brown, fine to medium SAND, some Silt, little fine Gravel, Concrete and Brick (FILL); wet.			43" recovery.
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		0.3	Soil sample 37-EP (11-12) taken for part 375 list parameters.
				0.3	Soil sample 37-EP (13-14) taken for part 375 list parameters.
15					
		Brown, fine to medium SAND, some Silt; wet.		0.3	40" recovery.
		Brown, medium to coarse SAND, some Silt; wet.		0.3	
				0.3	
				0.3	
20					End of boring at 20' bls.

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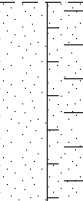
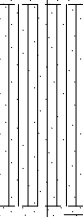
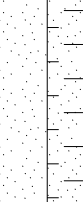
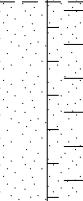


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SOIL BORING LOG

WELL NO. 38	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA West Side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/25/18-6/25/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel and Concrete (FILL); moist.			17" recovery. Soil sample 38/39-WC (0-9) taken for part 375 list parameters.
		Light brown, medium to coarse SAND, some Silt, little fine Gravel; moist.		0.9 0.5	Soil sample 38-WC (3-4) taken for part 375 list parameters.
5		Brown, fine to medium SAND, some Silt, little fine Gravel and Concrete (FILL); moist.			33" recovery.
		Dark brown, fine to medium SAND, some Silt, little fine Gravel; moist.			
		Brown, SILT and fine SAND; moist.		0.4	
10				0.4	5' recovery.
		Brown, medium to coarse SAND, some Silt; wet.		0.5	
				0.4	Soil sample 38-EP (13-14) taken for part 375 list parameters.
15		Brown, medium to coarse SAND, some Silt; wet.		0.4	5' recovery.
				0.3 0.4	
20				0.4	End of boring at 20' bls.

BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



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SOIL BORING LOG

WELL NO. 39	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA West Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt, little fine Gravel, trace concrete and plastic debris (FILL); moist.			1' recovery. Soil sample 38/39-WC (8-9) and 38/39-WC (0-8) taken for part 375 list parameters.
5		Brown, medium to fine SAND, some Silt, little fine Gravel, trace brick (FILL); moist.		0.1	4' recovery.
		Dark brown, medium to fine SAND and SILT, little fine Gravel, trace asphalt (FILL); moist.		0.0	
10		Brown, fine to coarse SAND, some Silt, little fine Gravel; wet.		0.0	Soil sample 39-EP (8-9) taken for part 375 list parameters.
		Brown to gray, fine to coarse SAND and SILT, little fine Gravel; wet.			5' recovery.
		Gray to brown, fine to coarse SAND and SILT, trace fine gravel; wet.		0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 40	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA West Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/26/18-6/26/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt, little Gravel and Brick, trace concrete (FILL); moist.			1.5' recovery. Soil sample 40-WC(0-12) taken for part 375 list parameters.
5		Brown, medium to fine SAND, some Silt, little Gravel and crushed Rock (FILL); moist.		0.0	3' recovery. Soil sample 40-WC(5-6) taken for part 375 list parameters.
		Brown, medium to fine SAND and SILT, trace fine gravel; wet.		0.0	
10		Brown, fine to coarse SAND and SILT, little Gravel; wet.			4' recovery.
		Dark brown, fine to coarse SAND and SILT, little Gravel, trace metal debris (FILL); wet.		0.0	
		Dark brown, fine to coarse SAND and SILT, little Gravel; wet.		0.0	Soil sample 40-EP (12-13) taken for part 375 list parameters.
15				0.0	End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 41	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			4.75' recovery. Soil sample 41/51-WC (0-10) taken for part 375 list parameters.
	△ △ △	Brown, fine to coarse SAND, some coarse Gravel, trace glass (FILL); moist.			
	△ △ △				
	△ △ △				
	△ △ △	Brown, fine to coarse SAND, some coarse Gravel, little Concrete (FILL); moist.			
	△ △ △				
	△ △ △	Brown to dark brown, fine to medium SAND, some Silt, little Gravel (FILL); moist.		0.1	
	△ △ △				
	△ △ △				
5	△ △ △	Brown to light brown, fine to medium SAND, some Silt, little Asphalt and Gravel (FILL); wet.			2.5' recovery.
	△ △ △				
	△ △ △				
	△ △ △			0.1	
	△ △ △	Brown, fine SAND, some Silt and Gravel, trace brick (FILL); wet.			
	△ △ △				
	△ △ △			0.1	
10	△ △ △	Brown, fine to coarse SAND, some Silt and Gravel; wet.			4' recovery. Soil sample 41-EP (10-11) taken for part 375 list parameters
	△ △ △			0.1	
	△ △ △	Dark brown to brown, medium to coarse SAND, some Gravel, trace silt; wet.		0.1	
	△ △ △				
	△ △ △	Brown, fine to coarse SAND, little Gravel; wet.			Soil sample 41 - EP (14-15) taken for part 375 list parameters, left on HOLD.
15	△ △ △	Brown, fine to medium SAND, some Silt, trace gravel; wet.			5' recovery.
	△ △ △				
	△ △ △			0.1	
	△ △ △	Dark brown, fine SAND, some Silt; wet.			
	△ △ △				
20	△ △ △				End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 42	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' of recovery. 42/43-WC (0-10) for part 375 parameters.
	△ △ △	Dark brown to brown, fine to medium SAND, some Silt and Gravel, little Asphalt and Brick (FILL); moist.		0.4	
	△ △ △	Light brown, medium to coarse SAND, some Gravel and Silt, little Brick and Concrete (FILL); moist.		0.2	
	△ △ △	Brown, fine to medium SAND, some coarse Gravel, little coarse Gravel, trace brick and asphalt (FILL); moist.		0.1	
5	△ △ △	Brown, medium to coarse SAND, some Gravel, little Debris, trace silt (FILL); moist.		0.1	2.5' of recovery.
	△ △ △	Dark brown to brown, medium to fine SAND and SILT, little Gravel; wet.		0.1	
10	△ △ △	Brown, medium to coarse SAND, some Silt, little Gravel; wet.		0.1	5' of recovery. 42-EP (10-11) for part 375 parameters.
	△ △ △	Dark brown, fine to medium SAND, some Silt; wet.		0.0	
	△ △ △	Brown, medium to coarse SAND, some Silt, little Gravel; wet.		0.0	
15	△ △ △			0.0	5' of recovery.
	△ △ △				
	△ △ △				
	△ △ △				
	△ △ △				
20	△ △ △				End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 43	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Odor apparent from 0.5' bls to 3' bls. Soil sample 43-WC (0-1) and 43-WC (0-10) taken for part 375 list parameters.
		Gray, medium to coarse SAND and GRAVEL, some Asphalt, trace silt (FILL); moist.		6.1	
		Brown, medium to fine SAND, some Gravel, little Brick and Asphalt (FILL); moist.		0.1	
5		Brown, medium to coarse SAND, some Gravel and Silt (FILL); moist.			3' recovery.
		Dark grey to brown, fine to coarse SAND, some fine Gravel and Silt (FILL); wet.		1.0	
10		Brown, fine to medium SAND, some coarse Sand, little Gravel; wet.		0.1	4' recovery. Soil sample 43-EP (10-11) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		0.1	
15					End of boring at 15' bls.

