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Table 1. Soil Cleanup Objectives for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (mg/kg)	CAS Registry Number	NYSDEC Part 375 Protection of Groundwater	NYSDEC Part 375 Restricted Residential	NYSDEC CP-51 Gasoline Contaminated
General Chemistry				
Chromium, Trivalent	16065-83-1	--	180	--
Solids, Total	NONE	--	--	--
Cyanide, Total	57-12-5	40	27	--
Chromium, Hexavalent	18540-29-9	19	110	--
Semivolatile Organics by GC/MS				
Acenaphthene	83-32-9	98	100	--
Hexachlorobenzene	118-74-1	1.4	1.2	--
Fluoranthene	206-44-0	1000	100	--
Naphthalene	91-20-3	12	100	--
Benzo(a)anthracene	56-55-3	1	1	--
Benzo(a)pyrene	50-32-8	22	1	--
Benzo(b)fluoranthene	205-99-2	1.7	1	--
Benzo(k)fluoranthene	207-08-9	1.7	3.9	--
Chrysene	218-01-9	1	3.9	--
Acenaphthylene	208-96-8	107	100	--
Anthracene	120-12-7	1000	100	--
Benzo(ghi)perylene	191-24-2	1000	100	--
Fluorene	86-73-7	386	100	--
Phenanthrene	85-01-8	1000	100	--
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	--
Indeno(1,2,3-cd)Pyrene	193-39-5	8.2	0.5	--
Pyrene	129-00-0	1000	100	--
Dibenzofuran	132-64-9	6.2	59	--
Pentachlorophenol	87-86-5	0.8	6.7	--
Phenol	108-95-2	0.33	100	--
2-Methylphenol	95-48-7	0.33	100	--
3-Methylphenol/4-Methylphenol	108-39-4	0.33	100	--
Total Metals				
Arsenic, Total	7440-38-2	16	16	--
Barium, Total	7440-39-3	820	400	--
Beryllium, Total	7440-41-7	47	72	--
Cadmium, Total	7440-43-9	7.5	4.3	--
Copper, Total	7440-50-8	1720	270	--
Chromium, Total	7440-47-3	--	--	--
Lead, Total	7439-92-1	450	400	--
Manganese, Total	7439-96-5	2000	2000	--
Mercury, Total	7439-97-6	0.73	0.81	--
Nickel, Total	7440-02-0	130	310	--
Selenium, Total	7782-49-2	4	180	--

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Parameter (mg/kg)	CAS Registry Number	NYSDEC Part 375 Protection of Groundwater	NYSDEC Part 375 Restricted Residential	NYSDEC CP-51 Gasoline Contaminated
Silver, Total	7440-22-4	8.3	180	--
Zinc, Total	7440-66-6	2480	10000	--
Volatile Organics by GC/MS				
1,1,1-Trichloroethane	71-55-6	0.68	100	--
1,1-Dichloroethane	75-34-3	0.27	26	--
1,1-Dichloroethene	75-35-4	0.33	100	--
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6
1,2-Dichlorobenzene	95-50-1	1.1	100	--
1,2-Dichloroethane	107-06-2	0.02	3.1	--
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4
1,3-Dichlorobenzene	541-73-1	2.4	49	--
1,4-Dichlorobenzene	106-46-7	1.8	13	--
1,4-Dioxane	123-91-1	0.1	13	--
2-Butanone	78-93-3	0.12	100	--
Acetone	67-64-1	0.05	100	--
Benzene	71-43-2	0.06	4.8	0.06
Carbon tetrachloride	56-23-5	0.76	2.4	--
Chlorobenzene	108-90-7	1.1	100	--
Chloroform	67-66-3	0.37	49	--
cis-1,2-Dichloroethene	156-59-2	0.25	100	--
Ethylbenzene	100-41-4	1	41	1
Isopropylbenzene	98-82-8	--	2.3	2.3
Methyl tert butyl ether	1634-04-4	0.93	100	0.93
Methylene chloride	75-09-2	0.05	100	--
n-Butylbenzene	104-51-8	12	100	12
n-Propylbenzene	103-65-1	3.9	100	3.9
o-Xylene	95-47-6	--	--	--
p/m-Xylene	179601-23-1	--	--	--
sec-Butylbenzene	135-98-8	11	100	11
tert-Butylbenzene	98-06-6	5.9	100	5.9
Tetrachloroethene	127-18-4	1.3	19	--
Toluene	108-88-3	0.7	100	0.7
trans-1,2-Dichloroethene	156-60-5	0.19	100	--
Trichloroethene	79-01-6	0.47	21	--
Vinyl chloride	75-01-4	0.02	0.9	--
Xylenes, Total	1330-20-7	1.6	100	0.26

Notes

mg/kg - Milligrams per kilogram

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Protection of Groundwater or Restricted-Residential Standards available

Table 2. Summary of Volatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-01 9/30/2015 2 - 3	SC-01 9/30/2015 3 - 5	SC-02 9/30/2015 2 - 3	SC-02 9/30/2015 3 - 5	SC-03 9/30/2015 2 - 3	SC-03 9/30/2015 3 - 5
1,1,1-Trichloroethane	100000	680		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
1,1,2,2-Tetrachloroethane	--	--		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
1,1,2-Trichloroethane	--	--		240 UD	2.2 U	2 U	130 U	84 U	2.1 U
1,1-Dichloroethane	26000	270		240 UD	2.2 U	2 U	130 U	84 U	2.1 U
1,1-Dichloroethene	100000	330		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
1,2,3-Trichlorobenzene	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
1,2,4-Trichlorobenzene	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
1,2-Dibromoethane	--	--		640 UD	6 U	5.3 U	350 U	220 U	5.5 U
1,2-Dichlorobenzene	100000	1100		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
1,2-Dichloroethane	3100	20		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
1,2-Dichloropropane	--	--		560 UD	5.2 U	4.6 U	310 U	200 U	4.8 U
1,3,5-Trimethylbenzene	52000	8400		3400 D	66	6.6 U	29 J	180 J	0.33 J
1,3-Dichlorobenzene	49000	2400		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
1,4-Dichlorobenzene	13000	1800		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
1,4-Dioxane	13000	100		16000 UD	150 U	130 U	8800 U	5600 U	140 U
2-Butanone (MEK)	100000	120		1600 UD	19	13 U	880 U	560 U	14 U
2-Hexanone	--	--		1600 UD	15 U	13 U	880 U	560 U	14 U
4-Methyl-2-pentanone (MIBK)	--	--		1600 UD	15 U	13 U	880 U	560 U	14 U
Acetone	100000	50		1600 UVD	140	17	2000	560 UV	14 U
Benzene	4800	60		160 UD	1.5 U	1.3 U	88 U	12 J	1.4 U
Bromochloromethane	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
Bromodichloromethane	--	--		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Bromoform	--	--		640 UD	6 U	5.3 U	350 U	220 U	5.5 U
Bromomethane	--	--		320 UD	3 U	2.6 U	180 U	110 U	2.7 U
Carbon disulfide	--	--		1600 UD	15 U	13 U	880 U	560 U	14 U
Carbon tetrachloride	2400	760		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Chlorobenzene	100000	1100		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Chloroethane	--	--		320 UD	3 U	2.6 U	180 U	110 U	2.7 U
Chloroform	49000	370		240 UD	2.2 U	2 U	130 U	84 U	2.1 U
Chloromethane	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
cis-1,2-Dichloroethene	100000	250		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
cis-1,3-Dichloropropene	--	--		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Cyclohexane	--	--		NA	NA	NA	NA	NA	NA
Dibromochloromethane	--	--		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Dibromochloropropane	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
Dichlorodifluoromethane	--	--		1600 UD	15 U	13 U	880 U	560 U	14 U
Ethylbenzene	41000	1000		140 JD	9.9	1.3 U	88 U	120	1.4 U
Freon 113	--	--		3200 UD	30 U	26 U	1800 U	1100 U	27 U
Isopropylbenzene	--	2300		400 D	20	1.3 U	88 U	24 J	1.4 U

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Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-01 9/30/2015 2 - 3	SC-01 9/30/2015 3 - 5	SC-02 9/30/2015 2 - 3	SC-02 9/30/2015 3 - 5	SC-03 9/30/2015 2 - 3	SC-03 9/30/2015 3 - 5
m+p-Xylene	--	--		690 D	38	2.6 U	180 U	1000	0.77 J
Methyl acetate	--	--		NA	NA	NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA	NA	NA
Methylene chloride	100000	50		1600 UD	15 U	13 U	880 U	560 U	14 U
MTBE	100000	930		320 UD	3 U	2.6 U	180 U	110 U	2.7 U
n-Propylbenzene	100000	3900		940 D	34	1.3 U	88 U	210	1.4 U
o-Xylene	--	--		400 D	25	2.6 U	180 U	280	2.7 U
sec-Butylbenzene	100000	11000		880 D	10	1.3 U	88 U	21 J	1.4 U
Styrene	--	--		320 UD	3 U	2.6 U	180 U	110 U	2.7 U
tert-Butylbenzene	100000	5900		130 JD	7.5 U	6.6 U	440 U	280 U	6.9 U
Tetrachloroethene	19000	1300		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Toluene	100000	700		52 JD	2.2	2 U	130 U	220	2.1 U
trans-1,2-Dichloroethene	100000	190		240 UD	2.2 U	2 U	130 U	84 U	2.1 U
trans-1,3-Dichloropropene	--	--		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Trichloroethene	21000	470		160 UD	1.5 U	1.3 U	88 U	56 U	1.4 U
Trichlorofluoromethane	--	--		800 UD	7.5 U	6.6 U	440 U	280 U	6.9 U
Vinyl chloride	900	20		320 UD	3 U	2.6 U	180 U	110 U	2.7 U
Xylenes (total)	100000	1600		1100 D	63	2.6 U	180 U	1300	0.77 J

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 2. Summary of Volatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SP-GARAGE 10/21/2015 0 - 50	SP-GARAGE 10/21/2015 50 - 100	SP-SHED 10/21/2015 0 - 50	SP-SHED 10/21/2015 50 - 100
1,1,1-Trichloroethane	100000	680		1.2 U	1.1 U	1.1 U	58 UD
1,1,2,2-Tetrachloroethane	--	--		1.2 U	1.1 U	1.1 U	58 UD
1,1,2-Trichloroethane	--	--		1.7 U	1.6 U	1.6 U	87 UD
1,1-Dichloroethane	26000	270		1.7 U	1.6 U	1.6 U	87 UD
1,1-Dichloroethene	100000	330		1.2 U	1.1 U	1.1 U	58 UD
1,2,3-Trichlorobenzene	--	--		5.8 U	5.4 U	5.5 U	290 UD
1,2,4-Trichlorobenzene	--	--		5.8 U	5.4 U	5.5 U	290 UD
1,2-Dibromoethane	--	--		4.6 U	4.3 U	4.4 U	230 UD
1,2-Dichlorobenzene	100000	1100		5.8 U	5.4 U	5.5 U	290 UD
1,2-Dichloroethane	3100	20		1.2 U	1.1 U	1.1 U	58 UD
1,2-Dichloropropane	--	--		4.1 U	3.8 U	3.8 U	200 UD
1,3,5-Trimethylbenzene	52000	8400		5.8 U	5.4 U	5.5 U	380 D
1,3-Dichlorobenzene	49000	2400		5.8 U	5.4 U	5.5 U	290 UD
1,4-Dichlorobenzene	13000	1800		5.8 U	5.4 U	5.5 U	290 UD
1,4-Dioxane	13000	100		120 U	110 U	110 U	5800 UD
2-Butanone (MEK)	100000	120		12 U	11 U	11 U	580 UD
2-Hexanone	--	--		12 U	11 U	11 U	580 UD
4-Methyl-2-pentanone (MIBK)	--	--		12 U	11 U	11 U	580 UD
Acetone	100000	50		12 U	11 U	12	580 UD
Benzene	4800	60		1.2 U	1.1 U	1.1 U	58 UD
Bromochloromethane	--	--		5.8 U	5.4 U	5.5 U	290 UD
Bromodichloromethane	--	--		1.2 U	1.1 U	1.1 U	58 UD
Bromoform	--	--		4.6 U	4.3 U	4.4 U	230 UD
Bromomethane	--	--		2.3 U	2.2 U	2.2 U	120 UD
Carbon disulfide	--	--		12 U	11 U	11 U	580 UD
Carbon tetrachloride	2400	760		1.2 U	1.1 U	1.1 U	58 UD
Chlorobenzene	100000	1100		1.2 U	1.1 U	1.1 U	58 UD
Chloroethane	--	--		2.3 U	2.2 U	2.2 U	120 UD
Chloroform	49000	370		1.7 U	1.6 U	1.6 U	87 UD
Chloromethane	--	--		5.8 U	5.4 U	5.5 U	290 UD
cis-1,2-Dichloroethene	100000	250		1.2 U	1.1 U	1.1 U	58 UD
cis-1,3-Dichloropropene	--	--		1.2 U	1.1 U	1.1 U	58 UD
Cyclohexane	--	--		NA	NA	NA	NA
Dibromochloromethane	--	--		1.2 U	1.1 U	1.1 U	58 UD
Dibromochloropropane	--	--		5.8 U	5.4 U	5.5 U	290 UD
Dichlorodifluoromethane	--	--		12 U	11 U	11 U	580 UD
Ethylbenzene	41000	1000		1.2 U	1.1 U	1.1 U	50 JD
Freon 113	--	--		23 U	22 U	22 U	1200 UD
Isopropylbenzene	--	2300		1.2 U	1.1 U	1.1 U	39 JD

Table 2. Summary of Volatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SP-GARAGE 10/21/2015 0 - 50	SP-GARAGE 10/21/2015 50 - 100	SP-SHED 10/21/2015 0 - 50	SP-SHED 10/21/2015 50 - 100
m+p-Xylene	--	--		2.3 U	2.2 U	2.2 U	240 D
Methyl acetate	--	--		NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA
Methylene chloride	100000	50		12 U	11 U	11 U	580 UD
MTBE	100000	930		2.3 U	2.2 U	2.2 U	120 UD
n-Propylbenzene	100000	3900		1.2 U	1.1 U	1.1 U	58 UD
o-Xylene	--	--		2.3 U	2.2 U	2.2 U	140 D
sec-Butylbenzene	100000	11000		1.2 U	1.1 U	1.1 U	73 D
Styrene	--	--		2.3 U	2.2 U	2.2 U	120 UD
tert-Butylbenzene	100000	5900		5.8 U	5.4 U	5.5 U	290 UD
Tetrachloroethene	19000	1300		1.2 U	1.1 U	1.1 U	58 UD
Toluene	100000	700		1.7 U	1.6 U	1.6 U	31 JD
trans-1,2-Dichloroethene	100000	190		1.7 U	1.6 U	1.6 U	87 UD
trans-1,3-Dichloropropene	--	--		1.2 U	1.1 U	1.1 U	58 UD
Trichloroethene	21000	470		1.2 U	1.1 U	1.1 U	58 UD
Trichlorofluoromethane	--	--		5.8 U	5.4 U	5.5 U	290 UD
Vinyl chloride	900	20		2.3 U	2.2 U	2.2 U	120 UD
Xylenes (total)	100000	1600		2.3 U	2.2 U	2.2 U	380 D

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 3. Summary of Semivolatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-02 9/30/2015 2 - 5	SC-03 9/30/2015 2 - 5	SP-GARAGE 10/21/2015 0 - 100	SP-SHED 10/21/2015 0 - 100
1,1'-Biphenyl	--	--		520 U	480 JD	510 U	340 JD
1,2,4,5-Tetrachlorobenzene	--	--		230 U	1200 UD	220 U	370 UD
2,4,5-Trichlorophenol	--	--		230 U	1200 UD	220 U	370 UD
2,4,6-Trichlorophenol	--	--		140 U	730 UD	130 U	220 UD
2,4-Dichlorophenol	--	--		200 U	1100 UD	200 U	340 UD
2,4-Dimethylphenol	--	--		230 U	1200 UD	220 U	370 UD
2,4-Dinitrophenol	--	--		1100 U	5800 UD	1100 U	1800 UD
2,4-Dinitrotoluene	--	--		230 U	1200 UD	220 U	370 UD
2,6-Dinitrotoluene	--	--		230 U	1200 UD	220 U	370 UD
2-Chloronaphthalene	--	--		230 U	1200 UD	220 U	370 UD
2-Chlorophenol	--	--		230 U	1200 UD	220 U	370 UD
2-Methylnaphthalene	--	--		270 U	1500 D	270 U	1200 D
2-Methylphenol	100000	330		230 U	1200 UD	220 U	370 UD
2-Nitroaniline	--	--		230 U	1200 UD	220 U	370 UD
2-Nitrophenol	--	--		490 U	2600 UD	480 U	810 UD
3&4-Methylphenol	100000	330		330 U	1800 UD	320 U	140 JD
3,3'-Dichlorobenzidine	--	--		230 U	1200 UD	220 U	370 UD
3-Nitroaniline	--	--		230 U	1200 UD	220 U	370 UD
4,6-Dinitro-2-methylphenol	--	--		590 U	3200 UD	580 U	970 UD
4-Bromophenyl phenyl ether	--	--		230 U	1200 UD	220 U	370 UD
4-Chloro-3-methylphenol	--	--		230 U	1200 UD	220 U	370 UD
4-Chloroaniline	--	--		230 U	1200 UD	220 U	370 UD
4-Chlorophenyl phenyl ether	--	--		230 U	1200 UD	220 U	370 UD
4-Nitroaniline	--	--		230 U	1200 UD	220 U	370 UD
4-Nitrophenol	--	--		320 U	1700 UD	310 U	520 UD
Acenaphthene	100000	98000		57 J	3600 D	180 U	5000 D
Acenaphthylene	100000	107000		180 U	3400 D	180 U	750 D
Acetophenone	--	--		230 U	1200 UD	220 U	370 UD
Anthracene	100000	1000000		150	6700 D	44 J	7800 D
Benzo[a]anthracene	1000	1000		470	28000 D	180	13000 D
Benzo[a]pyrene	1000	22000		430	30000 D	170 J	12000 D