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WELL NO. 44	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			14" recovery. Soil sample 44-WC (0-9) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, Brick, Charcoal, and Concrete (FILL); moist.			
		CHARCOAL/ASPHALT (FILL).			
		Light brown, SILT, some fine Sand, little fine Gravel and Brick (FILL); moist.		2.3	Soil sample 44-WC (3-4) taken for part 375 list parameters.
5		Brown, fine to medium SAND, some Silt, Brick, Charcoal, and Concrete (FILL); moist.		0.1	2' recovery.
		Brown, SILT, some fine Sand, little fine to coarse Gravel; moist.		0.0	
		Dark brown, SILT, some fine Sand, little fine Gravel; moist.			
		Dark brown to gray, coarse SAND, some Silt, little fine to coarse Gravel; moist.			
10		Brown, fine to medium SAND and SILT, trace fine gravel; wet.			Soil sample X44-WC (9-18) taken for part 375 list parameters.
		Brown, fine to medium SAND and SILT, trace fine gravel; wet.		0.0	4' recovery.
		Dark brown to gray, coarse SAND, some Silt, little fine to coarse Gravel; moist.		0.1	
		Brown, medium to coarse SAND, some Silt; wet.		105.4	Soil sample X44-WC (12-13) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, trace fine gravel; wet.		145.8	Free product, odor and sheen apparent from 13' to 14' bls.
15		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		7.5	Soil sample X44-EP (14-15) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.			4.5' recovery.
		Brown, medium to coarse SAND, some Silt; wet.		48.5	
		Brown, medium to coarse SAND, some Silt; wet.		6.1	Soil sample X44-EP (17-18) taken for part 375 list parameters left on HOLD.
				3.4	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 45	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		BRICK. Brown, fine to medium SAND, some Silt, little fine to coarse gravel; moist.			15" recovery. Soil sample X45-WC (0-1) and X45-WC (0-9) taken for part 375 list parameters.
5		CONCRETE.		0.2	
		Brown, fine to medium SAND, some Silt, some coarse Gravel, little Brick, Coal, Asphalt, and Concrete (FILL); moist.		0.5	1' recovery.
10		Grayish brown, SILT, some fine Sand; wet.		0.3	Soil sample X45-WC (9-19) taken for part 375 list parameters. 4' recovery.
		Dark brown to brown, fine to coarse SAND, some Silt, little fine Gravel; wet.			Hit refusal, moved boring 2' west, same lithology.
15		Dark brown to brown, fine to coarse SAND, some Silt, little fine to coarse Gravel; wet.		143.1 86.4	Soil sample X45-WC (13-14) taken for part 375 list parameters.
				15	4' recovery.
				7.6 110.4	Soil sample X45-EP (16-17) taken for part 375 list parameters.
				7.4	Soil sample X45-EP (18-19) taken for part 375 list parameters.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 46	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace clay and brick (FILL); moist.			20" recovery. Soil sample 46-WC (0-1) and 46-WC (0-9) taken for part 375 list parameters.
				0.1	
				0.2	
5					5
		CONCRETE.			2' recovery.
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace clay and brick (FILL); moist.		0.1	
		BRICK.			
		Brown, SILT, some fine Sand; moist.		0.2	
		Gray, medium to coarse SAND, some Silt, little fine to coarse Gravel, Charcoal, and Brick (FILL); wet.		0.2	Soil sample 46-WC (9-19) taken for part 375 list parameters.
10				0.2	10
		Brown to gray, fine SAND, some Silt; wet.			4' recovery.
		Brown, fine to medium SAND, some Silt and fine Gravel; wet.		55.2	Odor, staining, and free product apparent from 11' to 13' bls. Soil sample 46-WC (11-12) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt and fine Gravel; wet.		126.3	Odor apparent from 13' to 15' bls.
				45.7	
15					15
		Brown, fine to coarse SAND, some Silt, little fine Gravel; wet.			5' recovery. Odor and free product apparent from 15' to 17' bls.
				48.0	Soil sample 46-EP (16-17) taken for part 375 list parameters.
		Brown, fine to coarse SAND, some Silt, little fine Gravel; wet.			
				3.2	Soil sample 46-EP (18-19) taken for part 375 list parameters and left on HOLD.
				3.4	
20					End of boring at 20' bls. 20

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PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY J. Michaels	GEOGRAPHIC AREA North Side		
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/21/18-6/21/18	
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND and SILT, some coarse Gravel, little Concrete (FILL); moist.			3' recovery. Soil sample 47-WC (0-1) and 47-WC (0-9) taken for part 375 list parameters.
				0.0	
		Dark brown, fine to medium SAND and SILT, some coarse Gravel, little Brick (FILL); moist.		0.0	
5		Dark brown, fine to medium SAND and SILT, some coarse Gravel, little Brick (FILL); moist.			2' recovery.
				0.0	
					
					
					
		CONCRETE.		0.0	Soil sample 37-WC (9-19) taken for part 375 list parameters.
10		Gray, medium to coarse SAND, some Gravel (FILL); moist.			4' recovery. Odor and free product from 10' to 13' bls.
		Brown, medium to coarse SAND and SILT, some fine Gravel; wet.		131.7	
				193.2	Soil sample 47-WC (12-13) taken for part 375 list parameters.
		Light brown, medium to coarse SAND and SILT, little fine Gravel; wet.		100.3	
15				4.9	5' recovery.
				63.4	Soil sample 47-EP (16-17) taken for part 375 list parameters.
				9.9	
					Soil sample 47-EP (18-19) taken for part 375 list parameters.
20				4.0	End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 48	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/21/18-6/21/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			17" recovery. Soil sample 48-WC(0-9) taken for part 375 list parameters.
		Dark brown, SILT, some fine to medium Sand, trace fine to coarse gravel, concrete lense (FILL); moist.			
5		Brown, fine to medium SAND, some Silt and Debris (brick, glass, asphalt), trace fine to coarse gravel (FILL); moist.			2.5' recovery.
		Dark brown, fine to medium SAND, some Silt, little fine Gravel and Debris (glass, charcoal) (FILL); wet.			Soil sample X48/58-WC (9-14) taken for part 375 list parameters. Soil sample X48-WC (9-19) taken for part 375 list parameters. 4.5' recovery.
10		Brown, medium to coarse SAND, some Silt, little fine gravel; wet.			Soil sample X48-EP (11-12) taken for part 375 list parameters.
					Soil sample X48-EP (13-14) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 49	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt and fine Gravel, little concrete (FILL); moist.			1' recovery. Soil sample 49/50-WC (0-9) taken for part 375 list parameters.
5		Light brown, fine to medium SAND, some Silt, little fine Gravel, trace concrete and brick (FILL); moist.		0.0	2' recovery.
		Light brown, fine to medium SAND and SILT, some fine Gravel; moist.		0.0	Soil sample 49-EP (8-9) taken for part 375 list parameters.
10		Dark brown, medium to fine SAND and SILT, little fine Gravel; moist.			4' recovery.
		Dark brown, medium to fine SAND and SILT, little fine Gravel; wet.		0.0	
15				0.0	End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 50	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY J. Michaels			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro		GEOGRAPHIC AREA NW Corner		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/25/18-6/25/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt, little fine Gravel and Concrete, trace glass (FILL); moist.			2' recovery. Soil sample 49/50-WC (0-9) taken at 1300 for part 375 list parameters.
				0.0	
		Brown, medium to coarse SAND, some Silt, little fine Gravel, trace brick (FILL); moist.			
5		Brown, medium to fine SAND, some Silt and fine Gravel, little Concrete (FILL); moist.			3' recovery.
		BRICK (FILL).		0.0	
		Brown, fine to coarse SAND and SILT, some coarse Gravel; moist.			
				0.0	Soil sample 50-EP (9-10) taken at 1310 for part 375 list parameters.
10		Brown, medium to coarse SAND, some Silt and Gravel; wet.			4' recovery.
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 51	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA NE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			4' of recovery. Odor and staining from 0' to 1' bls.
		Dark gray, fine to coarse SAND and GRAVEL, some Asphalt and Concrete (FILL); moist.		48.8	51-WC (0-1) taken for part 375 parameters. Soil sample
		Brown, medium to coarse SAND and GRAVEL, some Silt, trace concrete (FILL); moist.			41/51-WC (0-10) taken for part 375 parameters
			1.0		
		Brown, medium to coarse SAND, some Silt, little coarse Gravel, trace brick and concrete (FILL); moist.		0.5	
5					
		Brown, medium to coarse SAND, some Silt and Gravel, little Brick (FILL); moist.			2.5' of recovery
			0.2		
		Dark brown, fine to medium SAND and SILT; wet.		0.0	
10					
		Brown, fine to medium SAND and SILT, trace fine gravel; wet.			5' of recovery. 51- EP (10-11) taken for part 375 parameters
			0.0		
		Brown, fine to coarse SAND, some Silt and fine Gravel, little medium Gravel; wet.		0.0	51-EP (14-15) taken for part 375 parameters.
15					
		Brown, medium to coarse SAND, some coarse Sand, trace silt; wet.			5' of recovery
			0.0		
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 52	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA NE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/20/18-6/20/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			2' recovery. Soil sample 52/53-WC (0-8) taken for part 375 parameters.
		Dark brown, fine to medium SAND, some fine Gravel, Silt, and Asphalt (FILL); moist.			
				10.8	
		Brown, medium to fine SAND, some coarse Sand, little Gravel, trace brick and concrete (FILL); moist.			
5		Brown, fine to coarse SAND and SILT, some fine Gravel, little Concrete and Brick (FILL); wet.		0.1	5' 6" initial recovery, moved 1' north to new location. 2' recovery.
				0.0	
		Dark brown, medium to fine SAND and SILT, some coarse Sand, little Gravel; wet.			Soil sample 52-EP (8-9) taken for part 375 list parameters.
				0.0	
10		Dark brown, medium to fine SAND and SILT, some coarse Sand, little Gravel; wet.			4' recovery.
				0.0	
		Brown, medium to coarse SAND and SILT, little Gravel; wet.			
				0.0	
15					End of boring at 15' bls.

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WELL NO. 53	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3.5' recovery. Soil sample 53-WC (0-1) and 52/53-WC (0-8) taken for part 375 list parameters.
		Gray, medium to coarse SAND, some fine Sand and coarse Gravel, little Asphalt and Glass (FILL); moist.		0.1	
		Dark brown, medium to coarse SAND, some fine Sand and Gravel, little Brick and Concrete (FILL); moist.		0.7	
5		Light brown, medium to coarse SAND and SILT, some fine to medium Gravel, little Asphalt, Brick, and Charcoal (FILL); moist			3' recovery.
		Gray to brown, medium to fine SAND and SILT, some Concrete and Charcoal, little Asphalt (FILL); wet.		0.0	Soil sample 53-EP (8-9) taken for part 375 list parameters.
10		Brown to dark brown, medium to fine SAND and SILT, some coarse Sand, little Gravel; wet.			4' recovery.
		Brown to dark brown, medium to fine SAND and SILT, some Gravel; wet.		0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 54	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro		GEOGRAPHIC AREA North Side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/21/18-6/21/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Soil sample 54-WC (0-9) taken for part 374 list parameters.
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace asphalt (FILL).		0.1	
		Brown, SILT, some fine Sand, little fine to coarse Gravel, trace asphalt and brick (FILL); moist.		0.1	
5		Brown, SILT, some fine Sand, little fine to coarse Gravel, trace asphalt and brick (FILL); moist.			20" recovery.
				0.2	
		Gray to brown, coarse SAND, some Asphalt, Brick, and Silt (FILL); moist.		0.2	
10					Soil sample taken for X54-WC (9-19) for part 375 list parameters.
		Brown to gray, SILT, some fine Sand, trace fine gravel; wet.			4' recovery.
				7.4	
		Brown, medium to coarse Sand, some Silt, trace gravel; wet.		8.0	
				3.4	
				4.6	
15					
		Brown, medium to coarse Sand, some Silt, trace gravel; wet.			4' recovery.
					Soil sample X54-EP (16-17) taken for part 375 list parameters.
				0.4	Soil sample X54-EP (18-19) taken for part 375 list parameters.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 55	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY C. Wygel			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro		GEOGRAPHIC AREA North Side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/21/18-6/21/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			1' recovery. Soil sample X55-WC (0-9) taken for part 375 list parameters.
5		Brown, fine to medium SAND, some Silt, Concrete, Brick, and Charcoal, little fine to coarse Gravel (FILL); moist.		0.1	
		CONCRETE.			2' recovery.
10		Brown, fine to medium SAND, some Silt, Concrete, Brick, and Charcoal, little fine to coarse Gravel (FILL); moist.		0.1	Soil sample X55-WC (9-19) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, Concrete, Brick, and Charcoal, little fine to coarse Gravel (FILL); wet.		0.4	3' recovery.
15		Brown, medium to coarse SAND, some Silt, trace gravel; wet.		2.5	
		Brown, medium to coarse SAND, some Silt, trace gravel; wet.		1.2	4' recovery. Staining and odor from 15'-16' bls.
				2.4	Soil sample X55-EP (16-17) taken for part 375 list parameters.
20					Soil sample X55-EP (18-19) taken for part 375 list parameters, left on HOLD.
					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 56	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/21/18-6/21/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt and fine to coarse Gravel; moist.			20" recovery. Soil sample 56-WC (0-9) taken for part 375 list parameters.
5				0.0	
		Brown, fine to medium SAND, some Silt and fine to coarse Gravel, trace glass, brick, and concrete (FILL); moist.			16" recovery.
				0.0	
10					Soil sample X56-WC (9-19) taken for part 375 list parameters.
		Dark brown, SILT, some fine to medium Sand, trace fine gravel and brick (FILL); wet.			4' recovery. Staining and odor from 10'-13' bls.
		Dark brown, fine to medium SAND, some Silt, little fine Gravel; wet.		66.6	
				220.0	
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		5.4	
				2.4	
15					5' recovery.
		Dark brown, SILT, some fine Sand, trace fine gravel; wet.			
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.			Soil sample X56-EP (16-17) taken for part 375 list parameters.
				0.0	
					Soil sample for X56-EP (18-19) taken for part 375 list parameters, on HOLD.
				0.0	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 57	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/21/18-6/21/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Silt, trace fine gravel and concrete (FILL); moist.		1.0	16" recovery. Soil sample 57-WC (0-9) taken for part 375 list parameters. Soil sample 57-WC (1-2) taken for part 375 list parameters.
10		Brown, fine to medium SAND, some Silt, Brick, Concrete, Asphalt, and Fibers), trace fine gravel (FILL); moist.		0.1	2' recovery.
15		Brown, SILT, some fine Sand, trace fine gravel; wet.		25	Soil sample X57-WC (9-19) taken for part 375 list parameters. 2' recovery. Odor and staining from 10'-11' bls.
		Dark brown, fine to medium SAND, some Silt, little fine Gravel; wet.		17.2	Odor and staining apparent from 11'-13' bls.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		50.7	
		Dark brown, fine to medium SAND, some Silt, little fine Gravel; wet.		86.5	4' recovery. Odor and staining from 15'-17' bls. Soil Sample X57-EP (16-17) taken for part 375 list parameters.
20		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.2	Soil sample X57-EP (18-19) taken for part 375 list parameters.
					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 58	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/21/18-6/21/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			20" recovery. Soil sample X58-WC (0-9) taken for part 375 list parameters.
		Brown, fine to coarse Gravel, little Concrete and Asphalt (FILL); moist.			
5		Dark brown, SILT, some fine Sand, little fine to coarse Gravel, Charcoal, and Brick (FILL); moist.			43" recovery.
10		Dark brown, SAND and SILT, some fine to coarse Sand, trace fine gravel; moist.			5' recovery.
		Brown, medium to coarse SAND, some Silt, little fine to coarse Gravel; moist.			Soil sample X58-EP (11-12) taken for part 375 list parameters.
					Soil sample X58-EP (13-14) taken for part 375 list parameters.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 59	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND and SILT, little Gravel, trace asphalt (FILL); moist.			1' recovery. Soil sample 59/60-WC (0-9) and 59-WC (0-1) taken for part 375 list parameters.
5		Brown, fine to medium SAND and SILT, little Gravel, trace concrete (FILL); moist.		0.0	2' recovery.
		Brown, medium to fine SAND and SILT, little fine Gravel; moist.		0.0	
10		Gray, medium to coarse SAND and SILT, little fine Gravel; wet.			Soil sample 59-EP (9-10) taken for part 375 list parameters.
		Brown, medium to coarse SAND and SILT, little fine Gravel; wet.		0.0	3' recovery.
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 60	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND and SILT, little fine Gravel, trace asphalt (FILL); moist.			1' recovery. Soil sample 59/60-WC (0-9) taken for part 375 list parameters.
5		Brown, fine to medium SAND and SILT, little fine to coarse Gravel, trace coal (FILL); moist.		0.0	2' recovery.
		Brown, fine to medium SAND and SILT, some fine Gravel, little Concrete, trace asphalt (FILL); moist.		2.7	
		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.		1.4	
10		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		0.2	Soil sample 60-EP (9-10) and DUP-062518-2 taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.4	4' recovery.
15				0.1	End of boring at 15' bls.

BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



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SOIL BORING LOG

WELL NO. 61	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/26/18-6/26/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt, little fine Gravel, trace brick and concrete (FILL); moist.			1.5' recovery. Soil sample 61-WC (0-1) and 61-WC (0-7) taken for part 375 list parameters.
5		Dark brown to brown, medium to coarse SAND, some Silt, little Gravel, trace asphalt (FILL); moist.		0.0	4' recovery.
		Dark brown to brown, fine SAND and SILT, trace fine gravel; wet.		0.0	Soil sample 61-EP (7-8) taken for part 375 list parameters.
		Brown, fine to medium SAND and SILT, trace fine gravel; wet.		0.0	
10		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.			4' recovery.
				0.0	
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. 62	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA SE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/20/18-6/20/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			30" recovery.
		Brown, fine to medium SAND, some fine to medium Gravel, Concrete, and Wood (FILL); moist.			
		Light brown, fine SAND, some Silt, little fine to coarse Gravel; moist.		0.0	Soil sample DL-62 (2-4) taken for part 375 list parameters.
5		Brown, SILT, some fine Sand, little Glass, trace fine to coarse gravel (FILL); moist.			4' recovery.
				0.0	
10		Brown, fine to coarse SAND, some Silt, little Glass and Brick, trace fine to coarse gravel, (FILL); wet.		0.0	Soil sample DL-62 (9-10) taken for part 375 list parameters.
					56" recovery.
		Dark brown, CLAY, some Silt, little Organics; wet.		0.0	Sulfuric odor present from 12' to 14' bls.
		Brown, fine to medium SAND, some Silt; wet.			Soil sample DL-62 (14-16) taken for part 375 list parameters.
15					End of boring at 16' bls.

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SOIL BORING LOG

WELL NO. 63	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA SW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/26/18-6/26/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Grey to brown, fine to medium SAND, some Silt, little fine to coarse Gravel; moist.			18" recovery.
5		CHARCOAL (FILL). Brown, SILT, little fine Sand, trace fine gravel; moist.		0.2	Soil sample DL-63 (2-4) taken for part 375 list parameters.
		Dark brown, fine to medium SAND, some Silt, little coarse Sand; moist.		0.2	3' recovery.
10		Dark brown, fine to medium SAND, some Silt, little coarse Sand; wet		0.3	Soil sample DL-63 (9-10) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.2	4' recovery.
15				0.2	Soil sample DL-63 (14-16) taken for part 375 list parameters.
				0.2	End of boring at 16' bls.