Table 3. Summary of Semivolatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-02 9/30/2015 2 - 5	SC-03 9/30/2015 2 - 5	SP-GARAGE 10/21/2015 0 - 100	SP-SHED 10/21/2015 0 - 100
Benzo[b]fluoranthene	1000	1700		590	34000 D	200	15000 D
Benzo[g,h,i]perylene	100000	1000000		330	20000 D	110 J	6900 D
Benzo[k]fluoranthene	3900	1700		220	14000 D	87 J	5900 D
Benzoic Acid	--	--		490 J	3900 UD	720 U	1200 UD
Benzyl Alcohol	--	--		230 U	1200 UD	220 U	370 UD
Bis(2-chloroethoxy)methane	--	--		240 U	1300 UD	240 U	400 UD
Bis(2-chloroethyl) ether	--	--		200 U	1100 UD	200 U	340 UD
bis(2-Chloroisopropyl)ether	--	--		270 U	1500 UD	270 U	450 UD
Bis(2-ethylhexyl) phthalate	--	--		230 U	1200 UD	220 U	370 UD
Butylbenzyl phthalate	--	--		230 U	1200 UD	220 U	140 JD
Carbazole	--	--		55 J	2700 D	220 U	4300 D
Chrysene	3900	1000		520	29000 D	190	13000 D
Dibenzo[a,h]anthracene	330	1000000		87 J	5500 D	130 U	1900 D
Dibenzofuran	59000	210000		230 U	2200 D	220 U	2400 D
Diethyl phthalate	--	--		230 U	1200 UD	220 U	370 UD
Dimethyl phthalate	--	--		230 U	1200 UD	220 U	370 UD
Di-n-butyl phthalate	--	--		230 U	1200 UD	66 J	370 UD
Di-n-octyl phthalate	--	--		230 U	1200 UD	220 U	370 UD
Fluoranthene	100000	1000000		920	46000 D	320	25000 D
Fluorene	100000	386000		230 U	3200 D	220 U	3700 D
Hexachlorobenzene	1200	3200		140 U	730 UD	130 U	220 UD
Hexachlorobutadiene	--	--		230 U	1200 UD	220 U	370 UD
Hexachlorocyclopentadiene	--	--		650 U	3500 UD	640 U	1100 UD
Hexachloroethane	--	--		180 U	980 UD	180 U	300 UD
Indeno[1,2,3-cd]pyrene	500	8200		330	21000 D	110 J	8000 D
Isophorone	--	--		200 U	1100 UD	200 U	340 UD
Naphthalene	100000	12000		230 U	3800 D	220 U	2600 D
Nitrobenzene	--	--		200 U	1100 UD	200 U	340 UD
n-Nitrosodi-n-propylamine	--	--		230 U	1200 UD	220 U	370 UD
n-Nitrosodiphenylamine	--	--		180 U	980 UD	180 U	300 UD
Pentachlorophenol	6700	800		180 U	980 UD	180 U	17000 D

Table 3. Summary of Semivolatile Organic Compounds in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-02	SC-03	SP-GARAGE	SP-SHED
			Sample Date:	9/30/2015	9/30/2015	10/21/2015	10/21/2015
			Sample Depth (ft bls):	2 - 5	2 - 5	0 - 100	0 - 100
Phenanthrene	100000	1000000		780	31000 D	180	23000 D
Phenol	100000	330		230 U	1200 UD	220 U	370 UD
Pyrene	100000	1000000		850	45000 D	320	20000 D

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 4. Summary of Metals in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-02 9/30/2015 2 - 5	SC-03 9/30/2015 2 - 5	SP-GARAGE 10/21/2015 0 - 100	SP-SHED 10/21/2015 0 - 100
Aluminum	--	--		4600	5600	4300	6700
Antimony	--	--		0.99 J	3.5 J	5.4 U	1.2 J
Arsenic	16	16		24	9.3	4.7	10
Barium	400	820		65	110	70	300
Beryllium	72	47		0.30 J	0.17 J	0.20 J	0.27 J
Cadmium	4.3	7.5		1 U	2.8	0.12 J	0.9 U
Calcium	--	--		41000	6600	9300	15000
Chromium	180	--		11	28	10	23
Cobalt	--	--		3.1	5.7	3.7	7.9
Copper	270	1720		15	83	130	110
Iron	--	--		39000	12000	11000	18000
Lead	400	450		53 U	200	97	200
Magnesium	--	--		8800	3000	1600	3300
Manganese	2000	2000		480	100	170	250
Mercury	0.81	0.73		0.03 J	0.22	0.28	0.77
Nickel	310	130		8	24	10	18
Potassium	--	--		710	490	700	2400
Selenium	180	4		2.1 U	2.3 U	2.2 U	0.66 J
Silver	180	8.3		1 U	0.30 J	1.1 U	0.9 U
Sodium	--	--		300	390	280	410
Thallium	--	--		2.1 U	2.3 U	2.2 U	1.8 U
Vanadium	--	--		9.6	30	15	30
Zinc	10000	2480		88	610	260	410

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 5. Summary of Polychlorinated Biphenyls in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-02	SC-03	SP-GARAGE	SP-SHED
			Sample Date:	9/30/2015	9/30/2015	10/21/2015	10/21/2015
			Sample Depth (ft bls):	2 - 5	2 - 5	0 - 100	0 - 100
Aroclor-1016	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1221	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1232	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1242	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1248	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1254	--	--		44.6 U	48.3 U	51.8	1670 D
Aroclor-1260	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1262	--	--		44.6 U	48.3 U	43.1 U	361 UD
Aroclor-1268	--	--		44.6 U	48.3 U	43.1 U	361 UD
PCBS, TOTAL	1000	3200		44.6 U	48.3 U	51.8	1670 D

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 6. Summary of Pesticides and Herbicides in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-02 9/30/2015 2 - 5	SC-03 9/30/2015 2 - 5	SP-GARAGE 10/21/2015 0 - 100	SP-SHED 10/21/2015 0 - 100
2,4,5-T	--	--		NA	NA	NA	NA
2,4,5-TP	100000	3800		NA	NA	NA	NA
2,4-D	--	--		NA	NA	NA	NA
4,4'-DDD	13000	14000		2.12 U	2.31 U	2.07 U	7.77
4,4'-DDE	8900	17000		2.12 U	2.31 U	2.07 U	1.77 U
4,4'-DDT	7900	136000		3.97 U	4.34 U	8.52	66.5 JV
Aldrin	97	190		2.12 U	2.31 U	2.07 U	1.77 U
alpha-BHC	480	20		0.881 U	0.964 U	0.864 U	0.737 U
alpha-Chlordane	4200	2900		2.64 U	2.89 U	2.59 U	2.21 U
beta-BHC	360	90		2.12 U	2.31 U	1.21 J	1.77 U
Chlordane	--	--		17.2 U	18.8 U	16.8 U	14.4 U
delta-BHC	100000	250		2.12 U	2.31 U	2.07 U	1.77 U
Dieldrin	200	100		1.32 U	1.45 U	1.3 U	1.1 U
Endosulfan I	24000	102000		2.12 U	2.31 U	2.07 U	1.77 U
Endosulfan II	24000	102000		2.12 U	3.16 JV	1.12 JV	12.6 JV
Endosulfan sulfate	24000	1000000		0.881 U	0.964 U	0.864 U	0.737 U
Endrin aldehyde	--	--		NA	NA	NA	NA
Endrin ketone	--	--		2.12 U	2.31 U	2.07 U	1.77 U
Endrin	11000	60		0.881 U	3.60 JV	0.864 U	0.737 U
gamma-BHC (Lindane)	1300	100		5.34 JV	0.964 U	0.864 U	0.737 U
gamma-Chlordane	--	--		2.64 U	2.89 U	2.59 UV	2.21 U
Heptachlor epoxide	--	--		3.97 U	4.34 U	3.41 J	14.8 JV
Heptachlor	2100	380		1.06 U	1.16 U	1.04 U	0.884 U
Methoxychlor	--	--		3.97 U	4.34 U	3.89 U	3.32 U
Toxaphene	--	--		39.7 U	43.4 U	38.9 U	33.2 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

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

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

Table 6. Summary of Pesticides and Herbicides in Reuse Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	SC-02 9/30/2015 2 - 5	SC-03 9/30/2015 2 - 5	SP-GARAGE 10/21/2015 0 - 100	SP-SHED 10/21/2015 0 - 100
(Concentrations in µg/kg)	Residential SCO	Groundwater SCO					

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 7. Remediation Disposal and Facilities Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Waste Stream	Quantity	Units	Facility
Non-hazardous Soil	3,598.46	tons	Community Refuse Service, Inc. d.b.a. Cumberland County Landfill located at 142 Vaughn Road, Shippensburg, Pennsylvania
	867.69	tons	Clean Earth of Carteret, Inc. located at 24 Middlesex Avenue, Carteret, New Jersey;
	201.65	tons	Greentree Landfill, LLC. located at 635 Toby Road, Kersey, Pennsylvania;
	120.11	tons	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey; and
	21.96	tons	Western Berks Community Landfill and Recycling Center, LLC located at 455 Poplar Neck Road, Birdsboro, Pennsylvania.
Construction Wastewater	26,640	gallons	Lorco Petroleum Services, located at 450 South Front Street, Elizabeth, New Jersey.
Non-Hazardous Gel/Solid (UST Contents)	130	55-gallon drums	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey
Non-Hazardous Wastewater (UST Contents)	12	275-gallon tote	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey
	14,316	gallons	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey
Non-Hazardous Spent Activated Carbon	20.55	tons	Community Refuse Service, Inc. d.b.a. Cumberland County Landfill located at 142 Vaughn Road, Shippensburg, Pennsylvania
Non-Hazardous Chalk Material	1	55-gallon drum	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey.
Hazardous Piping Contents (Lead)	4	55-gallon drums	Clean Earth of North Jersey, Inc., located at 155 Jacobus Avenue, Kearny, New Jersey.

Table 8. Tabulated Soil Truck Load Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Date	Truck No	Hauler	Plate No	Grid	Facility	Facility Profile Number	Manifest No	Approx. Size	Weight (Tons)
11/18/2015	9	J&D Trucking	AM740D	SP-SHED	Clean Earth- New Jersey	153082958	--	22 CY	25.33
11/18/2015	5	J&D Trucking	AM119B	SP-SHED	Clean Earth- New Jersey	153082958	--	22 CY	25.44
11/18/2015	5	J&D Trucking	AM119B	SP-SHED	Clean Earth- New Jersey	153082958	--	22 CY	21.81
11/18/2015	9	J&D Trucking	AM740D	SP-SHED	Clean Earth- New Jersey	153082958	--	22 CY	22.28
11/23/2015	9	J&D Trucking	AM740D	SP-SHED	Clean Earth- New Jersey	153082959	--	22 CY	25.25
11/25/2015	13	Shirley Express LLC	AS99T	SC-04/5-9	Clean Earth- Carteret	153071695	938261	22 CY	27.34
11/25/2015	8	Shirley Express LLC	AS811V	SC-04/5-9	Clean Earth- Carteret	153071695	938238	22 CY	27.27
11/25/2015	12	Shirley Express LLC	AS116B	SC-04/5-9	Clean Earth- Carteret	153071695	938260	22 CY	29.87
11/25/2015	44	Shirley Express LLC	AS317W	SC-04/5-9	Clean Earth- Carteret	153071695	938259	22 CY	30.99
11/25/2015	28	Shirley Express LLC	AR207R	SC-04/5-9	Clean Earth- Carteret	153071695	938258	22 CY	32.39
11/25/2015	21	Shirley Express LLC	AS837B	SC-04/5-9	Clean Earth- Carteret	153071695	938257	22 CY	33.62
11/25/2015	42	Shirley Express LLC	AS740V	SC-04/5-9	Clean Earth- Carteret	153071695	938256	22 CY	33.11
11/25/2015	16	Shirley Express LLC	AS367A	SC-04/5-9	Clean Earth- Carteret	153071695	938252	22 CY	25.73
11/25/2015	68	Shirley Express LLC	AP493Y	SC-04/5-9	Clean Earth- Carteret	153071695	938255	22 CY	29.73
11/25/2015	36	Shirley Express LLC	AS261B	SC-04/5-9	Clean Earth- Carteret	153071695	938251	22 CY	27.37
11/25/2015	4	Shirley Express LLC	AP494Y	SC-04/5-9	Clean Earth- Carteret	153071695	938253	22 CY	27.65
11/25/2015	40	Shirley Express LLC	AS838B	SC-04/5-9	Clean Earth- Carteret	153071695	938254	22 CY	27.48
12/3/2015	13	Shirley Express LLC	AS999T	SC-04/9-13	Clean Earth- Carteret	153071695	938239	22 CY	33.03
12/3/2015	42	Shirley Express LLC	AS740V	SC-04/9-13	Clean Earth- Carteret	153071695	938241	22 CY	27.31
12/3/2015	28	Shirley Express LLC	AP207R	SC-04/9-13	Clean Earth- Carteret	153071695	938242	22 CY	31.16
12/3/2015	4	Shirley Express LLC	AP494Y	SC-04/9-13	Clean Earth- Carteret	153071695	938243	22 CY	32.36
12/3/2015	36	Shirley Express LLC	AS261B	SC-04/9-13	Clean Earth- Carteret	153071695	938240	22 CY	29.74
12/3/2015	28	Shirley Express LLC	AP207R	SC-04/9-13	Clean Earth- Carteret	153071695	938244	22 CY	31.54
12/3/2014	42	Shirley Express LLC	AS740V	SC-04/9-13	Clean Earth- Carteret	153071695	938248	22 CY	33.64
12/3/2015	13	Shirley Express LLC	AS999T	SC-04/9-13	Clean Earth- Carteret	153071695	938245	22 CY	30.8
12/3/2015	4	Shirley Express LLC	AP494Y	SC-04/9-13	Clean Earth- Carteret	153071695	938246	22 CY	30.83
12/3/2015	36	Shirley Express LLC	AS261B	SC-04/9-13	Clean Earth- Carteret	153071695	938247	22 CY	32.36
12/4/2015	40	Shirley Express LLC	AS838B	SC-04/9-13	Clean Earth- Carteret	153071695	938249	22 CY	34.89
12/4/2015	21	Shirley Express LLC	AS837B	SC-04/9-13	Clean Earth- Carteret	153071695	938250	22 CY	35.55
12/4/2015	68	Shirley Express LLC	AP493Y	SC-04/9-13	Clean Earth- Carteret	153071695	1248554	22 CY	33.43
12/4/2015	16	Shirley Express LLC	AS367X	SC-04/9-13	Clean Earth- Carteret	153071695	1248555	22 CY	32.22
12/4/2015	28	Shirley Express LLC	AP207R	SC-04/9-13	Clean Earth- Carteret	153071695	1248556	22 CY	34.37
12/4/2015	28	Shirley Express LLC	AP207R	SC-04/9-13	Clean Earth- Carteret	153071695	1248564	22 CY	31.91
12/5/2015	21	Shirley Express LLC	AS837B	SC-05/5-9	Clean Earth- New Castle to Site		1248563	22 CY	
12/5/2015	42	Shirley Express LLC	AS740V	SC-05/5-9	Clean Earth- New Castle to Site		1248562	22 CY	
12/5/2015	34	Shirley Express LLC	AS836B	SC-05/5-9	Clean Earth- New Castle to Site		1248561	22 CY	
12/5/2015	25	J&D Trucking	AS678M	SC-05/5-9	Clean Earth- New Castle to Site		1248633	22 CY	
12/5/2015	18	J&D Trucking	AS675M	SC-05/5-9	Clean Earth- New Castle to Site		1248624	22 CY	
12/5/2015	19	J&D Trucking	AN353U	SC-05/5-9	Clean Earth- New Castle to Site		1248625	22 CY	
12/5/2015	24	J&D Trucking	AS677M	SC-05/5-9	Clean Earth- New Castle to Site		1248626	22 CY	
12/5/2015	23	J&D Trucking	AS676M	SC-05/5-9	Clean Earth- New Castle to Site		1248627	22 CY	
12/5/2015	8	Shirley Express LLC	AS811V	SC-05/5-9	Clean Earth- New Castle to Site		1248628	22 CY	
12/5/2015	13	Shirley Express LLC	AS999T	SC-05/5-9	Clean Earth- New Castle to Site		1248632	22 CY	
12/14/2015	7	Prieto Landscaping Services LLC	AS568A	SC-05/5-9	Berks County Landfill	EC Approval #1158312	461229	22 CY	21.96
12/14/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461228	22 CY	35.77
12/14/2015	19	Prieto Landscaping Services LLC	AS733B	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461225	22 CY	31.19
12/14/2015	17	Prieto Landscaping Services LLC	AS673B	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461227	22 CY	32.83
12/14/2015	11	Prieto Landscaping Services LLC	AS690V	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461226	22 CY	34.70
12/14/2015	13	Prieto Landscaping Services LLC	AS691V	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461224	22 CY	32.39
12/14/2015	3212	JGM Trucking LLC	AS933X	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461223	22 CY	27.84
12/14/2015	15	Prieto Landscaping Services LLC	AS692V	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461222	22 CY	33.91
12/14/2015	3	Prieto Landscaping Services LLC	AR559B	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461231	20 CY	28.14
12/15/2015	504	Harley Trucking LLC	AR509B	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461236	22 CY	30.33