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SOIL BORING LOG

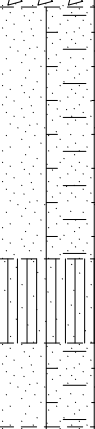
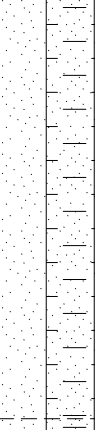
WELL NO. 64	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/26/18-6/26/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			43" recovery.
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel (FILL); moist.			
		CHARCOAL (FILL).		0.3	
		Brown, SILT, some fine Sand, little fine Gravel; moist.			Soil sample DL-64 (2-4) taken for part 375 list parameters.
		Brown, SILT, some fine Sand, little fine Gravel; moist.		0.3	
5		Brown, SILT, some fine Sand, little fine Gravel; moist.		0.3	3' recovery.
		Dark brown, SILT, some fine Sand; moist.		0.3	
10		Brown, medium to coarse SAND, some Silt, little fine Gravel; moist.			Soil sample DL-64 (9-10) taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, little fine Gravel; moist.		0.2	45" recovery.
		CONCRETE.			
		Dark brown to brown, fine to medium Sand, some Silt and fine Gravel; wet.		0.3	
15		Dark brown to brown, fine to medium Sand, some Silt and fine Gravel; wet.		0.3	Soil sample DL-64 (14-16) taken for part 375 list parameters.
		Dark brown to brown, fine to medium Sand, some Silt and fine Gravel; wet.		0.3	End of boring at 16' bls.

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SOIL BORING LOG

WELL NO. 65	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn		
APPROVED BY DRAFT	LOGGED BY C. Wygel	New York, New York		
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA West Side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/26/28-6/26/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID V a l u e s (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt, little fine to coarse Gravel, trace charcoal and brick (FILL); moist.			18" recovery.
5		Brown, fine to medium SAND, some Silt, trace fine to coarse gravel; moist.		0.2	Soil sample DL-65 (2-4) taken for part 375 list parameters.
		Dark brown, SILT and fine SAND, little fine Gravel; moist.		0.2	
10		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		0.3	Soil sample DL-65 (9-10) taken for part 375 list parameters.
		Brown to dark brown, medium to coarse SAND, some Silt, little fine Gravel; wet.		0.2	4' recovery.
15		Brown, fine to medium SAND, some Silt; wet.		0.3	Soil sample for DL-65 (14-16) taken for part 375 list of parameters.
					End of boring at 16' bls.

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SOIL BORING LOG

WELL NO. 66	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY C. Wygel	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/26/18-6/26/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Brown, fine to medium SAND, some Silt, trace fine to coarse gravel; moist.			38" recovery.
		BRICK (FILL).			
		Gray to brown, medium to coarse SAND, some Silt, Charcoal, and Brick; moist.		0.2	Soil sample DL-66 (2-4) taken for part 375 list parameters.
		CHARCOAL.		0.3	
5		Brown, SILT, some fine Sand; moist.		0.2	4' recovery.
		Brown, medium SAND, some Silt, little fine Gravel; moist.		0.2	
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.3	Soil sample DL-66 (9-10) taken for part 375 list parameters.
10		Brown, fine to medium SAND, some Silt, little fine Gravel; wet.		0.3	5' recovery.
		Brown, medium to coarse SAND, some Silt, trace fine gravel; wet.		0.4	Soil sample DL-66 (12-14) taken for part 375 list parameters.
15		Brown, fine to medium SAND, some Silt, little fine Gravel; wet.			
					End of boring at 16' bls.

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SOIL BORING LOG

WELL NO. 67	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/26/18-6/26/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND, some Silt and fine Gravel, little Brick and Asphalt (FILL); moist.			3' recovery.
1.4				1.4	
2.4					
3.4					
4.4		Dark brown, medium to fine SAND and SILT, some fine Gravel, little Brick and Concrete (FILL); moist.			Soil sample DL-67 (2-4) taken for part 375 list parameters.
5.4				0.2	
6.4					
7.4					
8.4					
9.4					
10.4		Dark brown, medium to fine SAND and Silt, little fine Gravel, trace concrete (FILL); wet.			3' recovery.
11.4				0.0	
12.4					
13.4		Brown, fine to medium SAND and SILT, trace fine gravel; wet.			
14.4				0.0	
15.4					
16.4		Brown, fine to coarse SAND and SILT, trace fine gravel; wet.			Soil sample DL-67 (9-10) taken for part 375 list parameters.
17.4					
18.4		Brown to light brown, fine to medium SAND and SILT, little fine Gravel; wet.			3' recovery.
19.4				0.0	
20.4					
21.4					
22.4		Light brown, fine to coarse SAND, some Silt, trace fine gravel; wet.			
23.4					
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SOIL BORING LOG

WELL NO. 68	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn New York, New York	
APPROVED BY DRAFT	LOGGED BY J. Michaels	
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/25/18-6/25/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, medium to coarse SAND and SILT, some fine Gravel, little Asphalt (FILL); moist.			3' recovery.
				0.0	
		BRICK (FILL). Dark brown to light brown, medium to coarse SAND and SILT, little fine Gravel, trace asphalt (FILL); moist.		0.0	
5		Dark brown, medium to fine SAND and SILT, little coarse to fine Gravel; moist.			2' recovery.
		Dark brown, medium to fine SAND and SILT, little fine Gravel; moist.		0.0	
10		Dark gray to light gray, fine to medium SAND and SILT, little fine Gravel; wet.			3' recovery. Odor and sheen from 10' to 13' bls. Soil sample DL-68 (11-12) taken for part 275 list parameters.
		Grey to brown, medium to coarse SAND and SILT, some fine Gravel; wet.		72.2 129.4	Odor apparent from 13' to 15' bls.
15		Dark brown to light brown, fine to coarse SAND and SILT, little fine Gravel; wet.		117.2 21.4	5' recovery. Soil sample DL-68 (15-16) taken for part 375 list parameters.
				17.2 4.1	Soil sample DL-68 (18-19) and DUP-062518-1 taken for part 375 list parameters.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 69	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/25/18-6/25/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Light gray, medium to fine SAND and SILT, some medium Gravel, little Concrete (FILL); moist.			1.5' recovery.
				0	
					
					
					
		Brown, medium to coarse SAND and SILT, some fine Gravel, trace concrete (FILL); moist.		0	
					
5					5
		Dark brown to light brown, fine to coarse SAND and SILT, some fine Gravel; moist.			2.5' recovery.
				2.8	
				0.4	
					
		Brown, fine to medium SAND and SILT, trace fine gravel; wet.			
10					10
		Dark grey to light grey, fine to coarse SAND and SILT, trace fine gravel; wet.		60.4	4' recovery. Odor and sheen from 10' to 13' bls.
				39.2	Soil sample DL-69 (11-12) taken for part 375 list parameters.
					
		Brown, medium to coarse SAND and SILT, little fine Gravel; wet.		69.8	
				9.5	
15					15
		Dark brown, medium to coarse SAND and SILT, little fine Gravel; wet.		5.3	2' recovery. Soil sample DL-69 (15-16) taken for part 375 list parameters.
					
				6.9	Soil sample DL-69 (18-19) taken for part 375 list parameters.
				6.2	
20					End of boring at 20' bls. 20

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SOIL BORING LOG

WELL NO. 70	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to coarse SAND and SILT, some fine Gravel and Concrete, little Brick (FILL); moist.			1' recovery.
5		Brown, fine to medium SAND and SILT, little fine Gravel, trace brick (FILL); wet.			1' recovery.
				4.8	
10		Brown, fine to medium SAND and SILT, little fine Gravel, trace brick (FILL); wet.			5' recovery. Odor from 10' to 12' bls.
				43.0	Soil sample DL-70 (11-12) taken for part 375 list parameters.
		Gray to brown, fine to coarse SAND and SILT, little fine Gravel; wet.			Odor apparent from 12' to 14' bls.
15				392.2	
				309.5	
		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.			5' recovery. Odor from 15' to 19' bls. Soil sample DL-70 (15-16) taken for part 375 list parameters.
				71.3	
				10.1	
					Soil sample DL-70 (18-19) taken for part 375 parameters left on HOLD.
				6.5	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 71	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.			1' recovery.
		Brown, medium to coarse SAND and SILT, some fine Gravel and Concrete, little Brick (FILL); moist.			
5		Brown, medium to coarse SAND and SILT, some fine to medium Gravel, little Brick (FILL); moist.		0.8	3' recovery.
		Dark brown, medium to coarse SAND, some fine Gravel and Silt, little Brick (FILL); moist.		0.3	
		Dark brown, fine to coarse SAND and SILT, little fine Gravel; moist.		5.8	
10		Brown, fine to medium SAND and SILT, trace fine gravel; wet.			4' recovery. Odor and sheen from 10' to 12' bls.
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		171.8	Soil sample DL-71 (11-12) taken for part 375 list parameters.
					Odor and sheen from 12' to 14' bls.
				34.5	
15				19.4	
				3.0	5' recovery. Soil sample DL-71 (15-16) taken for part 375 list parameters.
				41.4	
		Light brown, fine to medium SAND, little fine Gravel; wet.		4.1	Soil sample DL-71 (18-19) taken for part 375 list parameters left on HOLD.
				2.0	
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. 72	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/19
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			1.5' recovery.
	△ △ △	Grey, medium to coarse SAND and GRAVEL, some Concrete and Brick (FILL); moist.			
	△ △ △				
	△ △ △				
	△ △ △				
	△ △ △				
	△ △ △			0.1	
	△ △ △				
	△ △ △	Dark brown, medium to coarse SAND and GRAVEL, some Concrete, trace brick and fabric (FILL); moist.			
	△ △ △			0.3	
5	△ △ △	Grey, medium to coarse SAND, some Gravel, little Asphalt and Brick (FILL); moist.			2' recovery.
	△ △ △				
	△ △ △				
	△ △ △			0.1	
	△ △ △				
	△ △ △	Dark brown to brown, fine to medium SAND and SILT, some fine Gravel; moist.			
	△ △ △			0.1	
10	△ △ △	Dark brown, fine to coarse SAND, some Silt, little Gravel; wet.			5' recovery. Odor from 10' to 12' bls.
	△ △ △			35.9	Soil sample X44-SW (11-12) taken for part 375 list parameters.
	△ △ △	Brown, medium to coarse SAND and SILT, some fine Gravel; wet.			
	△ △ △				
	△ △ △			9.1	
15	△ △ △	Brown, medium to coarse SAND, some Silt and fine Gravel; wet.			5' recovery. Soil sample X44-SW (15-16) taken for part 375 list parameters.
	△ △ △			0.7	
	△ △ △	Brown, fine to medium SAND, some Silt, trace fine gravel; wet.			
	△ △ △				
	△ △ △			0.2	Soil sample X44-SW (18-19) taken for part 375 list parameters- left on HOLD
20	△ △ △				End of boring at 20' bls.

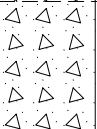
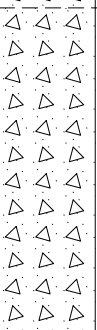
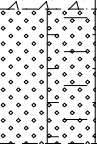
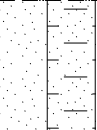
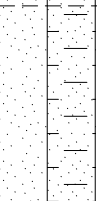
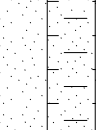
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SOIL BORING LOG

WELL NO. X26	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY J. Michaels			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA East Central		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/21/18-6/21/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			2' recovery.
		Brown, medium to fine SAND and SILT, some Gravel, little Concrete and Brick (FILL); moist.		0.0	
		Brown, medium to fine SAND and SILT, some Gravel, little Brick, trace asphalt (FILL); moist.		0.0	
5		Brown, medium to fine SAND and SILT, some Gravel, little Concrete, (FILL); moist.			2' recovery.
		Brown, fine to medium SAND and SILT, little Gravel, trace glass (FILL); moist.		0.0	
10		Gray to dark gray, fine to coarse SAND and SILT, some fine Gravel; wet.		0.3	Soil sample X26-SW (11-12) taken for part 374 list parameters.
		Brown, medium to coarse SAND and SILT, some fine Gravel; wet.		0.2	
15		Brown, medium to coarse SAND and SILT, some fine to coarse Gravel; wet.		0.3	5' recovery. Soil sample X26-SW (15-16) taken for part 374 list parameters.
					Soil sample X26-SW (18-19) taken for part 374 list parameters, on HOLD.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. X27	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE.		0.0	2' recovery.
		Void.			
		Brown, medium to coarse SAND and SILT, some Brick, little fine Gravel, trace asphalt (FILL); moist.		0.0	
5					5
		Brown, medium to coarse SAND and SILT, some fine Gravel, little coarse Gravel, trace concrete (FILL); moist.		0.0	2' recovery.
				0.0	
		Grey to brown, fine to medium SAND and SILT, some fine Gravel, little Brick (FILL); moist.		0.0	
10					10
		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.		0.0	4' recovery.
					Soil sample X27-SW (11-12) taken for part 375 list parameters
				0.0	
		Brown, medium to coarse SAND, some Silt and fine Gravel; wet.			
15					15
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		0.0	5' recovery. Soil sample X27-SW (15-16) taken for part 375 list parameters.
				0.0	Soil sample X27-SW (18-19) taken for part 375 list parameters, on HOLD.
					End of boring at 20' bls.
20					20

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SOIL BORING LOG

WELL NO. X33	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA East Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 6620DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Soil cuttings	START-FINISH DATE 6/20/18-6/20/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Crushed concrete with wire reinforcement.			2' recovery.
5		Brown, fine to medium SAND and SILT, some fine Gravel, little Concrete and Brick (FILL); moist		0.0	
		Brown, fine to medium SAND and SILT, little fine to medium Gravel (FILL); moist.			3' recovery.
10		Brown, fine to medium SAND and SILT, little fine to medium Gravel and Concrete (FILL); moist.		0.0	
		Brown, medium to coarse SAND and SILT, some Gravel; wet.		0.0	4' recovery.
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		0.0	Soil sample X33-SW (11-12) taken for part 375 list parameters.
15				0.0	4' recovery. Soil sample X33-SW (15-16) and DUP-062118 taken for part 375 list parameters.
					Soil sample X33-SW(18-19) taken for part 375 list parameters.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. X34	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/21/18-6/21/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		CONCRETE. Dark brown, medium to coarse SAND, some Gravel and Silt, little Asphalt and Concrete, (FILL); moist.			2' recovery.
5		CONCRETE. Brown, fine to coarse SAND and SILT, some fine to medium Gravel, little Brick, trace concrete, (FILL); moist.		0.0	
		Brown, fine to coarse SAND and SILT, some fine Gravel, little Brick, trace asphalt (FILL), moist.			3' recovery.
		Brown, fine to coarse SAND and SILT, some Asphalt, little Concrete, (FILL); moist.		0.3	
				0.5	
				0.0	
10		Brown, fine to medium SAND and SILT, little fine Gravel; wet.			5' recovery.
		Brown, medium to coarse SAND and SILT, some Gravel; wet.			Soil sample X34-SW (11-12) taken for part 375 list parameters.
15		Brown, medium to coarse SAND and SILT, some Gravel; wet.			5' recovery. Soil sample X34-SW (15-16) taken for part 375 list parameters.
				0.0	
				0.0	Soil sample X34-SW (18-19) taken for part 375 list parameters, on HOLD.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. X37	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA West Central	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to coarse SAND and SILT, some Brick, little fine Gravel, trace asphalt (FILL); moist.			No recovery. Hit refusal at 8.5' bls, potentially concrete footing, moved north 3'. 2' recovery on second drilling.
5				0.0	
		Brown, medium to fine SAND, some Silt, little Gravel, Concrete, and Brick (FILL); moist.			3' recovery.
		Gray to brown, medium to coarse SAND and SILT, some fine Gravel, little Brick and Concrete (FILL); moist.		0.0	
10					
		Brown, fine to coarse SAND and SILT, little fine Gravel; wet.			3' recovery.
				0.0	Soil sample X37-SW (11-12) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt; wet.			
15					
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.			5' recovery. Soil sample X37-SW (15-16) taken for part 375 list parameters.
				0.0	Soil sample X37-SW(18-19) taken for part 375 list parameters.
20					End of boring at 20' bls.

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SOIL BORING LOG

WELL NO. X43	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA NW Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/20/18-6/20/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3' recovery. Odor. Soil sample 43-WC (0-1) taken for part 375 list parameters. Soil sample 42/43-WC (0-10) taken for part 375 list parameters.
		Gray, medium to coarse SAND and GRAVEL, some Asphalt, trace silt (FILL); moist.			
		Brown, medium to fine SAND, some GRAVEL, little Brick and Asphalt (FILL); moist.			
		Brown, medium to fine SAND, some Silt, little Gravel, trace wood and brick (FILL); moist.			
5		Brown, medium to coarse SAND, some Gravel and Silt (FILL); moist.			3' recovery.
		Dark gray to brown, fine to coarse SAND, some fine Gravel and Silt (FILL); wet.			
10		Brown, fine to coarse SAND, little Gravel; wet.			4' recovery. Soil sample 43-EP (10-11) and DUP-062018 taken for part 375 list parameters.
		Brown, medium to coarse SAND, some Silt, little fine Gravel; wet.			
15					End of boring at 15' bls.

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SOIL BORING LOG

WELL NO. X44	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall		LOCATION East Flatbush, Brooklyn New York, New York		
APPROVED BY DRAFT	LOGGED BY J. Michaels			
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis		GEOGRAPHIC AREA North Side		
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 6/20/18-6/20/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Soil cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			1.5' recovery.
		Gray, medium to coarse SAND and GRAVEL, some Concrete and Brick (FILL); moist.			
				0.1	
		Dark brown, medium to coarse SAND and GRAVEL, some Concrete, trace brick and fabric (FILL); moist.		0.3	
5		Gray, medium to coarse SAND, some Gravel, little Asphalt and Brick (FILL); moist.			2' recovery.
				0.1	
		Dark brown to brown, fine to medium SAND and SILT, some fine Gravel; moist.		0.1	
10		Dark brown, fine to coarse SAND and SILT, little Gravel; wet.			5' recovery. Odor from 10' to 12' bls.
				35.9	Soil sample X44-SW (11-12) taken for part 375 list parameters.
		Brown, medium to coarse SAND and SILT, some fine Gravel; wet.		9.1	
15		Brown, medium to coarse SAND, some Silt and fine Gravel; wet.		0.7	5' recovery. Soil sample X44-SW (15-16) taken for part 375 list parameters.
		Brown, fine to medium SAND, some Silt, trace fine Gravel; wet.		0.2	Soil sample X44-SW (18-19) taken for part 375 list parameters.
20					

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SOIL BORING LOG

WELL NO. X49	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to coarse SAND, some fine Gravel, little Silt, trace brick and concrete (FILL); moist.			1.5' recovery.
					