Table 8. Tabulated Soil Truck Load Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Date	Truck No	Hauler	Plate No	Grid	Facility	Facility Profile Number	Manifest No	Approx. Size	Weight (Tons)
12/15/2015	505	Harley Trucking LLC	AS315W	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461234	22 CY	21.43
12/15/2015	1	Justin Xpress LLC	AS884T	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461235	22 CY	31.79
12/15/2015	7	Haulers R Us LLC	AS610E	SC-05/5-9	Greentree County Landfill	EC Approval #1158339	461237	22 CY	28.21
12/15/2015	9	Prieto Landscaping Services LLC	AS501D	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461241	22 CY	34.25
12/15/2015	3	JVS Trucking LLC	AS217M	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461240	22 CY	26.98
12/15/2015	4	JVS Trucking LLC	AS879M	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461242	22 CY	22.67
12/15/2015	7	JVS Trucking LLC	AS838N	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461243	22 CY	22.59
12/15/2015	2	Jay's Trucking	AS203T	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461244	22 CY	21.96
12/15/2015	7	Prieto Landscaping Services LLC	AS568A	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461245	22 CY	25.02
12/15/2015	13	Prieto Landscaping Services LLC	AS691V	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461246	22 CY	24.89
12/15/2015	17	Prieto Landscaping Services LLC	AS733B	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461247	22 CY	21.23
12/15/2015	11	Prieto Landscaping Services LLC	AS690V	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461248	22 CY	24.11
12/15/2015	19	Prieto Landscaping Services LLC	AS733B	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461249	22 CY	22.17
12/15/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461250	22 CY	25.54
12/15/2015	11	CF & Brothers Transportation	AS574P	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461251	22 CY	30.59
12/15/2015	10	CF & Brothers Transportation	AS895P	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461252	22 CY	24.96
12/15/2015	71	CF & Brothers Transportation	AP733S	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461253	22 CY	27.34
12/15/2015	3	Prieto Landscaping Services LLC	AR559B	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461254	22 CY	26.09
12/15/2015	15	Prieto Landscaping Services LLC	AS692V	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461255	22 CY	23.34
12/15/2015	88	RJT Hauling Corp.	AS714L	SC-05/5-9	Cumberland County Landfill	EC Approval #1158312	461256	22 CY	27.18
12/16/2015	67	BNS Trucking LLC	AS872U	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461264	22 CY	31.81
12/16/2015	1	JVS Trucking LLC	AR908E	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461263	22 CY	29.07
12/16/2015	98	YKO Trucking LLC	AS996N	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461262	22 CY	32.13
12/16/2015	302	USA Express Transportation	AS605D	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461258	22 CY	31.97
12/16/2015	19	Prieto Landscaping Services LLC	AS733B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461261	22 CY	24.49
12/16/2015	13	Prieto Landscaping Services LLC	AS691V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461268	22 CY	20.58
12/16/2015	11	Prieto Landscaping Services LLC	AS690V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461269	22 CY	29.28
12/16/2015	7	Prieto Landscaping Services LLC	AS568A	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461276	22 CY	25.90
12/16/2015	9	Prieto Landscaping Services LLC	AS501D	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461270	22 CY	20.52
12/16/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461271	22 CY	22.28
12/16/2015	25	Tommy Trucking LLC	AS859R	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461272	22 CY	28.20
12/16/2015	24	King Fence and Construction	AS661V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461273	22 CY	30.56
12/16/2015	6	Mid Haulers LLC	AS263T	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461274	22 CY	28.06
12/16/2015	4	Mid Haulers LLC	AS848F	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461275	22 CY	29.42
12/16/2015	1	Mid Haulers LLC	AP377P	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461277	22 CY	28.24
12/16/2015	3	JVS Trucking LLC	AS214M	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461278	22 CY	28.94
12/16/2015	7	JVS Trucking LLC	AS838N	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461279	22 CY	26.75
12/16/2015	7	Haulers R Us	AS610E	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461280	22 CY	31.69
12/16/2015	1	Justin Express	AS884T	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461281	22 CY	31.30
12/16/2015	15	Prieto Landscaping Services LLC	AS692V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461286	22 CY	21.56
12/16/2015	3	Prieto Landscaping Services LLC	AR559B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461283	22 CY	26.24
12/16/2015	17	Prieto Landscaping Services LLC	AS673B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461282	22 CY	27.94
12/16/2015	77	D Tapia Transport	AS349N	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461287	22 CY	24.92
12/16/2015	10	Sinai Trucking LLC	AS941U	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461288	22 CY	29.32
12/16/2015	11	Sinai Trucking LLC	AS942U	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461232	22 CY	28.99
12/18/2015	9	Prieto Landscaping Services LLC	AS501D	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461289	22 CY	22.16
12/18/2015	7	Prieto Landscaping Services LLC	AS568A	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461290	22 CY	24.12
12/18/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461292	22 CY	25.02
12/18/2015	17	Prieto Landscaping Services LLC	AS673B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461293	22 CY	25.79
12/18/2015	3	Prieto Landscaping Services LLC	AR559B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461294	22 CY	27.09
12/18/2015	501	Harley Trucking LLC	AP503Z	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461295	22 CY	13.57
12/18/2015	22	El Tapia Transport	AP900P	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461296	22 CY	24.70
12/18/2015	504	Harley Trucking LLC	AR509B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461297	22 CY	26.48

Table 8. Tabulated Soil Truck Load Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Date	Truck No	Hauler	Plate No	Grid	Facility	Facility Profile Number	Manifest No	Approx. Size	Weight (Tons)
12/18/2015	19	Prieto Landscaping Services LLC	AS933B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158313	461298	22 CY	25.59
12/18/2015	502	Harley Trucking LLC	AS155K	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461299	22 CY	32.12
12/18/2015	15	Prieto Landscaping Services LLC	AS692V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461218	22 CY	25.56
12/18/2015	24	King Fence and Construction	AS661V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461219	22 CY	27.90
12/18/2015	25	Tommy Trucking LLC	AS859R	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461220	22 CY	23.56
12/18/2015	13	Prieto Landscaping Services LLC	AS691V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461221	22 CY	26.62
12/18/2015	11	CF & Brothers Transportation	AS574P	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461216	22 CY	25.18
12/18/2015	11	Prieto Landscaping Services LLC	AS690V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461217	22 CY	28.04
12/18/2015	3	Etapia Transport	ASP974T	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461215	22 CY	26.81
12/18/2015	1	Justin Express	AS884T	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461213	22 CY	30.47
12/21/2015	15	Prieto Landscaping Services LLC	AS692V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461206	22 CY	26.21
12/21/2015	19	Prieto Landscaping Services LLC	AS933B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461207	22 CY	24.90
12/21/2015	3	Prieto Landscaping Services LLC	AR559B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461208	22 CY	25.65
12/21/2015	17	Prieto Landscaping Services LLC	AS673B	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461209	22 CY	25.04
12/21/2015	13	Prieto Landscaping Services LLC	AS691V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461210	22 CY	22.82
12/21/2015	11	Prieto Landscaping Services LLC	AS690V	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461211	22 CY	21.71
12/21/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461205	22 CY	21.98
12/21/2015	9	Prieto Landscaping Services LLC	AS501D	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461204	22 CY	26.92
12/21/2015	7	Prieto Landscaping Services LLC	AS568A	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461201	22 CY	29.45
12/22/2015	13	Prieto Landscaping Services LLC	AS691V	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461187	22 CY	26.40
12/22/2015	17	Prieto Landscaping Services LLC	AS678B	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461188	22 CY	20.87
12/22/2015	1	Justin Express	AS884T	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461189	22 CY	29.91
12/22/2015	77	Prieto Landscaping Services LLC	AS349N	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461202	22 CY	28.07
12/22/2015	3	Prieto Landscaping Services LLC	AR559B	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461190	22 CY	24.54
12/22/2015	19	Prieto Landscaping Services LLC	AS933B	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461191	22 CY	22.46
12/22/2015	5	Prieto Landscaping Services LLC	AN914Z	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461192	22 CY	25.14
12/22/2015	7	Prieto Landscaping Services LLC	AS568A	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461193	22 CY	25.47
12/22/2015	15	Prieto Landscaping Services LLC	AS692V	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461194	22 CY	25.24
12/23/2015	9	Manolos Trucking	AS874P	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461196	22 CY	28.82
12/23/2015	6	Manolos Trucking	AR497D	SC-04/5-9	Cumberland County Landfill	EC Approval #1158312	461195	22 CY	23.81
12/23/2015	3	Manolos Trucking	AP962W	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461197	22 CY	29.59
12/23/2015	4	JVS Trucking LLC	AS879M	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461198	22 CY	27.18
12/23/2015	10	Manolos Trucking	AS640N	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461199	22 CY	29.84
12/23/2015	11	Prieto Landscaping Services LLC	AS690V	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461177	22 CY	25.57
12/23/2015	7	Manolos Trucking	AR207R	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461178	22 CY	29.53
12/23/2015	8	Manolos Trucking	AS126P	SC-04/9-13	Cumberland County Landfill	EC Approval #1158312	461179	22 CY	31.96
12/28/2015	9	Manolos Trucking	AS874P	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461182	22 CY	31.92
12/28/2015	7	Manolos Trucking	AR207H	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461183	22 CY	32.62
12/28/2015	71	CF & Brothers Transportation	AP733S	SC-05/9-19	Cumberland County Landfill	EC Approval #1158312	461181	22 CY	31.13
1/19/2016	98	YKO Trucking LLC	AS776N	SC-05/5-13	Cumberland County Landfill	EC Approval #1158312	461184	22 CY	30.56
1/19/2016	93	YKO Trucking LLC	AS777Y	SC-05/5-13	Cumberland County Landfill	EC Approval #1158312	461176	22 CY	32.45
1/19/2016	16	RKO Transportation LLC	AN665R	SC-05/5-13	Cumberland County Landfill	EC Approval #1158312	461175	22 CY	25.10
1/19/2016	302	USA Express Transportation	AS605D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461174	22 CY	32.21
1/19/2016	304	USA Express Transportation	AR764A	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461173	22 CY	31.83
1/19/2016	731	HAS Transporation LLC	AP699N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461172	22 CY	28.74
1/19/2016	322	Stewardson Transportation	AR242A	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461171	22 CY	34.73
1/20/2016	302	USA Express Transportation	AS605D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461170	22 CY	27.24
1/20/2016	303	USA Express Transportation	AR286G	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461162	22 CY	27.04
1/20/2016	52	HAS Transporation LLC	AN115M	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461163	22 CY	30.80
1/20/2016	624	HAS Transporation LLC	AP626W	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461164	22 CY	29.73
1/20/2016	98	YKO Trucking LLC	AS776N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461165	22 CY	29.11
1/20/2016	93	YKO Trucking LLC	AS377Y	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461169	22 CY	32.12
1/20/2016	16	RKO Transportation LLC	AN665R	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461168	22 CY	24.81

Table 8. Tabulated Soil Truck Load Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Date	Truck No	Hauler	Plate No	Grid	Facility	Facility Profile Number	Manifest No	Approx. Size	Weight (Tons)
1/20/2016	731	HAS Transporation LLC	AP699N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461166	22 CY	27.56
1/21/2016	52	HAS Transporation LLC	AN115M	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461154	22 CY	26.67
1/21/2016	303	USA Express Transportation	AR286G	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461155	22 CY	32.88
1/21/2016	302	USA Express Transportation	AS605D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461156	22 CY	29.23
1/21/2016	16	RKO Transportation LLC	AN665R	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461157	22 CY	29.06
1/21/2016	93	YKO Trucking LLC	AS377Y	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461159	22 CY	27.53
1/21/2016	17	RKO Transportation LLC	AS550E	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461151	22 CY	23.79
1/21/2016	15	RKO Transportation LLC	AN931D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461152	22 CY	26.84
1/21/2016	98	YKO Trucking LLC	AS776N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461153	22 CY	29.38
1/21/2016	624	HAS Transporation LLC	AP626W	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461160	22 CY	26.95
1/21/2016	731	HAS Transporation LLC	AP699N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461161	22 CY	27.99
1/27/2016	304	USA Express Transportation	AS764D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461145	22 CY	23.93
1/27/2016	52	HAS Transporation LLC	AN115M	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461146	22 CY	31.24
1/27/2016	17	RKO Transportation LLC	AS550E	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461147	22 CY	32.10
1/27/2016	98	YKO Trucking LLC	AS776N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461148	22 CY	27.29
1/27/2016	93	YKO Trucking LLC	AS377Y	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461149	22 CY	29.16
1/27/2016	16	RKO Transportation LLC	AN665R	SC-05/5-13	Cumberland County Landfill	EC Approval #1158312	461150	22 CY	25.18
1/28/2016	624	HAS Transporation LLC	AP628W	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461144	22 CY	28.19
1/28/2016	304	USA Express Transportation	AS764D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461143	22 CY	28.50
1/28/2016	302	USA Express Transportation	AR605D	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461142	22 CY	33.28
1/28/2016	17	RKO Transportation LLC	AS550E	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461141	22 CY	29.91
1/28/2016	93	YKO Trucking LLC	AS377Y	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461139	22 CY	28.13
1/28/2016	98	YKO Trucking LLC	AS776N	SC-04/5-13	Cumberland County Landfill	EC Approval #1158312	461138	22 CY	33.72

Notes

Ten (10) trucks returned from Clean Earth Carteret to the Site on December 6, 2015, to await re-manifestation for a new disposal facility due to high odors in grossly contaminated soil transported off-site on December 5, 2015.

Table 9. Summary of Groundwater Pre and Post-In-Situ Chemical Oxidation (ISCO) Injections, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:		MW-19	MW-19	MW-2R	MW-2R	MW-33	MW-34	MW-34
		Sample Date:		11/24/2015	1/26/2016	11/24/2015	1/26/2016	1/26/2016	11/24/2015	1/26/2016
1,1,1-Trichloroethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1			7.5 UD	3 UD	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane	--			10 UD	4 UD	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1			5 UD	2 UD	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	5			19 D	5.5 D	2.5 U	2.5 U	21	2.7	1.8 J
1,3-Dichlorobenzene	3			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	--			1200 UD	500 UD	250 U	250 U	250 U	250 U	250 U
2-Butanone (MEK)	50			12 JD	10 UD	5 U	5 U	5.8	5 U	6.9
2-Hexanone	50			25 UD	10 UD	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	--			25 UD	10 UD	5 U	5 U	5 U	5 U	5 U
Acetone	50			52 D	10 UD	11	1.8 J	5 U	9.4	4.6 J
Benzene	1			2.5 UD	1 UD	0.5 U	0.5 U	0.40 J	1.2	0.22 J
Bromochloromethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50			10 UD	4 UD	2 U	2 U	2 U	2 U	2 U
Bromomethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	60			25 UD	10 UD	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	--			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,3-Dichloropropene	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	--			NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloropropane	0.04			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichlorodifluoromethane	5			25 UD	10 UD	5 U	5 U	5 U	5 U	5 U

Table 9. Summary of Groundwater Pre and Post-In-Situ Chemical Oxidation (ISCO) Injections, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation:		MW-19	MW-19	MW-2R	MW-2R	MW-33	MW-34	MW-34
		Sample Date:		11/24/2015	1/26/2016	11/24/2015	1/26/2016	1/26/2016	11/24/2015	1/26/2016
Ethylbenzene	5			12 UD	5 UD	2.5 U	2.5 U	2.9	4.3	1.0 J
Freon 113	--			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene	5			57 D	23 D	1.4 J	1.2 J	4.7	58	16
m+p-Xylene	5			12 UD	5 UD	2.5 U	2.5 U	2.1 J	2.5 U	2.5 U
Methyl acetate	--			NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	--			NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
MTBE	10			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
n-Propylbenzene	5			93 D	37 D	2 J	1.4 J	10	78	21
o-Xylene	5			12 UD	5 UD	2.5 U	2.5 U	1.9 J	2.5 U	2.5 U
sec-Butylbenzene	5			34 D	18 D	2 J	1.3 J	6.9	26	11
Styrene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
tert-Butylbenzene	5			15 D	9.6 D	1.4 J	0.88 J	3.4	11	6.2
Tetrachloroethene	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,3-Dichloropropene	--			2.5 UD	1 UD	0.5 U	0.5 U	5	0.5 U	0.5 U
Trichloroethene	5			2.5 UD	1 UD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5			12 UD	5 UD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	2			5 UD	2 UD	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	5			12 UD	5 UD	2.5 U	2.5 U	4.0 J	2.5 U	2.5 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