					
					
					
					
					
					
					
					
5				0.0	
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					



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SOIL BORING LOG

WELL NO. X53	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Joe Sakellis	GEOGRAPHIC AREA NE Corner	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/20/18-6/20/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT.			3.5' recovery. Odor. Soil sample 53-WC (0-1) taken for part 375 parameters.
		Grey, medium to coarse SAND, some fine Sand and coarse Gravel, little Asphalt and Glass (FILL); moist.			52/53-WC (0-8) for part 375 parameters.
		Dark brown, fine to coarse SAND, some fine Gravel, little Brick and Concrete (FILL); moist.		0.1	
		Light brown, medium to coarse SAND and SILT, some fine to medium gravel, little Asphalt, Brick, and Charcoal (FILL); moist		0.7	
5		Grey to brown, medium to fine SAND and SILT, some Concrete and Charcoal, little Asphalt (FILL); wet.		0.0	3' recovery.
		Brown to dark brown, medium to fine SAND and SILT, some coarse Sand, little Gravel; wet.		0.0	
10		Brown to dark brown, medium to fine SAND and SILT, some fine Gravel; wet.		0.0	Spoil sample 53-EP(8-9) taken for part 375 parameters.
				0.0	4' recovery.
				0.0	
15				0.0	End of boring at 15' bls.

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Fax: (631) 232-9898

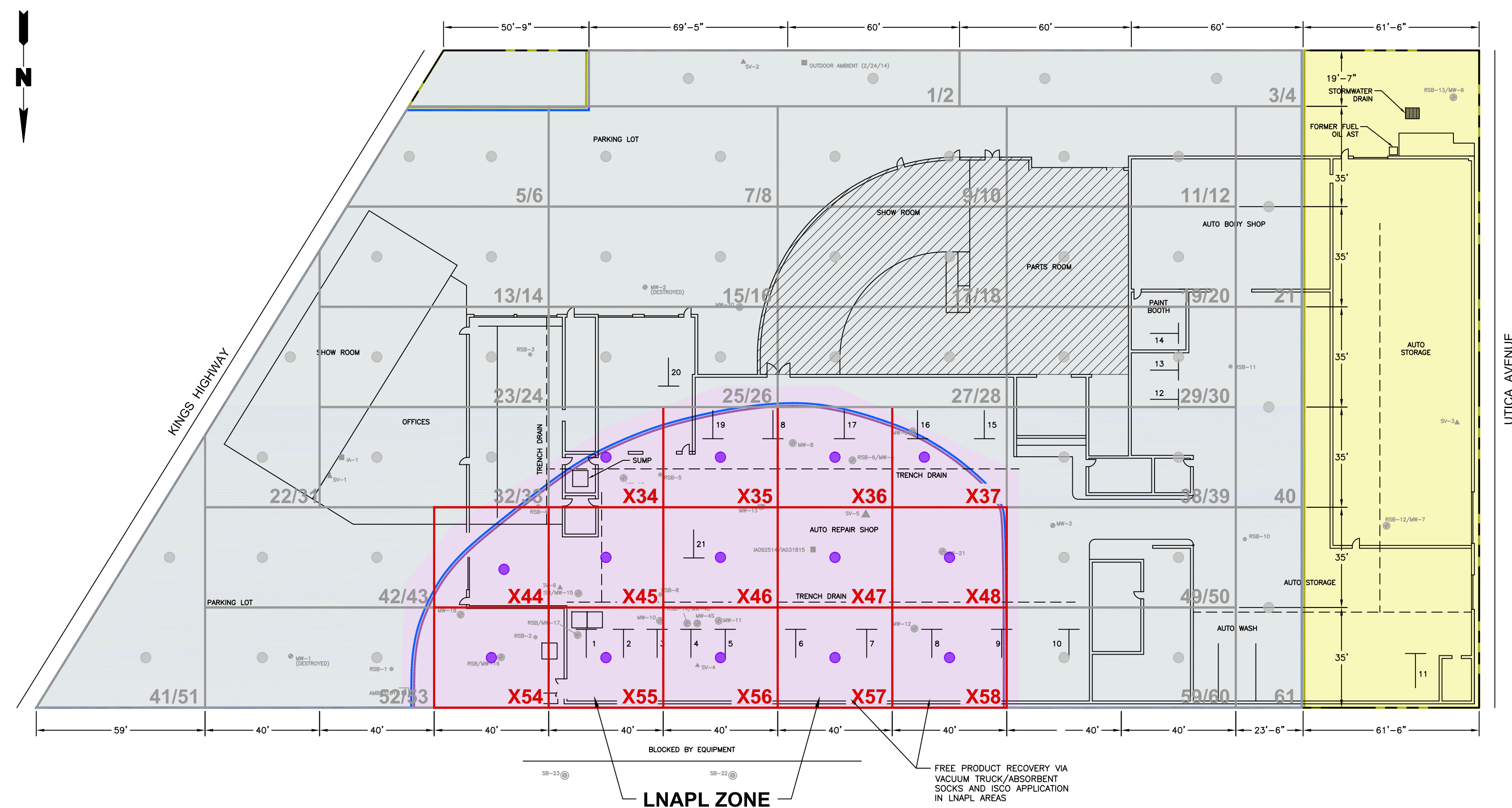
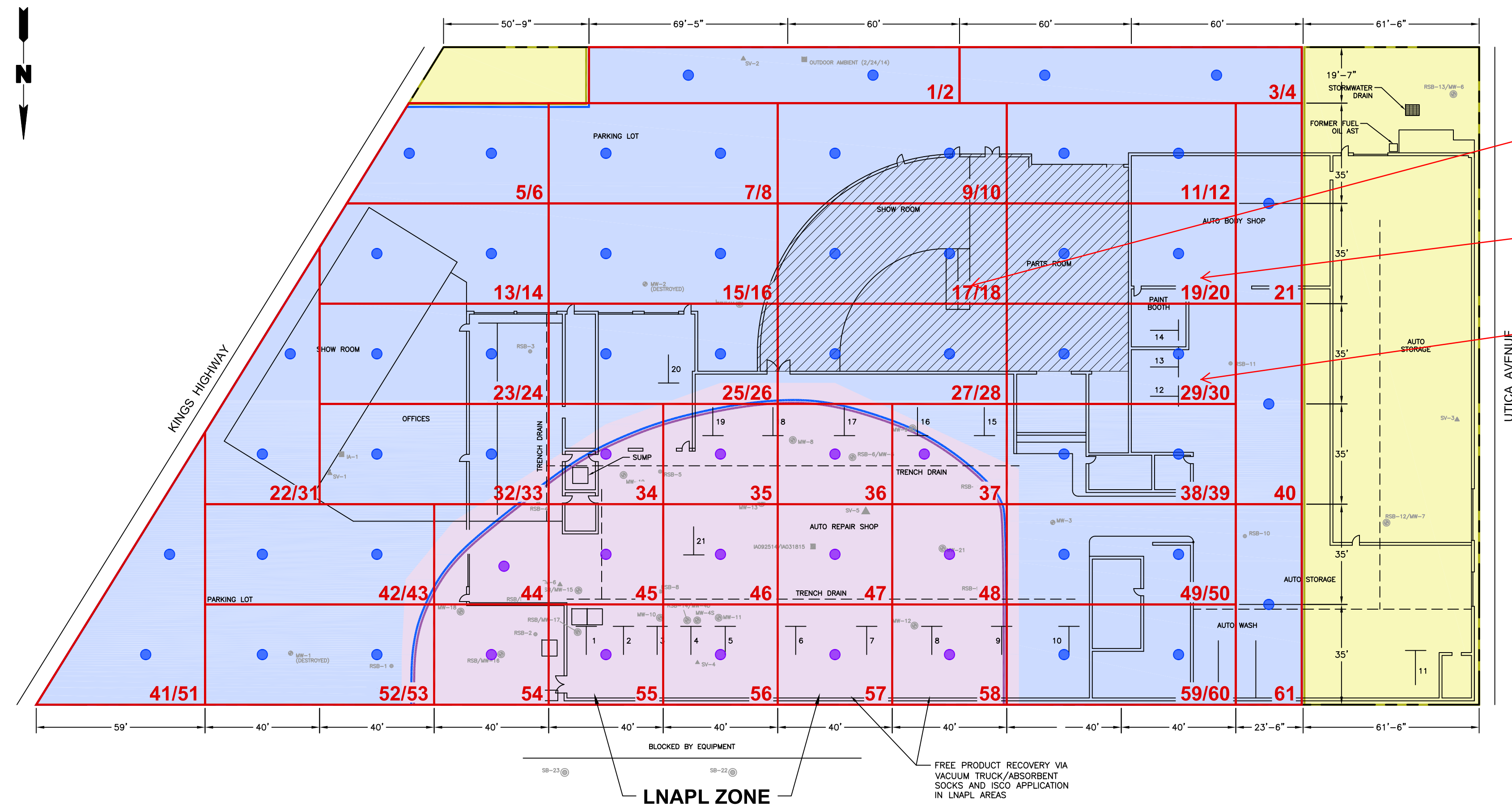
Page 1 of 1

SOIL BORING LOG

WELL NO. X59	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2861.0001Y000 / Former Kristal Auto Mall	LOCATION East Flatbush, Brooklyn	
APPROVED BY DRAFT	LOGGED BY J. Michaels	New York, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental Corp. / Spiro	GEOGRAPHIC AREA North Side	
DRILL BIT DIAMETER/TYPE 3-inches / Direct push	BOREHOLE DIAMETER 3-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 6/22/18-6/22/18
		BACKFILL Soil cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, medium to fine SAND and SILT, little fine Gravel, trace concrete (FILL); moist.			1' recovery.
5		Brown, medium to fine SAND and SILT, little fine Gravel, trace asphalt (FILL); moist.		0.0	2' recovery.
		Light brown, fine SAND and SILT, trace fine gravel; wet.		0.0	
10		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		0.0	3' recovery.
		Brown, fine to coarse SAND and SILT, some fine Gravel; wet.		0.0	Soil sample X59-SW (11-12) taken for part 375 list parameters.
15		Brown, medium to fine SAND and SILT, some fine to medium Gravel; wet.		0.0	
		Brown, fine to coarse SAND and SILT, some fine to medium Gravel; wet.		0.0	4' recovery. Soil sample X59-SW (15-16) taken for part 375 list parameters.
				0.0	Soil sample X59-SW (18-19) taken for part 375 list parameters, on HOLD.
20					End of boring at 20' bls.

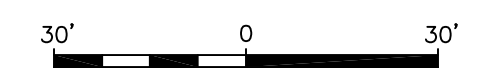
BORING/FEET 2861.0001Y - PDI.WC.GPJ ROUX.GDT 7/12/18



LEGEND	
MW-1 ☐	EXISTING MONITORING WELL
MW-4 ☉	EXISTING MONITORING WELL INSTALLED BY ROUX ASSOCIATES
RSB-5 ☉	EXISTING SOIL SAMPLE
SV-1 ▲	EXISTING SOIL VAPOR SAMPLE POINT
SB-22 ☉	SB-22 AND SB-23 HISTORICAL SOIL BORINGS INSTALLED BY TESTWELL LABORATORIES, INC. 2007
IA-1 ■	INDOOR/AMBIENT AIR SAMPLE
16	NON FUNCTIONING HYDRAULIC LIFTS WITH DESIGNATION
	AREA NOT EXCAVATED (PENDING PRE-DELINEATION SAMPLING)
	AREA TO BE EXCAVATED TO 11 FEET BELOW GRADE
	AREA TO BE EXCAVATED UP TO 19 FEET BELOW GRADE (LNAPL ZONE)
	GRID AND CELL NUMBER
	PROPOSED WASTE CHARACTERIZATION BORING
	PROPOSED WASTE CHARACTERIZATION BORING FOR LNAPL ZONE

SOURCE

BASEMAP ADAPTED FROM TESTWELL LABORATORIES, INC, PHASE II
ESA, DATE: 9/5/07



Title:			
	WASTE CHARACTERIZATION		
	KRISTAL AUTO MALL 5200 KINGS HIGHWAY BROOKLYN, NEW YORK 11234		
Prepared For:	BRIDGES DEVELOPMENT GROUP		
	Compiled by: W.S.	Date: 12APR18	PLATE
	Prepared by: G.M.	Scale: AS SHOWN	2
	Project Mgr: W.S.	Project: 2861.0001Y000	
	File: 2861.0001Y102.09.DWG		

Hazardous Lead Hotspot Delineation Report

Notes Utilized Throughout Tables	
Soil Tables	
J - Estimated value	
U - Indicates that the compound was analyzed for but not detected	
P - The RPD between the results for the two columns exceeds the method-specified criteria	
I - The lower value for the two columns has been reported due to obvious interference	
RPD - Relative Percent Difference	
ft bls - Feet below land surface	
NA - Compound was not analyzed for by laboratory	
µg/kg - Micrograms per kilogram	
mg/kg - Milligrams per kilogram	
su - Standard units	
NJDEP - New Jersey Department of Environmental Protection	
-- No NJDEP Soil Remediation Standards available	
Bold data indicates that parameter was detected above the NJDEP Residential Soil Remediation Standards	
Shaded data indicates that parameter was detected above the NJDEP Impact to Groundwater Soil Remediation Standards	
TCLP Tables	
mg/L - Milligrams per liter	
su - Standard units	
USEPA - United States Environmental Protection Agency	
TCLP - Toxicity Characteristic Leaching Procedure	
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity	
RCRA - Resource Conservation and Recovery Act	
Bold - Parameter was detected above USEPA Regulatory Levels	

Table 1. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

Sample Designation:			61-WC (0-7)	DL-61-E-5 (2.5-3)	DL-61-E-5 (6.5-7)	DL-61-N-5 (2.5-3)	DL-61-N-5 (6.5-7)	DL-61-S-5 (2.5-3)
Sample Date:			06/26/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units						
Arsenic	5	MG/L	1 U	NA	NA	NA	NA	NA
Barium	100	MG/L	0.349 J	NA	NA	NA	NA	NA
Cadmium	1	MG/L	0.011 J	NA	NA	NA	NA	NA
Chromium, Total	5	MG/L	0.2 U	NA	NA	NA	NA	NA
Copper	--	MG/L	0.025 J	NA	NA	NA	NA	NA
Lead	5	MG/L	6.94	0.036 J	0.5 U	0.299 J	0.5 U	0.229 J
Mercury	0.2	MG/L	0.001 U	NA	NA	NA	NA	NA
Nickel	--	MG/L	0.5 U	NA	NA	NA	NA	NA
Selenium	1	MG/L	0.5 U	NA	NA	NA	NA	NA
Silver	5	MG/L	0.1 U	NA	NA	NA	NA	NA
Zinc	--	MG/L	3.58	NA	NA	NA	NA	NA

Table 1. Summary of TCLP Metals in Soil, 5200 Kings Highway, Brooklyn, New York

Sample Designation:			DL-61-S-5 (6.5-7)	DL-61-W-5 (2.5-3)	DL-61-W-5 (6.5-7)
Sample Date:			08/31/2018	08/31/2018	08/31/2018
Parameter	USEPA Regulatory Levels (mg/L)	Units			
Arsenic	5	MG/L	NA	NA	NA
Barium	100	MG/L	NA	NA	NA
Cadmium	1	MG/L	NA	NA	NA
Chromium, Total	5	MG/L	NA	NA	NA
Copper	--	MG/L	NA	NA	NA
Lead	5	MG/L	0.5 U	1.14	0.5 U
Mercury	0.2	MG/L	NA	NA	NA
Nickel	--	MG/L	NA	NA	NA
Selenium	1	MG/L	NA	NA	NA
Silver	5	MG/L	NA	NA	NA
Zinc	--	MG/L	NA	NA	NA



ANALYTICAL REPORT

Lab Number:	L1834571
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Wendy Shen
Phone:	(631) 232-2600
Project Name:	FORMER KRISTAL AUTO MALL
Project Number:	2861.0001Y000
Report Date:	09/07/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834571

Report Date: 09/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1834571-01	DL-61-E-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:15	08/31/18
L1834571-02	DL-61-E-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:20	08/31/18
L1834571-03	DL-61-E-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:25	08/31/18
L1834571-04	DL-61-E-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:30	08/31/18
L1834571-05	DL-61-S-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:35	08/31/18
L1834571-06	DL-61-S-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:40	08/31/18
L1834571-07	DL-61-S-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:45	08/31/18
L1834571-08	DL-61-S-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 09:50	08/31/18
L1834571-09	DL-61-W-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:15	08/31/18
L1834571-10	DL-61-W-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:20	08/31/18
L1834571-11	DL-61-W-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:30	08/31/18
L1834571-12	DL-61-W-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:35	08/31/18
L1834571-13	DL-61-N-10 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:45	08/31/18
L1834571-14	DL-61-N-10 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:50	08/31/18
L1834571-15	DL-61-N-5 (2.5-3)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 10:55	08/31/18
L1834571-16	DL-61-N-5 (6.5-7)	SOIL	5200 KINGS HIGHWAY, BROOKLYN, NY 10021	08/31/18 11:00	08/31/18

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Case Narrative (continued)

Report Submission

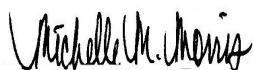
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 09/07/18

METALS

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-03

Date Collected: 08/31/18 09:25

Client ID: DL-61-E-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.036	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:03	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-03

Date Collected: 08/31/18 09:25

Client ID: DL-61-E-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	530		mg/kg	2.29	0.123	1	09/06/18 15:40	09/07/18 00:38	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-04

Date Collected: 08/31/18 09:30

Client ID: DL-61-E-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:07	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-04

Date Collected: 08/31/18 09:30

Client ID: DL-61-E-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	18.9		mg/kg	2.32	0.124	1	09/06/18 15:40	09/07/18 00:43	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-07

Date Collected: 08/31/18 09:45

Client ID: DL-61-S-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.229	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:12	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-07