NA - Compound was not analyzed by laboratory

Table 9. Summary of Groundwater Pre and Post-In-Situ Chemical Oxidation (ISCO) Injections, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	MW-37 11/24/2015	MW-37 1/26/2016	MW-38 11/24/2015	MW-38 1/26/2016	MW-38 DUP 11/24/2015	MW-7R 11/24/2015	MW-7R 1/26/2016
1,1,1-Trichloroethane	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,1,2,2-Tetrachloroethane	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
1,1,2-Trichloroethane	1		3.8 UD	1.5 U	1.5 U	7.5 UD	1.5 U	3.8 UD	3 UD
1,1-Dichloroethane	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,1-Dichloroethene	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
1,2,3-Trichlorobenzene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,2,4-Trichlorobenzene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,2-Dibromoethane	--		5 UD	2 U	2 U	10 UD	2 U	5 UD	4 UD
1,2-Dichlorobenzene	3		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,2-Dichloroethane	0.6		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
1,2-Dichloropropane	1		2.5 UD	1 U	1 U	5 UD	1 U	2.5 UD	2 UD
1,3,5-Trimethylbenzene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,3-Dichlorobenzene	3		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,4-Dichlorobenzene	3		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
1,4-Dioxane	--		620 UD	250 U	250 U	1200 UD	250 U	620 UD	500 UD
2-Butanone (MEK)	50		8.9 JD	10	97	65 D	88	7.4 JD	6.7 JD
2-Hexanone	50		12 UD	5 U	5 U	25 UD	5 U	12 UD	10 UD
4-Methyl-2-pentanone (MIBK)	--		12 UD	5 U	5 U	25 UD	5 U	12 UD	10 UD
Acetone	50		42 D	5	6.6	25 UD	6	110 D	27 D
Benzene	1		1.2 UD	0.5 U	0.16 J	2.5 UD	0.16 J	1.2 UD	1 UD
Bromochloromethane	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Bromodichloromethane	50		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Bromoform	50		5 UD	2 U	2 U	10 UD	2 U	5 UD	4 UD
Bromomethane	5		6.2 UD	2.5 U	2.5 UJV	12 UD	2.5 U	6.2 UD	5 UD
Carbon disulfide	60		12 UD	5 U	5 U	25 UD	5 U	12 UD	10 UD
Carbon tetrachloride	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Chlorobenzene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Chloroethane	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Chloroform	7		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Chloromethane	--		6.2 UD	2.5 U	2.5 UJV	12 UD	2.5 U	6.2 UD	5 UD
cis-1,2-Dichloroethene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
cis-1,3-Dichloropropene	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Cyclohexane	--		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Dibromochloropropane	0.04		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Dichlorodifluoromethane	5		12 UD	5 U	5 U	25 UD	5 U	12 UD	10 UD

Table 9. Summary of Groundwater Pre and Post-In-Situ Chemical Oxidation (ISCO) Injections, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	Sample Designation: Sample Date:	MW-37 11/24/2015	MW-37 1/26/2016	MW-38 11/24/2015	MW-38 1/26/2016	MW-38 DUP 11/24/2015	MW-7R 11/24/2015	MW-7R 1/26/2016
Ethylbenzene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Freon 113	--		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Isopropylbenzene	5		26 D	13	16	5.2 JD	17	9.1 D	14 D
m+p-Xylene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Methyl acetate	--		NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	--		NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
MTBE	10		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
n-Propylbenzene	5		38 D	17	16 JV	5.2 JD	16	11 D	24 D
o-Xylene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
sec-Butylbenzene	5		10 D	2.7	8.9	12 UD	9.3	7.2 D	11 D
Styrene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
tert-Butylbenzene	5		5.3 JD	2.2 J	5.5	12 UD	5.8	5.6 JD	6.0 D
Tetrachloroethene	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Toluene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
trans-1,2-Dichloroethene	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
trans-1,3-Dichloropropene	--		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Trichloroethene	5		1.2 UD	0.5 U	0.5 U	2.5 UD	0.5 U	1.2 UD	1 UD
Trichlorofluoromethane	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD
Vinyl chloride	2		2.5 UD	1 U	1 U	5 UD	1 U	2.5 UD	2 UD
Xylenes (total)	5		6.2 UD	2.5 U	2.5 U	12 UD	2.5 U	6.2 UD	5 UD

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate

- - No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

NA - Compound was not analyzed by laboratory

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	Driveway-B-14	Driveway-B-17_5	Driveway-E-SW-6-8
			Sample Date:	1/21/2016	1/21/2016	1/21/2016
			Sample Depth (ft bls):	14 - 14	17.5 - 17.5	6 - 8
			Shake Test Result^:	FAIL	FAIL	PASS
1,1,1-Trichloroethane	100000	680		1600 U	1600 U	31 U
1,1,2,2-Tetrachloroethane	--	--		1600 U	1600 U	31 U
1,1,2-Trichloroethane	--	--		1600 U	1600 U	31 U
1,1-Dichloroethane	26000	270		1600 U	1600 U	31 U
1,1-Dichloroethene	100000	330		1600 U	1600 U	31 U
1,2,3-Trichlorobenzene	--	--		1600 U	1600 U	31 U
1,2,4-Trichlorobenzene	--	--		1600 U	1600 U	31 U
1,2-Dibromoethane	--	--		1600 U	1600 U	31 U
1,2-Dichlorobenzene	100000	1100		1600 U	1600 U	31 U
1,2-Dichloroethane	3100	20		1600 U	1600 U	31 U
1,2-Dichloropropane	--	--		1600 U	1600 U	31 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		1600 U	1600 U	31 U
1,4-Dichlorobenzene	13000	1800		1600 U	1600 U	31 U
1,4-Dioxane	13000	100		32000 U	32000 U	630 U
2-Butanone (MEK)	100000	120		1600 U	1600 U	31 U
2-Hexanone	--	--		1600 U	1600 U	61 JV
4-Methyl-2-pentanone (MIBK)	--	--		1600 U	1600 U	31 U
Acetone	100000	50		3200 U	3200 U	81 JV
Benzene	4800	60		1600 U	1600 U	31 U
Bromochloromethane	--	--		1600 U	1600 U	31 U
Bromodichloromethane	--	--		1600 U	1600 U	31 U
Bromoform	--	--		1600 U	1600 U	31 U
Bromomethane	--	--		1600 U	1600 U	31 U
Carbon disulfide	--	--		1600 U	1600 U	31 U
Carbon tetrachloride	2400	760		1600 U	1600 U	31 U
Chlorobenzene	100000	1100		1600 U	1600 U	31 U
Chloroethane	--	--		1600 U	1600 U	31 U
Chloroform	49000	370		1600 U	1600 U	31 U
Chloromethane	--	--		1600 U	1600 U	31 U
cis-1,2-Dichloroethene	100000	250		1600 U	1600 U	31 U
cis-1,3-Dichloropropene	--	--		1600 U	1600 U	31 U
Cyclohexane	--	--		1600 U	6700 D	31 U
Dibromochloromethane	--	--		1600 U	1600 U	31 U
Dibromochloropropane	--	--		1600 U	1600 U	31 U
Dichlorodifluoromethane	--	--		1600 U	1600 U	31 U
Ethylbenzene	41000	1000		1600 U	24000 D	31 U

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	Driveway-B-14	Driveway-B-17_5	Driveway-E-SW-6-8
			Sample Date:	1/21/2016	1/21/2016	1/21/2016
			Sample Depth (ft bls):	14 - 14	17.5 - 17.5	6 - 8
			Shake Test Result^:	FAIL	FAIL	PASS
Freon 113	--	--		1600 U	1600 U	31 U
Isopropylbenzene	--	2300		6500 D	22000 D	31 U
m+p-Xylene	--	--		3200 U	69000 D	63 U
Methyl acetate	--	--		1600 U	1600 U	31 U
Methylcyclohexane	--	--		7500 D	45000 D	31 U
Methylene chloride	100000	50		3200 U	3200 U	63 U
MTBE	100000	930		1600 U	1600 U	31 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		1600 U	32000 D	31 U
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		1600 U	1600 U	31 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		1600 U	1600 U	31 U
Toluene	100000	700		1600 U	1600 U	31 U
trans-1,2-Dichloroethene	100000	190		1600 U	1600 U	31 U
trans-1,3-Dichloropropene	--	--		1600 U	1600 U	31 U
Trichloroethene	21000	470		1600 U	1600 U	31 U
Trichlorofluoromethane	--	--		1600 U	1600 U	31 U
Vinyl chloride	900	20		1600 U	1600 U	31 U
Xylenes (total)	100000	1600		4800 U	100000 D	94 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls): Shake Test Result^:	Driveway-N-SW-6-8 1/21/2016 6 - 8 FAIL	Driveway-S-SW-6-8 1/21/2016 6 - 8 PASS	Driveway-W-SW-6-8 1/21/2016 6 - 8 PASS
1,1,1-Trichloroethane	100000	680		3100 U	3 U	33 U
1,1,2,2-Tetrachloroethane	--	--		3100 U	3 U	33 U
1,1,2-Trichloroethane	--	--		3100 U	3 U	33 U
1,1-Dichloroethane	26000	270		3100 U	3 U	33 U
1,1-Dichloroethene	100000	330		3100 U	3 U	33 U
1,2,3-Trichlorobenzene	--	--		3100 U	3 U	33 U
1,2,4-Trichlorobenzene	--	--		3100 U	3 U	33 U
1,2-Dibromoethane	--	--		3100 U	3 U	33 U
1,2-Dichlorobenzene	100000	1100		3100 U	3 U	33 U
1,2-Dichloroethane	3100	20		3100 U	3 U	33 U
1,2-Dichloropropane	--	--		3100 U	3 U	33 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		3100 U	3 U	33 U
1,4-Dichlorobenzene	13000	1800		3100 U	3 U	33 U
1,4-Dioxane	13000	100		61000 U	60 U	650 U
2-Butanone (MEK)	100000	120		3100 U	7.8 JV	45 JV
2-Hexanone	--	--		3100 U	3 U	33 U
4-Methyl-2-pentanone (MIBK)	--	--		3100 U	3 U	33 U
Acetone	100000	50		6100 UJV	30 JV	190 JV
Benzene	4800	60		3100 U	3 U	33 U
Bromochloromethane	--	--		3100 U	3 U	33 U
Bromodichloromethane	--	--		3100 U	3 U	33 U
Bromoform	--	--		3100 U	3 U	33 U
Bromomethane	--	--		3100 U	3 U	33 U
Carbon disulfide	--	--		3100 U	3 U	33 U
Carbon tetrachloride	2400	760		3100 U	3 U	33 U
Chlorobenzene	100000	1100		3100 U	3 U	33 U
Chloroethane	--	--		3100 U	3 U	33 U
Chloroform	49000	370		3100 U	3 U	33 U
Chloromethane	--	--		3100 U	3 U	33 U
cis-1,2-Dichloroethene	100000	250		3100 U	3 U	33 U
cis-1,3-Dichloropropene	--	--		3100 U	3 U	33 U
Cyclohexane	--	--		3100 U	3 U	33 U
Dibromochloromethane	--	--		3100 U	3 U	33 U
Dibromochloropropane	--	--		3100 U	3 U	33 U
Dichlorodifluoromethane	--	--		3100 U	3 U	33 U
Ethylbenzene	41000	1000		3100 U	3 U	33 U

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls): Shake Test Result^:	Driveway-N-SW-6-8 1/21/2016 6 - 8 FAIL	Driveway-S-SW-6-8 1/21/2016 6 - 8 PASS	Driveway-W-SW-6-8 1/21/2016 6 - 8 PASS
Freon 113	--	--		3100 U	3 U	33 U
Isopropylbenzene	--	2300		4400 JD	3 U	33 U
m+p-Xylene	--	--		6100 U	6 U	65 U
Methyl acetate	--	--		3100 U	3 U	33 U
Methylcyclohexane	--	--		3100 U	3 U	33 U
Methylene chloride	100000	50		6100 U	6 U	65 U
MTBE	100000	930		3100 U	3 U	33 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		3100 U	3 U	33 U
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		3100 U	3 U	33 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		3100 U	3 U	33 U
Toluene	100000	700		3100 U	3 U	33 U
trans-1,2-Dichloroethene	100000	190		3100 U	3 U	33 U
trans-1,3-Dichloropropene	--	--		3100 U	3 U	33 U
Trichloroethene	21000	470		3100 U	3 U	33 U
Trichlorofluoromethane	--	--		3100 U	3 U	33 U
Vinyl chloride	900	20		3100 U	3 U	33 U
Xylenes (total)	100000	1600		9200 U	9 U	98 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

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FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls): Shake Test Result^:	PD-01 12/7/2015 4 - 6 PASS	PD-02 9/30/2015 10 - 12 PASS	PD-03B 10/1/2015 8 - 10 PASS	PD-04C 12/3/2015 8 - 10 PASS	PD-05 9/30/2015 4 - 6 PASS	PD-06B 1/27/2016 9 - 11 PASS
1,1,1-Trichloroethane	100000	680		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
1,1,2,2-Tetrachloroethane	--	--		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
1,1,2-Trichloroethane	--	--		790 UD	120 U	1500 UD	2.2 U	4400 UD	1700 U
1,1-Dichloroethane	26000	270		790 UD	120 U	1500 UD	2.2 U	4400 UD	1700 U
1,1-Dichloroethene	100000	330		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
1,2,3-Trichlorobenzene	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
1,2,4-Trichlorobenzene	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
1,2-Dibromoethane	--	--		2100 UD	330 U	4000 UD	5.8 U	12000 UD	1700 U
1,2-Dichlorobenzene	100000	1100		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
1,2-Dichloroethane	3100	20		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
1,2-Dichloropropane	--	--		1800 UD	290 U	3500 UD	5.1 U	10000 UD	1700 U
1,3,5-Trimethylbenzene	52000	8400		2600 UD	85 J	4900 UD	0.63 J	14000 UD	NA
1,3-Dichlorobenzene	49000	2400		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
1,4-Dichlorobenzene	13000	1800		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
1,4-Dioxane	13000	100		53000 UD	8300 U	99000 UD	140 U	290000 UD	33000 U
2-Butanone (MEK)	100000	120		5300 UD	830 U	9900 UD	7.6 J	29000 UD	1700 U
2-Hexanone	--	--		5300 UD	830 U	9900 UD	14 U	29000 UD	1700 U
4-Methyl-2-pentanone (MIBK)	--	--		5300 UD	830 U	9900 UD	14 U	29000 UD	1700 U
Acetone	100000	50		5300 UD	830 UV	9900 UD	48	29000 UVD	3300 U
Benzene	4800	60		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Bromochloromethane	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
Bromodichloromethane	--	--		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Bromoform	--	--		2100 UD	330 U	4000 UD	5.8 U	12000 UD	1700 U
Bromomethane	--	--		1000 UD	160 U	2000 UD	2.9 U	5800 UD	1700 U
Carbon disulfide	--	--		1200 JD	830 U	9900 UD	14 U	29000 UD	1700 U
Carbon tetrachloride	2400	760		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Chlorobenzene	100000	1100		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Chloroethane	--	--		1000 UD	160 U	2000 UD	2.9 U	5800 UD	1700 U
Chloroform	49000	370		790 UD	120 U	1500 UD	2.2 U	4400 UD	1700 U
Chloromethane	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
cis-1,2-Dichloroethene	100000	250		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
cis-1,3-Dichloropropene	--	--		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Cyclohexane	--	--		NA	NA	NA	NA	NA	1700 U
Dibromochloromethane	--	--		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Dibromochloropropane	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
Dichlorodifluoromethane	--	--		5300 UD	830 U	9900 UD	14 U	29000 UD	1700 U
Ethylbenzene	41000	1000		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	PD-01	PD-02	PD-03B	PD-04C	PD-05	PD-06B
			Sample Date:	12/7/2015	9/30/2015	10/1/2015	12/3/2015	9/30/2015	1/27/2016
			Sample Depth (ft bls):	4 - 6	10 - 12	8 - 10	8 - 10	4 - 6	9 - 11
			Shake Test Result^:	PASS	PASS	PASS	PASS	PASS	PASS
Freon 113	--	--		10000 UD	1600 U	20000 UD	29 U	58000 UD	1700 U
Isopropylbenzene	--	2300		5600 D	880	990 UD	2.4	2300 JD	4200 D
m+p-Xylene	--	--		1000 UD	160 U	2000 UD	0.36 J	5800 UD	3300 U
Methyl acetate	--	--		NA	NA	NA	NA	NA	1700 U
Methylcyclohexane	--	--		NA	NA	NA	NA	NA	7900 D
Methylene chloride	100000	50		5300 UD	830 U	9900 UD	14 U	29000 UD	3300 U
MTBE	100000	930		1000 UD	160 U	2000 UD	2.9 U	5800 UD	1700 U
n-Propylbenzene	100000	3900		11000 D	1800	990 UD	0.38 J	4200 D	NA
o-Xylene	--	--		1000 UD	160 U	2000 UD	0.40 J	5800 UD	1700 U
sec-Butylbenzene	100000	11000		5800 D	980	990 UD	1.8	10000 D	NA
Styrene	--	--		1000 UD	160 U	2000 UD	2.9 U	5800 UD	1700 U
tert-Butylbenzene	100000	5900		1300 JD	210 J	4900 UD	3.1 J	14000 UD	NA
Tetrachloroethene	19000	1300		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Toluene	100000	700		790 UD	120 U	1500 UD	0.35 J	4400 UD	1700 U
trans-1,2-Dichloroethene	100000	190		790 UD	120 U	1500 UD	2.2 U	4400 UD	1700 U
trans-1,3-Dichloropropene	--	--		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Trichloroethene	21000	470		530 UD	83 U	990 UD	1.4 U	2900 UD	1700 U
Trichlorofluoromethane	--	--		2600 UD	410 U	4900 UD	7.3 U	14000 UD	1700 U
Vinyl chloride	900	20		1000 UD	160 U	2000 UD	2.9 U	5800 UD	1700 U
Xylenes (total)	100000	1600		1000 UD	160 U	2000 UD	0.76 J	5800 UD	5000 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	PD-07B	PD-08	PD-08	PD-09	PD-10	PD-11
			Sample Date:	1/19/2016	9/30/2015	10/2/2015	1/18/2016	12/21/2015	12/7/2015
			Sample Depth (ft bls): Shake Test Result^:	9 - 11 PASS	12 - 14 PASS	17 - 19 PASS	4 - 6 PASS	4 - 6 FAIL	4 - 6 FAIL
1,1,1-Trichloroethane	100000	680		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
1,1,2,2-Tetrachloroethane	--	--		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
1,1,2-Trichloroethane	--	--		310 U	1100 UD	280 UD	310 UD	1800 UD	1500 UD
1,1-Dichloroethane	26000	270		310 U	1100 UD	280 UD	310 UD	1800 UD	1500 UD
1,1-Dichloroethene	100000	330		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
1,2,3-Trichlorobenzene	--	--		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
1,2,4-Trichlorobenzene	--	--		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
1,2-Dibromoethane	--	--		310 U	3000 UD	730 UD	820 UD	4800 UD	4000 UD
1,2-Dichlorobenzene	100000	1100		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
1,2-Dichloroethane	3100	20		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
1,2-Dichloropropane	--	--		310 U	2700 UD	640 UD	720 UD	4200 UD	3500 UD
1,3,5-Trimethylbenzene	52000	8400		NA	31000 D	1100 D	1000 UD	15000 D	130000 D
1,3-Dichlorobenzene	49000	2400		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
1,4-Dichlorobenzene	13000	1800		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
1,4-Dioxane	13000	100		6100 U	76000 UD	18000 UD	20000 UD	120000 UD	99000 UD
2-Butanone (MEK)	100000	120		310 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
2-Hexanone	--	--		310 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
4-Methyl-2-pentanone (MIBK)	--	--		310 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
Acetone	100000	50		610 U	7600 UVD	1800 UD	2000 UD	12000 UD	9900 UD
Benzene	4800	60		310 U	760 UD	180 UD	200 UD	1200 UD	150 JD
Bromochloromethane	--	--		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
Bromodichloromethane	--	--		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Bromoform	--	--		310 U	3000 UD	730 UD	820 UD	4800 UD	4000 UD
Bromomethane	--	--		310 U	1500 UD	370 UD	410 UD	2400 UD	2000 UD
Carbon disulfide	--	--		310 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
Carbon tetrachloride	2400	760		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Chlorobenzene	100000	1100		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Chloroethane	--	--		310 U	1500 UD	370 UD	410 UD	2400 UD	2000 UD
Chloroform	49000	370		310 U	1100 UD	280 UD	310 UD	1800 UD	1500 UD
Chloromethane	--	--		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
cis-1,2-Dichloroethene	100000	250		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
cis-1,3-Dichloropropene	--	--		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Cyclohexane	--	--		310 U	NA	NA	NA	NA	NA
Dibromochloromethane	--	--		310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Dibromochloropropane	--	--		310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
Dichlorodifluoromethane	--	--		310 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
Ethylbenzene	41000	1000		370 JD	350 JD	180 UD	200 UD	760 JD	9600 D

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:		PD-07B	PD-08	PD-08	PD-09	PD-10	PD-11
			Sample Date:		1/19/2016	9/30/2015	10/2/2015	1/18/2016	12/21/2015	12/7/2015
			Sample Depth (ft bls):		9 - 11	12 - 14	17 - 19	4 - 6	4 - 6	4 - 6
			Shake Test Result^:		PASS	PASS	PASS	PASS	FAIL	FAIL
Freon 113	--	--			310 U	15000 UD	3700 UD	4100 UD	24000 UD	20000 UD
Isopropylbenzene	--	2300			420 JD	2300 D	250 D	200 UD	6300 D	28000 D
m+p-Xylene	--	--			620 JD	1400 JD	120 JD	46 JD	760 JD	27000 D
Methyl acetate	--	--			310 U	NA	NA	NA	NA	NA
Methylcyclohexane	--	--			310 U	NA	NA	NA	NA	NA
Methylene chloride	100000	50			610 U	7600 UD	1800 UD	2000 UD	12000 UD	9900 UD
MTBE	100000	930			310 U	1500 UD	370 UD	410 UD	2400 UD	2000 UD
n-Propylbenzene	100000	3900			NA	6400 D	660 D	200 UD	16000 D	68000 D
o-Xylene	--	--			320 JD	220 JD	370 UD	410 UD	2400 UD	2000 UD
sec-Butylbenzene	100000	11000			NA	6000 D	720 D	200 UD	6200 D	14000 D
Styrene	--	--			310 U	1500 UD	370 UD	410 UD	2400 UD	2000 UD
tert-Butylbenzene	100000	5900			NA	810 JD	120 JD	190 JD	6000 UD	5000 UD
Tetrachloroethene	19000	1300			310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Toluene	100000	700			310 U	1100 UD	280 UD	310 UD	1800 UD	1500 UD
trans-1,2-Dichloroethene	100000	190			310 U	1100 UD	280 UD	310 UD	1800 UD	1500 UD
trans-1,3-Dichloropropene	--	--			310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Trichloroethene	21000	470			310 U	760 UD	180 UD	200 UD	1200 UD	990 UD
Trichlorofluoromethane	--	--			310 U	3800 UD	920 UD	1000 UD	6000 UD	5000 UD
Vinyl chloride	900	20			310 U	1500 UD	370 UD	410 UD	2400 UD	2000 UD
Xylenes (total)	100000	1600			940 JD	1600 JD	120 JD	46 JD	760 JD	27000 D

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	PD-12-E-SW-4-6	PD-12-S-B-11-13	PD-12-S-SW-4-6
			Sample Date:	1/21/2016	1/21/2016	1/21/2016
			Sample Depth (ft bls):	4 - 6	11 - 13	4 - 6
			Shake Test Result^:	PASS	FAIL	FAIL
1,1,1-Trichloroethane	100000	680		2400 UD	2900 UD	3000 UD
1,1,2,2-Tetrachloroethane	--	--		2400 UD	2900 UD	3000 UD
1,1,2-Trichloroethane	--	--		3500 UD	4400 UD	4600 UD
1,1-Dichloroethane	26000	270		3500 UD	4400 UD	4600 UD
1,1-Dichloroethene	100000	330		2400 UD	2900 UD	3000 UD
1,2,3-Trichlorobenzene	--	--		12000 UD	15000 UD	15000 UD
1,2,4-Trichlorobenzene	--	--		12000 UD	15000 UD	15000 UD
1,2-Dibromoethane	--	--		9400 UD	12000 UD	12000 UD
1,2-Dichlorobenzene	100000	1100		12000 UD	15000 UD	15000 UD
1,2-Dichloroethane	3100	20		2400 UD	2900 UD	3000 UD
1,2-Dichloropropane	--	--		8300 UD	10000 UD	11000 UD
1,3,5-Trimethylbenzene	52000	8400		12000 UD	15000 UD	15000 UD
1,3-Dichlorobenzene	49000	2400		12000 UD	15000 UD	15000 UD
1,4-Dichlorobenzene	13000	1800		12000 UD	15000 UD	15000 UD
1,4-Dioxane	13000	100		240000 UD	290000 UD	300000 UD
2-Butanone (MEK)	100000	120		3700 JD	4600 JD	4200 JD
2-Hexanone	--	--		24000 UD	29000 UD	30000 UD
4-Methyl-2-pentanone (MIBK)	--	--		24000 UD	29000 UD	30000 UD
Acetone	100000	50		5500 JD	6300 JD	6500 JD
Benzene	4800	60		2400 UD	2900 UD	3000 UD
Bromochloromethane	--	--		12000 UD	15000 UD	15000 UD
Bromodichloromethane	--	--		2400 UD	2900 UD	3000 UD
Bromoform	--	--		9400 UD	12000 UD	12000 UD
Bromomethane	--	--		4700 UD	5900 UD	6100 UD
Carbon disulfide	--	--		24000 UD	29000 UD	30000 UD
Carbon tetrachloride	2400	760		2400 UD	2900 UD	3000 UD
Chlorobenzene	100000	1100		2400 UD	2900 UD	3000 UD
Chloroethane	--	--		4700 UD	5900 UD	6100 UD
Chloroform	49000	370		3500 UD	4400 UD	4600 UD
Chloromethane	--	--		12000 UD	15000 UD	15000 UD
cis-1,2-Dichloroethene	100000	250		2400 UD	2900 UD	3000 UD
cis-1,3-Dichloropropene	--	--		2400 UD	2900 UD	3000 UD
Cyclohexane	--	--		NA	NA	NA
Dibromochloromethane	--	--		2400 UD	2900 UD	3000 UD
Dibromochloropropane	--	--		12000 UD	15000 UD	15000 UD
Dichlorodifluoromethane	--	--		24000 UD	29000 UD	30000 UD
Ethylbenzene	41000	1000		2400 UD	2900 UD	3000 UD

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	PD-12-E-SW-4-6	PD-12-S-B-11-13	PD-12-S-SW-4-6
			Sample Date:	1/21/2016	1/21/2016	1/21/2016
			Sample Depth (ft bls):	4 - 6	11 - 13	4 - 6
			Shake Test Result^:	PASS	FAIL	FAIL
Freon 113	--	--		47000 UD	59000 UD	61000 UD
Isopropylbenzene	--	2300		15000 D	18000 D	8500 D
m+p-Xylene	--	--		4700 UD	5900 UD	6100 UD
Methyl acetate	--	--		NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA
Methylene chloride	100000	50		24000 UD	29000 UD	30000 UD
MTBE	100000	930		4700 UD	5900 UD	6100 UD
n-Propylbenzene	100000	3900		33000 D	41000 D	18000 D
o-Xylene	--	--		4700 UD	5900 UD	6100 UD
sec-Butylbenzene	100000	11000		19000 D	29000 D	14000 D
Styrene	--	--		4700 UD	5900 UD	6100 UD
tert-Butylbenzene	100000	5900		3900 JD	6400 JD	2500 JD
Tetrachloroethene	19000	1300		2400 UD	2900 UD	3000 UD
Toluene	100000	700		3500 UD	4400 UD	4600 UD
trans-1,2-Dichloroethene	100000	190		3500 UD	4400 UD	4600 UD
trans-1,3-Dichloropropene	--	--		2400 UD	2900 UD	3000 UD
Trichloroethene	21000	470		2400 UD	2900 UD	3000 UD
Trichlorofluoromethane	--	--		12000 UD	15000 UD	15000 UD
Vinyl chloride	900	20		4700 UD	5900 UD	6100 UD
Xylenes (total)	100000	1600		4700 UD	5900 UD	6100 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

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Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-NE-B-14R	SC-04-NW-B-14R	SC-04-SE-B-13
			Sample Date:	12/3/2015	12/3/2015	12/21/2015
			Sample Depth (ft bls):	14 - 14	14 - 14	13 - 13
			Shake Test Result^:	PASS	PASS	PASS
1,1,1-Trichloroethane	100000	680		280 U	3.2 U	2.9 U
1,1,2,2-Tetrachloroethane	--	--		280 U	3.2 U	2.9 U
1,1,2-Trichloroethane	--	--		280 U	3.2 U	2.9 U
1,1-Dichloroethane	26000	270		280 U	3.2 U	2.9 U
1,1-Dichloroethene	100000	330		280 U	3.2 U	2.9 U
1,2,3-Trichlorobenzene	--	--		280 U	3.2 U	2.9 U
1,2,4-Trichlorobenzene	--	--		280 U	3.2 U	2.9 U
1,2-Dibromoethane	--	--		280 U	3.2 U	2.9 U
1,2-Dichlorobenzene	100000	1100		280 U	3.2 U	2.9 U
1,2-Dichloroethane	3100	20		280 U	3.2 U	2.9 U
1,2-Dichloropropane	--	--		280 U	3.2 U	2.9 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		280 U	3.2 U	2.9 U
1,4-Dichlorobenzene	13000	1800		280 U	3.2 U	2.9 U
1,4-Dioxane	13000	100		5600 U	64 U	59 U
2-Butanone (MEK)	100000	120		280 U	3.2 U	2.9 U
2-Hexanone	--	--		280 U	3.2 U	2.9 U
4-Methyl-2-pentanone (MIBK)	--	--		280 U	3.2 U	2.9 U
Acetone	100000	50		560 U	6.6 J	12 J
Benzene	4800	60		280 U	3.9 J	2.9 U
Bromochloromethane	--	--		280 U	3.2 U	2.9 U
Bromodichloromethane	--	--		280 U	3.2 U	2.9 U
Bromoform	--	--		280 U	3.2 U	2.9 U
Bromomethane	--	--		280 U	3.2 U	2.9 U
Carbon disulfide	--	--		280 U	3.2 U	2.9 U
Carbon tetrachloride	2400	760		280 U	3.2 U	2.9 U
Chlorobenzene	100000	1100		280 U	3.2 U	2.9 U
Chloroethane	--	--		280 U	3.2 U	2.9 U
Chloroform	49000	370		280 U	3.2 U	2.9 U
Chloromethane	--	--		280 U	3.2 U	2.9 U
cis-1,2-Dichloroethene	100000	250		280 U	3.2 U	2.9 U
cis-1,3-Dichloropropene	--	--		280 U	3.2 U	2.9 U
Cyclohexane	--	--		280 U	3.2 U	2.9 U
Dibromochloromethane	--	--		280 U	3.2 U	2.9 U
Dibromochloropropane	--	--		280 U	3.2 U	2.9 U
Dichlorodifluoromethane	--	--		280 U	3.2 U	2.9 U
Ethylbenzene	41000	1000		840 D	3.2 U	2.9 U

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-NE-B-14R	SC-04-NW-B-14R	SC-04-SE-B-13
			Sample Date:	12/3/2015	12/3/2015	12/21/2015
			Sample Depth (ft bls):	14 - 14	14 - 14	13 - 13
			Shake Test Result^:	PASS	PASS	PASS
Freon 113	--	--		280 U	3.2 U	2.9 U
Isopropylbenzene	--	2300		1600 D	3.3 J	2.9 U
m+p-Xylene	--	--		1900 D	6.4 U	5.9 U
Methyl acetate	--	--		280 U	3.2 U	2.9 U
Methylcyclohexane	--	--		680 D	3.2 U	2.9 U
Methylene chloride	100000	50		560 U	6.4 U	5.9 U
MTBE	100000	930		280 U	3.2 U	2.9 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		360 JD	3.2 U	2.9 U
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		280 U	3.2 U	2.9 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		280 U	3.2 U	2.9 U
Toluene	100000	700		280 U	3.2 U	2.9 U
trans-1,2-Dichloroethene	100000	190		280 U	3.2 U	2.9 U
trans-1,3-Dichloropropene	--	--		280 U	3.2 U	2.9 U
Trichloroethene	21000	470		280 U	3.2 U	2.9 U
Trichlorofluoromethane	--	--		280 U	3.2 U	2.9 U
Vinyl chloride	900	20		280 U	3.2 U	2.9 U
Xylenes (total)	100000	1600		2200 D	9.6 U	8.8 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-SE-B-13S	SC-04-SW-B-13S	SC-04-SW-B-13SR
			Sample Date:	12/23/2015	12/22/2015	12/28/2015
			Sample Depth (ft bls):	13 - 13	13 - 13	13 - 13
			Shake Test Result^:	PASS	PASS	PASS
1,1,1-Trichloroethane	100000	680		640 U	300 U	1600 U
1,1,2,2-Tetrachloroethane	--	--		640 U	300 U	1600 U
1,1,2-Trichloroethane	--	--		640 U	300 U	1600 U
1,1-Dichloroethane	26000	270		640 U	300 U	1600 U
1,1-Dichloroethene	100000	330		640 U	300 U	1600 U
1,2,3-Trichlorobenzene	--	--		640 U	300 U	1600 U
1,2,4-Trichlorobenzene	--	--		640 U	300 U	1600 U
1,2-Dibromoethane	--	--		640 U	300 U	1600 U
1,2-Dichlorobenzene	100000	1100		640 U	300 U	1600 U
1,2-Dichloroethane	3100	20		640 U	300 U	1600 U
1,2-Dichloropropane	--	--		640 U	300 U	1600 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		640 U	300 U	1600 U
1,4-Dichlorobenzene	13000	1800		640 U	300 U	1600 U
1,4-Dioxane	13000	100		13000 U	6000 U	32000 U
2-Butanone (MEK)	100000	120		640 U	300 U	1600 U
2-Hexanone	--	--		640 U	300 U	1600 U
4-Methyl-2-pentanone (MIBK)	--	--		640 U	300 U	1600 U
Acetone	100000	50		1300 U	600 U	3200 UJV
Benzene	4800	60		640 U	300 U	1600 U
Bromochloromethane	--	--		640 U	300 U	1600 U
Bromodichloromethane	--	--		640 U	300 U	1600 U
Bromoform	--	--		640 U	300 U	1600 U
Bromomethane	--	--		640 U	300 U	1600 U
Carbon disulfide	--	--		640 U	300 U	1600 U
Carbon tetrachloride	2400	760		640 U	300 U	1600 U
Chlorobenzene	100000	1100		640 U	300 U	1600 U
Chloroethane	--	--		640 U	300 U	1600 U
Chloroform	49000	370		640 U	300 U	1600 U
Chloromethane	--	--		640 U	300 U	1600 U
cis-1,2-Dichloroethene	100000	250		640 U	300 U	1600 U
cis-1,3-Dichloropropene	--	--		640 U	300 U	1600 U
Cyclohexane	--	--		640 U	300 U	1600 UJV
Dibromochloromethane	--	--		640 U	300 U	1600 U
Dibromochloropropane	--	--		640 U	300 U	1600 U
Dichlorodifluoromethane	--	--		640 U	300 U	1600 U
Ethylbenzene	41000	1000		640 U	300 U	2600 JV