Date Collected: 08/31/18 09:45

Client ID: DL-61-S-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1790		mg/kg	2.50	0.134	1	09/06/18 15:40	09/07/18 00:47	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-08

Date Collected: 08/31/18 09:50

Client ID: DL-61-S-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:16	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-08

Date Collected: 08/31/18 09:50

Client ID: DL-61-S-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	85.5		mg/kg	2.32	0.124	1	09/06/18 15:40	09/07/18 00:52	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-09

Date Collected: 08/31/18 10:15

Client ID: DL-61-W-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst

TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	1.14		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:21	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-09

Date Collected: 08/31/18 10:15

Client ID: DL-61-W-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1410		mg/kg	2.10	0.113	1	09/06/18 15:40	09/07/18 00:56	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-10

Date Collected: 08/31/18 10:20

Client ID: DL-61-W-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:34	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-10

Date Collected: 08/31/18 10:20

Client ID: DL-61-W-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	59.7		mg/kg	2.39	0.128	1	09/06/18 15:40	09/07/18 01:00	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-15

Date Collected: 08/31/18 10:55

Client ID: DL-61-N-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.299	J	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:39	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-15

Date Collected: 08/31/18 10:55

Client ID: DL-61-N-5 (2.5-3)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	914		mg/kg	2.36	0.127	1	09/06/18 15:40	09/07/18 01:04	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-16

Date Collected: 08/31/18 11:00

Client ID: DL-61-N-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/02/18 19:48

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 14:44	EPA 3015	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**SAMPLE RESULTS**

Lab ID: L1834571-16

Date Collected: 08/31/18 11:00

Client ID: DL-61-N-5 (6.5-7)

Date Received: 08/31/18

Sample Location: 5200 KINGS HIGHWAY, BROOKLYN, NY 10021

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	25.3		mg/kg	2.29	0.122	1	09/06/18 15:40	09/07/18 01:09	EPA 3050B	1,6010D	AB



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04,07-10,15-16 Batch: WG1154290-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	09/06/18 15:40	09/06/18 22:17	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 03-04,07-10,15-16 Batch: WG1154525-1									
Lead, TCLP	ND	mg/l	0.500	0.027	1	09/07/18 09:01	09/07/18 12:16	1,6010D	PE

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/02/18 19:48

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Project Number: 2861.0001Y000

Lab Number: L1834571

Report Date: 09/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 Batch: WG1154290-2 SRM Lot Number: D102-540								
Lead, Total	85		-		82-118	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 Batch: WG1154525-2								
Lead, TCLP	94		-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: FORMER KRISTAL AUTO MALL

Lab Number: L1834571

Project Number: 2861.0001Y000

Report Date: 09/07/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154290-3 QC Sample: L1834378-02 Client ID: MS Sample												
Lead, Total	11.8	43.2	68.2	130	Q	-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154525-3 QC Sample: L1834500-01 Client ID: MS Sample												
Lead, TCLP	0.045J	5.1	4.64	91		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154290-4 QC Sample: L1834378-02 Client ID: DUP Sample						
Lead, Total	11.8	14.4	mg/kg	20		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03-04,07-10,15-16 QC Batch ID: WG1154525-4 QC Sample: L1834500-01 Client ID: DUP Sample						
Lead, TCLP	0.045J	0.067J	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-03**Client ID:** DL-61-E-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:25**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-04**Client ID:** DL-61-E-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:30**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-07**Client ID:** DL-61-S-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:45**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-08**Client ID:** DL-61-S-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 09:50**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-09**Client ID:** DL-61-W-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:15**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-10**Client ID:** DL-61-W-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:20**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-15**Client ID:** DL-61-N-5 (2.5-3)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 10:55**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Project Name: FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18**SAMPLE RESULTS****Lab ID:** L1834571-16**Client ID:** DL-61-N-5 (6.5-7)**Sample Location:** 5200 KINGS HIGHWAY, BROOKLYN, NY 10021**Date Collected:** 08/31/18 11:00**Date Received:** 08/31/18**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	09/01/18 09:57	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER KRISTAL AUTO MALL**Project Number:** 2861.0001Y000**Lab Number:** L1834571**Report Date:** 09/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
- Associated sample(s): 01-16 QC Batch ID: WG1152906-1 QC Sample: L1834571-01 Client ID: DL-61-E-10 (2.5-3)						
Solids, Total	67.0	69.3	%	3		20

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-01X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-02X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-03B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-03X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-04B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-04X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-04X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-05X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-06B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-06X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-06X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-07B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-07X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-07X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-08B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-08X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-08X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-09B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-09X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-09X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-10B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-10X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-10X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-11X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-12X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-13B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-13X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)

Project Name: FORMER KRISTAL AUTO MALL**Lab Number:** L1834571**Project Number:** 2861.0001Y000**Report Date:** 09/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1834571-13X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		HOLD-METAL(180)
L1834571-14X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-15A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-15B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-15X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-15X9	Tumble Vessel	B	NA		3.3	Y	Absent		-
L1834571-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.3	Y	Absent		PB-TI(180)
L1834571-16B	Glass 250ml/8oz unpreserved	B	NA		3.3	Y	Absent		TS(7)
L1834571-16X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.3	Y	Absent		PB-CI(180)
L1834571-16X9	Tumble Vessel	B	NA		3.3	Y	Absent		-

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: FORMER KRISTAL AUTO MALL
Project Number: 2861.0001Y000

Lab Number: L1834571
Report Date: 09/07/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>8/31/18</u>		ALPHA Job # <u>L1834571</u>						
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288										
Client Information		Project Information Project Name: <u>FORMER KRISTAL AUTO MALL</u> Project Location: <u>5200 KINGS HIGHWAY, BROOKLYN, NY</u> Project # <u>2861.0001Y000</u> (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #						
Client: <u>ROUX ENV ENG & GEOLOGY PC</u> Address: <u>209 SNAFTER STREET</u> <u>ISLANDIA, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>rhenke@rouxinc.com</u>		Project Manager: <u>ROUX: Wendy Shan Alpha: Koryn Raymond</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____				Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:						
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>please cc results to rhenke@rouxinc.com</u> Please specify Metals or TAL.						ANALYSIS		Sample Filtration						
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		TOTAL LEAD TCLP LEAD		☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottle
34571 - 01		DL-61-E-10(2.5-3)		8/31/18 915		S		RRH		X X				2
-02		DL-61-E-10(6.5-7)		920		I		I		I I				
-03		DL-61-E-5(2.5-3)		925		I		I		I I				
-04		DL-61-E-5(6.5-7)		930		I		I		I I				
-05		DL-61-S-10(2.5-3)		935		I		I		I I				
-06		DL-61-S-10(6.5-7)		940		I		I		I I				
-07		DL-61-S-5(2.5-3)		945		I		I		I I				
-08		DL-61-S-5(6.5-7)		950		I		I		I I				
-09		DL-61-W-5(2.5-3)		1015		I		I		I I				
-10		DL-61-W-5(6.5-7)		1020		I		I		I I				
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A				Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By: <u>Rachel S. Santos</u> Date/Time: <u>8/31/18 1230</u>		Received By: <u>D. Santos</u> Date/Time: <u>8/31/18 1800</u>		Relinquished By: <u>D. Santos</u> Date/Time: <u>8/31/18 2300</u>		Received By: <u>[Signature]</u> Date/Time: <u>8/31/18 2300</u>								

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>2</u> of <u>2</u>		Date Rec'd in Lab <u>8/31/18</u>		ALPHA Job # <u>L1834571</u>					
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3298		Project Information Project Name: <u>FORMER KRISTAL AUTO MALL</u> Project Location: <u>5200 KINGS HIGHWAY, BROOKLYN, NY</u> Project # <u>2861.0001Y000</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #			
Client Information Client: <u>ROUX ENV ENG & GEOLOGY</u> Address: <u>709 SWARTER STREET</u> <u>ISLANDIA, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>wshen@rouxinc.com</u>		Project Manager: <u>ROUX: Wendy Shen Alpha: Kryn Raymond</u> ALPHAQuote #:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:							
These samples have been previously analyzed by Alpha ☐		Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottle					
Other project specific requirements/comments: <u>please cc results to rhenke@rouxinc.com</u>		Please specify Metals or TAL.		TOTAL LEAD TCLP LEAD		Sample Specific Comments							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		TOTAL LEAD TCLP LEAD		Sample Specific Comments	
34571 - 11		DL-61-W-10(2.5-3)		8/31/18 1030		S		RRH		X		2	
- 12		DL-61-W-10(6.5-7)		1035		↓		↓		↓		2	
- 13		DL-61-N-10(2.5-3)		1045		↓		↓		↓		2	
- 14		DL-61-N-10(6.5-7)		1050		↓		↓		↓		2	
- 15		DL-61-N-5(2.5-3)		1055		↓		↓		↓		2	
- 16		DL-61-N-5(6.5-7)		1100		↓		↓		↓		2	
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
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Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time					
		D. Santos		8/31/18 1230		D. Santos		8/31/18 1230					
		D. Santos		8/31/18 1520		D. Santos		8/31/18 1800					
		D. Santos		8/31/18 2300		D. Santos		8/31/18 2300					