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-SE-B-13S	SC-04-SW-B-13S	SC-04-SW-B-13SR
			Sample Date:	12/23/2015	12/22/2015	12/28/2015
			Sample Depth (ft bls):	13 - 13	13 - 13	13 - 13
			Shake Test Result^:	PASS	PASS	PASS
Freon 113	--	--		640 U	300 U	1600 U
Isopropylbenzene	--	2300		2300 D	300 U	6000 JV
m+p-Xylene	--	--		1300 U	600 U	5600 JV
Methyl acetate	--	--		640 U	300 U	1600 U
Methylcyclohexane	--	--		4100 D	300 U	3200 JV
Methylene chloride	100000	50		1300 U	600 U	3200 UJV
MTBE	100000	930		640 U	300 U	1600 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		640 U	300 U	2500 JV
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		640 U	300 U	1600 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		640 U	300 U	1600 U
Toluene	100000	700		640 U	300 U	1600 U
trans-1,2-Dichloroethene	100000	190		640 U	300 U	1600 U
trans-1,3-Dichloropropene	--	--		640 U	300 U	1600 U
Trichloroethene	21000	470		640 U	300 U	1600 U
Trichlorofluoromethane	--	--		640 U	300 U	1600 U
Vinyl chloride	900	20		640 U	300 U	1600 U
Xylenes (total)	100000	1600		1900 U	900 U	8100 JD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-SW-B-17	SC-05-NE-B15_5S	SC-05-NE-B-155
			Sample Date:	12/21/2015	12/17/2015	12/15/2015
			Sample Depth (ft bls):	17 - 17	15.5 - 15.5	15.5 - 15.5
			Shake Test Result^:	PASS	PASS	PASS
1,1,1-Trichloroethane	100000	680		2.8 U	2.8 U	2.8 U
1,1,2,2-Tetrachloroethane	--	--		2.8 U	2.8 U	2.8 U
1,1,2-Trichloroethane	--	--		2.8 U	2.8 U	2.8 U
1,1-Dichloroethane	26000	270		2.8 U	2.8 U	2.8 U
1,1-Dichloroethene	100000	330		2.8 U	2.8 U	2.8 U
1,2,3-Trichlorobenzene	--	--		2.8 U	2.8 U	2.8 U
1,2,4-Trichlorobenzene	--	--		2.8 U	2.8 U	2.8 U
1,2-Dibromoethane	--	--		2.8 U	2.8 U	2.8 U
1,2-Dichlorobenzene	100000	1100		2.8 U	2.8 U	2.8 U
1,2-Dichloroethane	3100	20		2.8 U	2.8 U	2.8 U
1,2-Dichloropropane	--	--		2.8 U	2.8 U	2.8 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		2.8 U	2.8 U	2.8 U
1,4-Dichlorobenzene	13000	1800		2.8 U	2.8 U	2.8 U
1,4-Dioxane	13000	100		57 U	57 U	57 U
2-Butanone (MEK)	100000	120		2.8 U	2.8 U	3.3 J
2-Hexanone	--	--		2.8 U	2.8 U	2.8 U
4-Methyl-2-pentanone (MIBK)	--	--		2.8 U	2.8 U	2.8 U
Acetone	100000	50		6.5 J	18 JV	30 JV
Benzene	4800	60		2.8 U	2.8 U	2.8 U
Bromochloromethane	--	--		2.8 U	2.8 U	2.8 U
Bromodichloromethane	--	--		2.8 U	2.8 U	2.8 U
Bromoform	--	--		2.8 U	2.8 U	2.8 U
Bromomethane	--	--		2.8 U	2.8 U	2.8 U
Carbon disulfide	--	--		2.8 U	2.8 U	2.8 U
Carbon tetrachloride	2400	760		2.8 U	2.8 U	2.8 U
Chlorobenzene	100000	1100		2.8 U	2.8 U	2.8 U
Chloroethane	--	--		2.8 U	2.8 U	2.8 U
Chloroform	49000	370		2.8 U	2.8 U	2.8 U
Chloromethane	--	--		2.8 U	2.8 U	2.8 U
cis-1,2-Dichloroethene	100000	250		2.8 U	2.8 U	2.8 U
cis-1,3-Dichloropropene	--	--		2.8 U	2.8 U	2.8 U
Cyclohexane	--	--		2.8 U	2.8 U	2.8 U
Dibromochloromethane	--	--		2.8 U	2.8 U	2.8 U
Dibromochloropropane	--	--		2.8 U	2.8 U	2.8 U
Dichlorodifluoromethane	--	--		2.8 U	2.8 U	2.8 U
Ethylbenzene	41000	1000		2.8 U	2.8 U	2.8 U

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-04-SW-B-17	SC-05-NE-B15_5S	SC-05-NE-B-155
			Sample Date:	12/21/2015	12/17/2015	12/15/2015
			Sample Depth (ft bls):	17 - 17	15.5 - 15.5	15.5 - 15.5
			Shake Test Result^:	PASS	PASS	PASS
Freon 113	--	--		2.8 U	2.8 U	2.8 U
Isopropylbenzene	--	2300		2.8 U	2.8 U	2.8 U
m+p-Xylene	--	--		5.7 U	5.7 U	5.7 U
Methyl acetate	--	--		2.8 U	2.8 U	2.8 U
Methylcyclohexane	--	--		2.8 U	2.8 U	2.8 U
Methylene chloride	100000	50		5.7 U	5.7 U	5.7 U
MTBE	100000	930		2.8 U	2.8 U	2.8 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		2.8 U	2.8 U	2.8 U
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		2.8 U	2.8 U	2.8 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		2.8 U	2.8 U	2.8 U
Toluene	100000	700		2.8 U	2.8 U	2.8 U
trans-1,2-Dichloroethene	100000	190		2.8 U	2.8 U	2.8 U
trans-1,3-Dichloropropene	--	--		2.8 U	2.8 U	2.8 U
Trichloroethene	21000	470		2.8 U	2.8 U	2.8 U
Trichlorofluoromethane	--	--		2.8 U	2.8 U	2.8 U
Vinyl chloride	900	20		2.8 U	2.8 U	2.8 U
Xylenes (total)	100000	1600		8.5 U	8.5 U	8.5 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-05-NW-B-15	SC-05-NW-B17S	SC-05-SW-B-13
			Sample Date:	12/9/2015	12/17/2015	12/21/2015
			Sample Depth (ft bls):	15 - 15	17 - 17	13 - 13
			Shake Test Result^:	PASS	PASS	FAIL
1,1,1-Trichloroethane	100000	680		4.4 U	2.8 U	280 U
1,1,2,2-Tetrachloroethane	--	--		4.4 U	2.8 U	280 U
1,1,2-Trichloroethane	--	--		4.4 U	2.8 U	280 U
1,1-Dichloroethane	26000	270		4.4 U	2.8 U	280 U
1,1-Dichloroethene	100000	330		4.4 U	2.8 U	280 U
1,2,3-Trichlorobenzene	--	--		4.4 U	2.8 U	280 U
1,2,4-Trichlorobenzene	--	--		4.4 U	2.8 U	280 U
1,2-Dibromoethane	--	--		4.4 U	2.8 U	280 U
1,2-Dichlorobenzene	100000	1100		4.4 U	2.8 U	280 U
1,2-Dichloroethane	3100	20		4.4 U	2.8 U	280 U
1,2-Dichloropropane	--	--		4.4 U	2.8 U	280 U
1,3,5-Trimethylbenzene	52000	8400		NA	NA	NA
1,3-Dichlorobenzene	49000	2400		4.4 U	2.8 U	280 U
1,4-Dichlorobenzene	13000	1800		4.4 U	2.8 U	280 U
1,4-Dioxane	13000	100		87 U	56 U	5700 U
2-Butanone (MEK)	100000	120		4.4 U	2.8 U	280 U
2-Hexanone	--	--		4.4 U	2.8 U	280 U
4-Methyl-2-pentanone (MIBK)	--	--		4.4 U	2.8 U	280 U
Acetone	100000	50		53 JV	26 JV	570 U
Benzene	4800	60		4.4 U	2.8 U	280 U
Bromochloromethane	--	--		4.4 U	2.8 U	280 U
Bromodichloromethane	--	--		4.4 U	2.8 U	280 U
Bromoform	--	--		4.4 U	2.8 U	280 U
Bromomethane	--	--		4.4 U	2.8 U	280 U
Carbon disulfide	--	--		4.4 U	2.8 U	280 U
Carbon tetrachloride	2400	760		4.4 U	2.8 U	280 U
Chlorobenzene	100000	1100		4.4 U	2.8 U	280 U
Chloroethane	--	--		4.4 U	2.8 U	280 U
Chloroform	49000	370		4.4 U	2.8 U	280 U
Chloromethane	--	--		4.4 U	2.8 U	280 U
cis-1,2-Dichloroethene	100000	250		4.4 U	2.8 U	280 U
cis-1,3-Dichloropropene	--	--		4.4 U	2.8 U	280 U
Cyclohexane	--	--		4.4 U	2.8 U	280 U
Dibromochloromethane	--	--		4.4 U	2.8 U	280 U
Dibromochloropropane	--	--		4.4 U	2.8 U	280 U
Dichlorodifluoromethane	--	--		4.4 U	2.8 U	280 U
Ethylbenzene	41000	1000		4.4 U	7	430 JD

Table 10. Summary of Volatile Organic Compounds and Field Screening Results in Confirmation Endpoint Soil, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	SC-05-NW-B-15	SC-05-NW-B17S	SC-05-SW-B-13
			Sample Date:	12/9/2015	12/17/2015	12/21/2015
			Sample Depth (ft bls):	15 - 15	17 - 17	13 - 13
			Shake Test Result^:	PASS	PASS	FAIL
Freon 113	--	--		4.4 U	2.8 U	280 U
Isopropylbenzene	--	2300		4.4 U	50	4300 D
m+p-Xylene	--	--		8.7 U	20	570 U
Methyl acetate	--	--		4.4 U	2.8 U	280 U
Methylcyclohexane	--	--		4.4 U	12	2300 D
Methylene chloride	100000	50		8.7 U	5.6 U	570 U
MTBE	100000	930		4.4 UJV	2.8 U	280 U
n-Propylbenzene	100000	3900		NA	NA	NA
o-Xylene	--	--		4.4 U	5.8	280 U
sec-Butylbenzene	100000	11000		NA	NA	NA
Styrene	--	--		4.4 U	2.8 U	280 U
tert-Butylbenzene	100000	5900		NA	NA	NA
Tetrachloroethene	19000	1300		4.4 U	2.8 U	280 U
Toluene	100000	700		4.4 U	2.8 U	280 U
trans-1,2-Dichloroethene	100000	190		4.4 UJV	2.8 U	280 U
trans-1,3-Dichloropropene	--	--		4.4 U	2.8 U	280 U
Trichloroethene	21000	470		4.4 U	2.8 U	280 U
Trichlorofluoromethane	--	--		4.4 U	2.8 U	280 U
Vinyl chloride	900	20		4.4 U	2.8 U	280 U
Xylenes (total)	100000	1600		13 U	26	850 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

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µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used as a qualitative sampling test for identifying the presence of hydrocarbons in soil.

FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-1 EAST	D-1B	D-2 EAST	D-2B	D-3 EAST
			Sample Date:	10/29/2015	1/13/2016	10/29/2015	1/13/2016	10/29/2015
			Sample Depth (ft bls):	6 - 7	11 - 13	6 - 7	10 - 12	6 - 7
			Shake Test Result^:	FAIL	PASS	PASS	FAIL	PASS
1,1,1-Trichloroethane	100000	680		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
1,1,2,2-Tetrachloroethane	--	--		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
1,1,2-Trichloroethane	--	--		1800 UD	730 UD	1600 UD	2800 UD	1800 UD
1,1-Dichloroethane	26000	270		1800 UD	730 UD	1600 UD	2800 UD	1800 UD
1,1-Dichloroethene	100000	330		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
1,2,3-Trichlorobenzene	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
1,2,4-Trichlorobenzene	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
1,2-Dibromoethane	--	--		4900 UD	2000 UD	4400 UD	7500 UD	4700 UD
1,2-Dichlorobenzene	100000	1100		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
1,2-Dichloroethane	3100	20		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
1,2-Dichloropropane	--	--		4300 UD	1700 UD	3800 UD	6600 UD	4100 UD
1,3,5-Trimethylbenzene	52000	8400		5400 JD	480 JD	5500 UD	16000 D	5900 UD
1,3-Dichlorobenzene	49000	2400		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
1,4-Dichlorobenzene	13000	1800		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
1,4-Dioxane	13000	100		120000 UD	49000 UD	110000 UD	190000 UD	120000 UD
2-Butanone (MEK)	100000	120		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
2-Hexanone	--	--		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
4-Methyl-2-pentanone (MIBK)	--	--		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
Acetone	100000	50		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
Benzene	4800	60		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Bromochloromethane	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
Bromodichloromethane	--	--		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Bromoform	--	--		4900 UD	2000 UD	4400 UD	7500 UD	4700 UD
Bromomethane	--	--		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
Carbon disulfide	--	--		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
Carbon tetrachloride	2400	760		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Chlorobenzene	100000	1100		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Chloroethane	--	--		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
Chloroform	49000	370		1800 UD	730 UD	1600 UD	2800 UD	1800 UD
Chloromethane	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
cis-1,2-Dichloroethene	100000	250		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
cis-1,3-Dichloropropene	--	--		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Cyclohexane	--	--		NA	NA	NA	NA	NA
Dibromochloromethane	--	--		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Dibromochloropropane	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-1 EAST	D-1B	D-2 EAST	D-2B	D-3 EAST
			Sample Date:	10/29/2015	1/13/2016	10/29/2015	1/13/2016	10/29/2015
			Sample Depth (ft bls):	6 - 7	11 - 13	6 - 7	10 - 12	6 - 7
			Shake Test Result^:	FAIL	PASS	PASS	FAIL	PASS
Dichlorodifluoromethane	--	--		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
Ethylbenzene	41000	1000		1200 UD	490 UD	1100 UD	2400 D	1200 UD
Freon 113	--	--		24000 UD	9800 UD	22000 UD	38000 UD	24000 UD
Isopropylbenzene	--	2300		5300 D	8400 D	6800 D	24000 D	18000 D
m+p-Xylene	--	--		2400 UD	980 UVD	2200 UD	3800 UVD	2400 UD
Methyl acetate	--	--		NA	NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA	NA
Methylene chloride	100000	50		12000 UD	4900 UD	11000 UD	19000 UD	12000 UD
MTBE	100000	930		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
n-Propylbenzene	100000	3900		12000 D	20000 D	16000 D	56000 D	40000 D
o-Xylene	--	--		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
sec-Butylbenzene	100000	11000		4400 D	7000 D	5500 D	16000 D	12000 D
Styrene	--	--		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
tert-Butylbenzene	100000	5900		6100 UD	1300 JD	5500 UD	3000 JD	2200 JD
Tetrachloroethene	19000	1300		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Toluene	100000	700		1800 UD	730 UD	1600 UD	2800 UD	1800 UD
trans-1,2-Dichloroethene	100000	190		1800 UD	730 UD	1600 UD	2800 UD	1800 UD
trans-1,3-Dichloropropene	--	--		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Trichloroethene	21000	470		1200 UD	490 UD	1100 UD	1900 UD	1200 UD
Trichlorofluoromethane	--	--		6100 UD	2400 UD	5500 UD	9400 UD	5900 UD
Vinyl chloride	900	20		2400 UD	980 UD	2200 UD	3800 UD	2400 UD
Xylenes (total)	100000	1600		2400 UD	980 UVD	2200 UD	3800 UVD	2400 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used to provide qualitative sampling test for identifying the presence of hydrocarbons in soil. FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls): Shake Test Result^:	D-3B 1/13/2016 10 - 12 PASS	D-4 EAST 1/7/2016 6 - 7 PASS	D-4B 1/13/2016 10 - 12 FAIL	D-5 EAST 1/7/2016 6 - 7 PASS	D-5 SOUTH 1/7/2016 6 - 7 PASS	D-5B 1/13/2016 10 - 12 FAIL
1,1,1-Trichloroethane	100000	680		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
1,1,2,2-Tetrachloroethane	--	--		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
1,1,2-Trichloroethane	--	--		3100 UD	100 UD	4700 UD	88 UD	2.2 U	8000 UD
1,1-Dichloroethane	26000	270		3100 UD	100 UD	4700 UD	88 UD	2.2 U	8000 UD
1,1-Dichloroethene	100000	330		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
1,2,3-Trichlorobenzene	--	--		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
1,2,4-Trichlorobenzene	--	--		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
1,2-Dibromoethane	--	--		8200 UD	270 UD	12000 UD	230 UD	6 U	21000 UD
1,2-Dichlorobenzene	100000	1100		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
1,2-Dichloroethane	3100	20		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
1,2-Dichloropropane	--	--		7200 UD	240 UD	11000 UD	200 UD	5.2 U	19000 UD
1,3,5-Trimethylbenzene	52000	8400		1300 JD	340 UD	2700 JD	290 UD	7.4 U	27000 UD
1,3-Dichlorobenzene	49000	2400		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
1,4-Dichlorobenzene	13000	1800		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
1,4-Dioxane	13000	100		200000 UD	6800 UD	310000 UD	5900 UD	150 U	530000 UD
2-Butanone (MEK)	100000	120		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
2-Hexanone	--	--		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
4-Methyl-2-pentanone (MIBK)	--	--		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
Acetone	100000	50		20000 UD	680 UVD	31000 UD	590 UVD	35	53000 UD
Benzene	4800	60		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Bromochloromethane	--	--		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
Bromodichloromethane	--	--		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Bromoform	--	--		8200 UD	270 UD	12000 UD	230 UD	6 U	21000 UD
Bromomethane	--	--		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
Carbon disulfide	--	--		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
Carbon tetrachloride	2400	760		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Chlorobenzene	100000	1100		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Chloroethane	--	--		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
Chloroform	49000	370		3100 UD	100 UD	4700 UD	88 UD	2.2 U	8000 UD
Chloromethane	--	--		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD
cis-1,2-Dichloroethene	100000	250		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
cis-1,3-Dichloropropene	--	--		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Cyclohexane	--	--		NA	NA	NA	NA	NA	NA
Dibromochloromethane	--	--		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Dibromochloropropane	--	--		10000 UD	340 UD	16000 UD	290 UD	7.4 U	27000 UD

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-3B	D-4 EAST	D-4B	D-5 EAST	D-5 SOUTH	D-5B
			Sample Date:	1/13/2016	1/7/2016	1/13/2016	1/7/2016	1/7/2016	1/13/2016
			Sample Depth (ft bls):	10 - 12	6 - 7	10 - 12	6 - 7	6 - 7	10 - 12
			Shake Test Result^:	PASS	PASS	FAIL	PASS	PASS	FAIL
Dichlorodifluoromethane	--	--		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
Ethylbenzene	41000	1000		1800 JD	68 UD	1800 JD	59 UD	1.5 U	5300 UD
Freon 113	--	--		41000 UD	1400 UD	62000 UD	1200 UD	30 U	110000 UD
Isopropylbenzene	--	2300		16000 D	68 UD	9300 D	59 UD	1.5 U	7500 D
m+p-Xylene	--	--		4100 UVD	140 UD	6200 UVD	120 UD	3 U	11000 UD
Methyl acetate	--	--		NA	NA	NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA	NA	NA
Methylene chloride	100000	50		20000 UD	680 UD	31000 UD	590 UD	15 U	53000 UD
MTBE	100000	930		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
n-Propylbenzene	100000	3900		37000 D	68 UD	23000 D	59 UD	1.5 U	18000 D
o-Xylene	--	--		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
sec-Butylbenzene	100000	11000		12000 D	20 JD	14000 D	59 UD	1.5 U	8900 D
Styrene	--	--		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
tert-Butylbenzene	100000	5900		2600 JD	68 JD	3100 JD	290 UD	7.4 U	1800 JD
Tetrachloroethene	19000	1300		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Toluene	100000	700		3100 UD	100 UJVD	4700 UD	88 UJVD	2.2 UJV	8000 UD
trans-1,2-Dichloroethene	100000	190		3100 UD	100 UD	4700 UD	88 UD	2.2 U	8000 UD
trans-1,3-Dichloropropene	--	--		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Trichloroethene	21000	470		2000 UD	68 UD	3100 UD	59 UD	1.5 U	5300 UD
Trichlorofluoromethane	--	--		10000 UD	340 UJVD	16000 UD	290 UJVD	7.4 UJV	27000 UD
Vinyl chloride	900	20		4100 UD	140 UD	6200 UD	120 UD	3 U	11000 UD
Xylenes (total)	100000	1600		4100 UVD	140 UD	6200 UVD	120 UD	3 U	11000 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used to provide qualitative sampling test for identifying the presence of hydrocarbons in soil. FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-1-E-SW-9	GT-2-N-SW-9	GT-3A-W-SW-9	GT-4A-E-B
			Sample Date:	12/14/2015	12/14/2015	12/3/2015	1/12/2016
			Sample Depth (ft bls):	9 - 9	9 - 9	9 - 9	16 - 17
			Shake Test Result^:	PASS	PASS	PASS	PASS
1,1,1-Trichloroethane	100000	680		530 UD	1200 UD	350 UD	2.3 UD
1,1,2,2-Tetrachloroethane	--	--		530 UD	1200 UD	350 UD	2.3 UD
1,1,2-Trichloroethane	--	--		800 UD	1800 UD	530 UD	3.4 UD
1,1-Dichloroethane	26000	270		800 UD	1800 UD	530 UD	3.4 UD
1,1-Dichloroethene	100000	330		530 UD	1200 UD	350 UD	2.3 UD
1,2,3-Trichlorobenzene	--	--		2600 UD	5900 UD	1800 UD	11 UD
1,2,4-Trichlorobenzene	--	--		2600 UD	5900 UD	1800 UD	11 UD
1,2-Dibromoethane	--	--		2100 UD	4800 UD	1400 UD	9.1 UD
1,2-Dichlorobenzene	100000	1100		2600 UD	5900 UD	1800 UD	11 UD
1,2-Dichloroethane	3100	20		530 UD	1200 UD	350 UD	2.3 UD
1,2-Dichloropropane	--	--		1800 UD	4200 UD	1200 UD	8 UD
1,3,5-Trimethylbenzene	52000	8400		2600 UD	5900 UD	1800 UD	0.46 JD
1,3-Dichlorobenzene	49000	2400		2600 UD	5900 UD	1800 UD	11 UD
1,4-Dichlorobenzene	13000	1800		2600 UD	5900 UD	1800 UD	11 UD
1,4-Dioxane	13000	100		53000 UD	120000 UD	35000 UD	230 UD
2-Butanone (MEK)	100000	120		5300 UD	12000 UD	3500 UD	23 UD
2-Hexanone	--	--		5300 UD	12000 UD	3500 UD	23 UD
4-Methyl-2-pentanone (MIBK)	--	--		5300 UD	12000 UD	3500 UD	23 UD
Acetone	100000	50		5300 UD	12000 UD	3500 UD	22 JD
Benzene	4800	60		530 UD	1200 UD	350 UD	2.3 UD
Bromochloromethane	--	--		2600 UD	5900 UD	1800 UD	11 UD
Bromodichloromethane	--	--		530 UD	1200 UD	350 UD	2.3 UD
Bromoform	--	--		2100 UD	4800 UD	1400 UD	9.1 UD
Bromomethane	--	--		1100 UD	2400 UD	700 UD	4.6 UD
Carbon disulfide	--	--		5300 UD	12000 UD	3500 UD	23 UD
Carbon tetrachloride	2400	760		530 UD	1200 UD	350 UD	2.3 UD
Chlorobenzene	100000	1100		530 UD	1200 UD	350 UD	2.3 UD
Chloroethane	--	--		1100 UD	2400 UD	700 UD	4.6 UD
Chloroform	49000	370		800 UD	1800 UD	530 UD	1.8 JD
Chloromethane	--	--		2600 UD	5900 UD	1800 UD	11 UD
cis-1,2-Dichloroethene	100000	250		530 UD	1200 UD	350 UD	2.3 UD
cis-1,3-Dichloropropene	--	--		530 UD	1200 UD	350 UD	2.3 UD
Cyclohexane	--	--		NA	NA	NA	NA
Dibromochloromethane	--	--		530 UD	1200 UD	350 UD	2.3 UD
Dibromochloropropane	--	--		2600 UD	5900 UD	1800 UD	11 UD

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-1-E-SW-9	GT-2-N-SW-9	GT-3A-W-SW-9	GT-4A-E-B
			Sample Date:	12/14/2015	12/14/2015	12/3/2015	1/12/2016
			Sample Depth (ft bls): Shake Test Result^:	9 - 9 PASS	9 - 9 PASS	9 - 9 PASS	16 - 17 PASS
Dichlorodifluoromethane	--	--		5300 UD	12000 UD	3500 UD	23 UD
Ethylbenzene	41000	1000		530 UD	1200 UD	350 UD	2.3 UD
Freon 113	--	--		11000 UD	24000 UD	7000 UD	46 UD
Isopropylbenzene	--	2300		1600 D	3100 D	790 D	4.3 D
m+p-Xylene	--	--		1100 UD	2400 UD	700 UD	4.6 UD
Methyl acetate	--	--		NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA
Methylene chloride	100000	50		5300 UD	12000 UD	3500 UD	23 UD
MTBE	100000	930		1100 UD	2400 UD	700 UD	4.6 UD
n-Propylbenzene	100000	3900		1900 D	4300 D	900 D	9.1 D
o-Xylene	--	--		1100 UD	2400 UD	700 UD	4.6 UD
sec-Butylbenzene	100000	11000		2800 D	6900 D	3400 D	28 D
Styrene	--	--		1100 UD	2400 UD	700 UD	4.6 UD
tert-Butylbenzene	100000	5900		1000 JD	2300 JD	1300 JD	16 D
Tetrachloroethene	19000	1300		530 UD	1200 UD	350 UD	2.3 UD
Toluene	100000	700		800 UD	1800 UD	530 UD	3.4 UD
trans-1,2-Dichloroethene	100000	190		800 UD	1800 UD	530 UD	3.4 UD
trans-1,3-Dichloropropene	--	--		530 UD	1200 UD	350 UD	2.3 UD
Trichloroethene	21000	470		530 UD	1200 UD	350 UD	2.3 UD
Trichlorofluoromethane	--	--		2600 UD	5900 UD	1800 UD	11 UD
Vinyl chloride	900	20		1100 UD	2400 UD	700 UD	4.6 UD
Xylenes (total)	100000	1600		1100 UD	2400 UD	700 UD	4.6 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

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-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used to provide qualitative sampling test for identifying the presence of hydrocarbons in soil. FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-5C-W-B	GT-6-E-SW	GT-6-N-SW	GT-6-W-SW-9
			Sample Date:	1/11/2016	1/13/2016	1/13/2016	1/21/2016
			Sample Depth (ft bls):	15 - 17	7 - 9	6.5 - 8.5	9 - 9
			Shake Test Result^:	PASS	PASS	PASS	PASS
1,1,1-Trichloroethane	100000	680		260 UD	67 UD	68 UD	110 UD
1,1,2,2-Tetrachloroethane	--	--		260 UD	67 UD	68 UD	110 UD
1,1,2-Trichloroethane	--	--		390 UD	100 UD	100 UD	160 UD
1,1-Dichloroethane	26000	270		390 UD	100 UD	100 UD	160 UD
1,1-Dichloroethene	100000	330		260 UD	67 UD	68 UD	110 UD
1,2,3-Trichlorobenzene	--	--		1300 UD	330 UD	340 UD	530 UD
1,2,4-Trichlorobenzene	--	--		1300 UD	330 UD	340 UD	530 UD
1,2-Dibromoethane	--	--		1000 UD	270 UD	270 UD	430 UD
1,2-Dichlorobenzene	100000	1100		1300 UD	330 UD	340 UD	530 UD
1,2-Dichloroethane	3100	20		260 UD	67 UD	68 UD	110 UD
1,2-Dichloropropane	--	--		920 UD	230 UD	240 UD	370 UD
1,3,5-Trimethylbenzene	52000	8400		1300 UD	50 JD	22 JD	530 UD
1,3-Dichlorobenzene	49000	2400		1300 UD	330 UD	340 UD	530 UD
1,4-Dichlorobenzene	13000	1800		1300 UD	330 UD	340 UD	530 UD
1,4-Dioxane	13000	100		26000 UD	6700 UD	6800 UD	11000 UD
2-Butanone (MEK)	100000	120		2600 UD	670 UD	92 JD	200 JD
2-Hexanone	--	--		2600 UD	670 UD	680 UD	1100 UD
4-Methyl-2-pentanone (MIBK)	--	--		2600 UD	670 UD	680 UD	1100 UD
Acetone	100000	50		2600 UD	160 JD	200 JD	320 JD
Benzene	4800	60		260 UD	67 UD	68 UD	110 UD
Bromochloromethane	--	--		1300 UD	330 UD	340 UD	530 UD
Bromodichloromethane	--	--		260 UD	67 UD	68 UD	110 UD
Bromoform	--	--		1000 UD	270 UD	270 UD	430 UD
Bromomethane	--	--		530 UD	130 UD	140 UD	210 UD
Carbon disulfide	--	--		2600 UD	670 UD	680 UD	1100 UD
Carbon tetrachloride	2400	760		260 UD	67 UD	68 UD	110 UD
Chlorobenzene	100000	1100		260 UD	67 UD	68 UD	110 UD
Chloroethane	--	--		530 UD	130 UD	140 UD	210 UD
Chloroform	49000	370		390 UD	100 UD	100 UD	160 UD
Chloromethane	--	--		1300 UD	330 UD	340 UD	530 UD
cis-1,2-Dichloroethene	100000	250		260 UD	67 UD	68 UD	110 UD
cis-1,3-Dichloropropene	--	--		260 UD	67 UD	68 UD	110 UD
Cyclohexane	--	--		NA	NA	NA	NA
Dibromochloromethane	--	--		260 UD	67 UD	68 UD	110 UD
Dibromochloropropane	--	--		1300 UD	330 UD	340 UD	530 UD

Table 11. Summary of Volatile Organic Compounds and Field Screening Results in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation: Sample Date: Sample Depth (ft bls): Shake Test Result^:	GT-5C-W-B 1/11/2016 15 - 17 PASS	GT-6-E-SW 1/13/2016 7 - 9 PASS	GT-6-N-SW 1/13/2016 6.5 - 8.5 PASS	GT-6-W-SW-9 1/21/2016 9 - 9 PASS
	Residential SCO	Groundwater SCO					
Dichlorodifluoromethane	--	--		2600 UD	670 UD	680 UD	1100 UD
Ethylbenzene	41000	1000		67 JD	67 UD	68 UD	160 D
Freon 113	--	--		5300 UD	1300 UD	1400 UD	2100 UD
Isopropylbenzene	--	2300		1600 D	200 D	68 UD	300 D
m+p-Xylene	--	--		130 JD	130 UVD	140 UVD	580 D
Methyl acetate	--	--		NA	NA	NA	NA
Methylcyclohexane	--	--		NA	NA	NA	NA
Methylene chloride	100000	50		2600 UD	670 UD	680 UD	1100 UD
MTBE	100000	930		530 UD	130 UD	140 UD	210 UD
n-Propylbenzene	100000	3900		4200 D	370 D	58 JD	1200 D
o-Xylene	--	--		530 UD	37 JD	15 JD	44 JD
sec-Butylbenzene	100000	11000		2800 D	570 D	65 JD	1300 D
Styrene	--	--		530 UD	130 UD	140 UD	210 UD
tert-Butylbenzene	100000	5900		360 JD	130 JD	27 JD	550 D
Tetrachloroethene	19000	1300		260 UD	67 UD	68 UD	110 UD
Toluene	100000	700		81 JD	28 JD	16 JD	160 UD
trans-1,2-Dichloroethene	100000	190		390 UD	100 UD	100 UD	160 UD
trans-1,3-Dichloropropene	--	--		260 UD	67 UD	68 UD	110 UD
Trichloroethene	21000	470		260 UD	67 UD	68 UD	110 UD
Trichlorofluoromethane	--	--		1300 UD	330 UD	340 UD	530 UD
Vinyl chloride	900	20		530 UD	130 UD	140 UD	210 UD
Xylenes (total)	100000	1600		130 JD	110 JD	110 JD	620 JD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

^ A OIL-IN-SOIL™ shake test kit was used to provide qualitative sampling test for identifying the presence of hydrocarbons in soil. FAIL means the kit identified hydrocarbons in the soil. PASS means that the kit did not identify hydrocarbons in the soil.

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-1 EAST 10/29/2015 6 - 7	D-1B 1/13/2016 11 - 13	D-2 EAST 10/29/2015 6 - 7	D-2B 1/13/2016 10 - 12	D-3 EAST 10/29/2015 6 - 7
1,1'-Biphenyl	--	--		210 J	840 UD	460 U	4200 UD	480 U
1,2,4,5-Tetrachlorobenzene	--	--		220 U	370 UD	200 U	1900 UD	210 U
2,4,5-Trichlorophenol	--	--		220 U	370 UD	200 U	1900 UD	210 U
2,4,6-Trichlorophenol	--	--		130 U	220 UD	120 U	1100 UD	130 U
2,4-Dichlorophenol	--	--		200 U	330 UD	180 U	1700 UD	190 U
2,4-Dimethylphenol	--	--		220 U	370 UD	200 U	1900 UD	210 U
2,4-Dinitrophenol	--	--		1100 U	1800 UD	980 U	9000 UD	1000 U
2,4-Dinitrotoluene	--	--		220 U	370 UD	200 U	1900 UD	210 U
2,6-Dinitrotoluene	--	--		220 U	370 UD	200 U	1900 UD	210 U
2-Chloronaphthalene	--	--		220 U	370 UD	200 U	1900 UD	210 U
2-Chlorophenol	--	--		220 U	370 UD	200 U	1900 UD	210 U
2-Methylnaphthalene	--	--		3500	140 JD	240 U	1400 JD	250 U
2-Methylphenol	100000	330		220 U	370 UD	200 U	1900 UD	210 U
2-Nitroaniline	--	--		220 U	370 UD	200 U	1900 UD	210 U
2-Nitrophenol	--	--		480 U	800 UD	440 U	4000 UD	460 U
3&4-Methylphenol	100000	330		320 U	530 UD	290 U	2700 UD	300 U
3,3'-Dichlorobenzidine	--	--		220 U	370 UJVD	200 U	1900 UJVD	210 U
3-Nitroaniline	--	--		220 U	370 UD	200 U	1900 UD	210 U
4,6-Dinitro-2-methylphenol	--	--		580 U	960 UD	530 U	4800 UD	550 U
4-Bromophenyl phenyl ether	--	--		220 U	370 UD	200 U	1900 UD	210 U
4-Chloro-3-methylphenol	--	--		220 U	370 UD	200 U	1900 UD	210 U
4-Chloroaniline	--	--		220 U	370 UD	200 U	1900 UD	210 U
4-Chlorophenyl phenyl ether	--	--		220 U	370 UD	200 U	1900 UD	210 U
4-Nitroaniline	--	--		220 U	370 UD	200 U	1900 UD	210 U
4-Nitrophenol	--	--		310 U	520 UD	280 U	2600 UD	300 U
Acenaphthene	100000	98000		370	300 UD	47 J	1500 UD	180
Acenaphthylene	100000	107000		730	300 UD	160 U	1500 UD	190
Acetophenone	--	--		220 U	370 UD	200 U	1900 UD	210 U
Anthracene	100000	1000000		1200	220 UD	91 J	1100 UD	560
Benzo[a]anthracene	1000	1000		3100	220 UD	140	220 JD	1000
Benzo[a]pyrene	1000	22000		4000	300 UD	98 J	1500 UD	1000

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-1 EAST 10/29/2015 6 - 7	D-1B 1/13/2016 11 - 13	D-2 EAST 10/29/2015 6 - 7	D-2B 1/13/2016 10 - 12	D-3 EAST 10/29/2015 6 - 7
Benzo[b]fluoranthene	1000	1700		5000	220 UD	160	1100 UD	1300
Benzo[g,h,i]perylene	100000	1000000		3200	300 UD	53 J	1500 UD	580
Benzo[k]fluoranthene	3900	1700		1900	220 UD	58 J	1100 UD	500
Benzoic Acid	--	--		730 U	1200 UJVD	660 U	6000 UJVD	680 U
Benzyl Alcohol	--	--		220 U	370 UD	200 U	1900 UD	210 U
Bis(2-chloroethoxy)methane	--	--		240 U	400 UD	220 U	2000 UD	230 U
Bis(2-chloroethyl) ether	--	--		200 U	330 UD	180 U	1700 UD	190 U
bis(2-Chloroisopropyl)ether	--	--		270 U	440 UD	240 U	2200 UD	250 U
Bis(2-ethylhexyl) phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Butylbenzyl phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Carbazole	--	--		570	370 UD	200 U	1900 UD	97 J
Chrysene	3900	1000		3600	220 UD	140	1100 UD	1000
Dibenzo[a,h]anthracene	330	1000000		690	220 UD	120 U	1100 UD	170
Dibenzofuran	59000	210000		370	370 UD	200 U	1900 UD	160 J
Diethyl phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Dimethyl phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Di-n-butyl phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Di-n-octyl phthalate	--	--		220 U	370 UD	200 U	1900 UD	210 U
Fluoranthene	100000	1000000		6200	77 JD	390	430 JD	2200
Fluorene	100000	386000		450	370 UD	87 J	1900 UD	280
Hexachlorobenzene	1200	3200		130 U	220 UD	120 U	1100 UD	130 U
Hexachlorobutadiene	--	--		220 U	370 UD	200 U	1900 UD	210 U
Hexachlorocyclopentadiene	--	--		640 U	1000 UD	580 U	5300 UD	600 U
Hexachloroethane	--	--		180 U	300 UD	160 U	1500 UD	170 U
Indeno[1,2,3-cd]pyrene	500	8200		3200	110 JD	60 J	1500 UD	640
Isophorone	--	--		200 U	330 UD	180 U	1700 UD	190 U
Naphthalene	100000	12000		7600	530 D	200 U	6200 D	210 U
Nitrobenzene	--	--		200 U	330 UD	180 U	1700 UD	190 U
n-Nitrosodi-n-propylamine	--	--		220 U	370 UD	200 U	1900 UD	210 U
n-Nitrosodiphenylamine	--	--		180 U	300 UD	160 U	1500 UD	170 U
Pentachlorophenol	6700	800		180 U	300 UD	160 U	1500 UD	170 U

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-1 EAST	D-1B	D-2 EAST	D-2B	D-3 EAST
			Sample Date:	10/29/2015	1/13/2016	10/29/2015	1/13/2016	10/29/2015
			Sample Depth (ft bls):	6 - 7	11 - 13	6 - 7	10 - 12	6 - 7
Phenanthrene	100000	1000000		3200	70 JD	350	440 JD	1600
Phenol	100000	330		220 U	370 UD	200 U	1900 UD	210 U
Pyrene	100000	1000000		5500	64 JD	320	420 JD	1800

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

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V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

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Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-3B 1/13/2016 10 - 12	D-4 EAST 1/7/2016 6 - 7	D-4B 1/13/2016 10 - 12	D-5 EAST 1/7/2016 6 - 7	D-5 SOUTH 1/7/2016 6 - 7
1,1'-Biphenyl	--	--		410 U	500 U	4600 UD	870 UD	2800 UD
1,2,4,5-Tetrachlorobenzene	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2,4,5-Trichlorophenol	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2,4,6-Trichlorophenol	--	--		110 U	130 U	1200 UD	230 UD	730 UD
2,4-Dichlorophenol	--	--		160 U	200 U	1800 UD	340 UD	1100 UD
2,4-Dimethylphenol	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2,4-Dinitrophenol	--	--		860 U	1000 U	9800 UD	1800 UD	5900 UD
2,4-Dinitrotoluene	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2,6-Dinitrotoluene	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2-Chloronaphthalene	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2-Chlorophenol	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2-Methylnaphthalene	--	--		330	75 J	1100 JD	460 UD	580 JD
2-Methylphenol	100000	330		180 U	220 U	2000 UD	380 UD	1200 UD
2-Nitroaniline	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
2-Nitrophenol	--	--		390 U	470 U	4400 UD	820 UD	2600 UD
3&4-Methylphenol	100000	330		260 U	320 U	2900 UD	550 UD	1100 JD
3,3'-Dichlorobenzidine	--	--		180 UJV	220 UJV	2000 UD	380 UJVD	1200 UJVD
3-Nitroaniline	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4,6-Dinitro-2-methylphenol	--	--		470 U	570 U	5300 UD	990 UD	3200 UD
4-Bromophenyl phenyl ether	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4-Chloro-3-methylphenol	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4-Chloroaniline	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4-Chlorophenyl phenyl ether	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4-Nitroaniline	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
4-Nitrophenol	--	--		250 U	310 U	2800 UD	530 UD	1700 UD
Acenaphthene	100000	98000		28 J	180 U	1600 UD	300 UD	980 UD
Acenaphthylene	100000	107000		140 U	180 U	1600 UD	300 UD	980 UD
Acetophenone	--	--		180 U	220 U	2000 UD	380 UD	1200 UD
Anthracene	100000	1000000		36 J	78 J	1200 UD	230 UD	730 UD
Benzo[a]anthracene	1000	1000		65 J	1200	1200 UD	95 JD	730 UD
Benzo[a]pyrene	1000	22000		44 J	1200	1600 UD	130 JD	980 UD

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation:				
	Residential SCO	Groundwater SCO	Sample Date:	D-3B	D-4 EAST	D-4B	D-5 EAST
			Sample Depth (ft bls):	10 - 12	6 - 7	10 - 12	6 - 7
							D-5 SOUTH 1/7/2016 6 - 7
Benzo[b]fluoranthene	1000	1700	64 J	1900	1200 UD	250 D	730 UD
Benzo[g,h,i]perylene	100000	1000000	27 J	1200	1600 UD	190 JD	980 UD
Benzo[k]fluoranthene	3900	1700	110 U	670	1200 UD	230 UD	730 UD
Benzoic Acid	--	--	580 UJV	710 U	6600 UD	1200 UD	4000 UD
Benzyl Alcohol	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Bis(2-chloroethoxy)methane	--	--	190 U	240 U	2200 UD	410 UD	1300 UD
Bis(2-chloroethyl) ether	--	--	160 U	200 U	1800 UD	340 UD	1100 UD
bis(2-Chloroisopropyl)ether	--	--	220 U	260 U	2400 UD	460 UD	1500 UD
Bis(2-ethylhexyl) phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Butylbenzyl phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Carbazole	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Chrysene	3900	1000	60 J	1400	1200 UD	380 D	730 UD
Dibenzo[a,h]anthracene	330	1000000	110 U	270	1200 UD	230 UD	730 UD
Dibenzofuran	59000	210000	21 J	220 U	2000 UD	380 UD	1200 UD
Diethyl phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Dimethyl phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Di-n-butyl phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Di-n-octyl phthalate	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Fluoranthene	100000	1000000	160	1700	280 JD	230 UD	730 UD
Fluorene	100000	386000	38 J	220 U	2000 UD	380 UD	1200 UD
Hexachlorobenzene	1200	3200	110 U	130 U	1200 UD	230 UD	730 UD
Hexachlorobutadiene	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
Hexachlorocyclopentadiene	--	--	510 U	630 U	5800 UD	1100 UD	3500 UD
Hexachloroethane	--	--	140 U	180 U	1600 UD	300 UD	980 UD
Indeno[1,2,3-cd]pyrene	500	8200	28 J	1100	1600 UD	140 JD	980 UD
Isophorone	--	--	160 U	200 U	1800 UD	340 UD	1100 UD
Naphthalene	100000	12000	1100	220 U	2000 UD	380 UD	810 JD
Nitrobenzene	--	--	160 U	200 U	1800 UD	340 UD	1100 UD
n-Nitrosodi-n-propylamine	--	--	180 U	220 U	2000 UD	380 UD	1200 UD
n-Nitrosodiphenylamine	--	--	140 U	180 U	1600 UD	300 UD	980 UD
Pentachlorophenol	6700	800	140 U	180 U	1600 UD	300 UD	980 UD

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-3B	D-4 EAST	D-4B	D-5 EAST	D-5 SOUTH
			Sample Date:	1/13/2016	1/7/2016	1/13/2016	1/7/2016	1/7/2016
			Sample Depth (ft bls):	10 - 12	6 - 7	10 - 12	6 - 7	6 - 7
Phenanthrene	100000	1000000		170	340	300 JD	230 UD	260 JD
Phenol	100000	330		180 U	220 U	2000 UD	380 UD	1200 UD
Pyrene	100000	1000000		140	2000	250 JD	230 UD	730 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

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Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-5B 1/13/2016 10 - 12	DUP011316 DUP 1/13/2016 -	GT-1-E-SW-9 12/14/2015 9 - 9	GT-2-N-SW-9 12/14/2015 9 - 9
1,1'-Biphenyl	--	--		4300 UD	440 U	440 U	2300 UD
1,2,4,5-Tetrachlorobenzene	--	--		1900 UD	190 U	190 U	1000 UD
2,4,5-Trichlorophenol	--	--		1900 UD	190 U	190 U	1000 UD
2,4,6-Trichlorophenol	--	--		1100 UD	120 U	120 U	600 UD
2,4-Dichlorophenol	--	--		1700 UD	170 U	180 U	910 UD
2,4-Dimethylphenol	--	--		1900 UD	190 U	190 U	1000 UD
2,4-Dinitrophenol	--	--		9100 UD	920 U	940 U	4800 UD
2,4-Dinitrotoluene	--	--		1900 UD	190 U	190 U	1000 UD
2,6-Dinitrotoluene	--	--		1900 UD	190 U	190 U	1000 UD
2-Chloronaphthalene	--	--		1900 UD	190 U	190 U	1000 UD
2-Chlorophenol	--	--		1900 UD	190 U	190 U	1000 UD
2-Methylnaphthalene	--	--		390 JD	180 J	89 J	1200 UD
2-Methylphenol	100000	330		1900 UD	190 U	190 U	1000 UD
2-Nitroaniline	--	--		1900 UD	190 U	190 U	1000 UD
2-Nitrophenol	--	--		4100 UD	420 U	420 U	2200 UD
3&4-Methylphenol	100000	330		2700 UD	280 U	280 U	1400 UD
3,3'-Dichlorobenzidine	--	--		1900 UD	190 UJV	190 U	1000 UD
3-Nitroaniline	--	--		1900 UD	190 U	190 U	1000 UD
4,6-Dinitro-2-methylphenol	--	--		4900 UD	500 U	510 U	2600 UD
4-Bromophenyl phenyl ether	--	--		1900 UD	190 U	190 U	1000 UD
4-Chloro-3-methylphenol	--	--		1900 UD	190 U	190 U	1000 UD
4-Chloroaniline	--	--		1900 UD	190 U	190 U	1000 UD
4-Chlorophenyl phenyl ether	--	--		1900 UD	190 U	190 U	1000 UD
4-Nitroaniline	--	--		1900 UD	190 U	190 U	1000 UD
4-Nitrophenol	--	--		2600 UD	270 U	270 U	1400 UD
Acenaphthene	100000	98000		1500 UD	97 J	160 U	800 UD
Acenaphthylene	100000	107000		1500 UD	150 U	160 U	800 UD
Acetophenone	--	--		1900 UD	190 U	190 U	1000 UD
Anthracene	100000	1000000		1100 UD	110 J	120 U	600 UD
Benzo[a]anthracene	1000	1000		1100 UD	260	120 U	600 UD
Benzo[a]pyrene	1000	22000		1500 UD	340	160 U	800 UD

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-5B 1/13/2016 10 - 12	DUP011316 DUP 1/13/2016 -	GT-1-E-SW-9 12/14/2015 9 - 9	GT-2-N-SW-9 12/14/2015 9 - 9
Benzo[b]fluoranthene	1000	1700		1100 UD	480	120 U	600 UD
Benzo[g,h,i]perylene	100000	1000000		1500 UD	280	160 U	800 UD
Benzo[k]fluoranthene	3900	1700		1100 UD	160	120 U	600 UD
Benzoic Acid	--	--		6200 UD	620 UJV	630 U	3300 UD
Benzyl Alcohol	--	--		1900 UD	190 U	190 U	1000 UD
Bis(2-chloroethoxy)methane	--	--		2000 UD	210 U	210 U	1100 UD
Bis(2-chloroethyl) ether	--	--		1700 UD	170 U	180 U	910 UD
bis(2-Chloroisopropyl)ether	--	--		2300 UD	230 U	230 U	1200 UD
Bis(2-ethylhexyl) phthalate	--	--		1900 UD	190 U	64 J	1000 UD
Butylbenzyl phthalate	--	--		1900 UD	190 U	190 U	1000 UD
Carbazole	--	--		1900 UD	190 U	190 U	1000 UD
Chrysene	3900	1000		1100 UD	320	120 U	600 UD
Dibenzo[a,h]anthracene	330	1000000		1100 UD	84 J	120 U	600 UD
Dibenzofuran	59000	210000		1900 UD	73 J	190 U	1000 UD
Diethyl phthalate	--	--		1900 UD	190 U	190 U	1000 UD
Dimethyl phthalate	--	--		1900 UD	190 U	190 U	1000 UD
Di-n-butyl phthalate	--	--		1900 UD	190 U	190 U	1000 UD
Di-n-octyl phthalate	--	--		1900 UD	190 U	190 U	1000 UD
Fluoranthene	100000	1000000		1100 UD	510	53 J	600 UD
Fluorene	100000	386000		1900 UD	160 J	190 U	1000 UD
Hexachlorobenzene	1200	3200		1100 UD	120 U	120 U	600 UD
Hexachlorobutadiene	--	--		1900 UD	190 U	190 U	1000 UD
Hexachlorocyclopentadiene	--	--		5400 UD	550 U	560 U	2900 UD
Hexachloroethane	--	--		1500 UD	150 U	160 U	800 UD
Indeno[1,2,3-cd]pyrene	500	8200		1500 UD	280	160 U	800 UD
Isophorone	--	--		1700 UD	170 U	180 U	910 UD
Naphthalene	100000	12000		1900 UD	250	190 U	1000 UD
Nitrobenzene	--	--		1700 UD	170 U	180 U	910 UD
n-Nitrosodi-n-propylamine	--	--		1900 UD	190 U	190 U	1000 UD
n-Nitrosodiphenylamine	--	--		1500 UD	150 U	160 U	800 UD
Pentachlorophenol	6700	800		1500 UD	150 U	160 U	800 UD

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-5B 1/13/2016 10 - 12	DUP011316 DUP 1/13/2016 -	GT-1-E-SW-9 12/14/2015 9 - 9	GT-2-N-SW-9 12/14/2015 9 - 9
Phenanthrene	100000	1000000		1100 UD	450	93 J	600 UD
Phenol	100000	330		1900 UD	190 U	190 U	1000 UD
Pyrene	100000	1000000		1100 UD	280	67 J	600 UD

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation:	GT-3A-W-SW-9	GT-4A-E-B	GT-5C-W-B	GT-5C-W-B
	Residential SCO	Groundwater SCO	Sample Date:	12/3/2015	1/12/2016	1/11/2016	1/11/2016
			Sample Depth (ft bls):	9 - 9	16 - 17	9 - 11	15 - 17
1,1'-Biphenyl	--	--		550 U	430 U	4800 UD	440 U
1,2,4,5-Tetrachlorobenzene	--	--		240 U	190 U	2100 UD	190 U
2,4,5-Trichlorophenol	--	--		240 U	190 U	2100 UD	190 U
2,4,6-Trichlorophenol	--	--		140 U	110 U	1300 UD	110 U
2,4-Dichlorophenol	--	--		220 U	170 U	1900 UD	170 U
2,4-Dimethylphenol	--	--		240 U	190 U	2100 UD	190 U
2,4-Dinitrophenol	--	--		1200 U	900 U	10000 UD	920 U
2,4-Dinitrotoluene	--	--		240 U	190 U	2100 UD	190 U
2,6-Dinitrotoluene	--	--		240 U	190 U	2100 UD	190 U
2-Chloronaphthalene	--	--		240 U	190 U	2100 UD	190 U
2-Chlorophenol	--	--		240 U	190 U	2100 UD	190 U
2-Methylnaphthalene	--	--		290 U	220 U	2500 UD	230 U
2-Methylphenol	100000	330		240 U	190 U	2100 UD	190 U
2-Nitroaniline	--	--		240 U	190 U	2100 UD	190 U
2-Nitrophenol	--	--		520 U	400 U	4600 UD	410 U
3&4-Methylphenol	100000	330		340 U	270 U	3000 UD	270 U
3,3'-Dichlorobenzidine	--	--		240 UJV	190 U	2100 UJVD	190 UJV
3-Nitroaniline	--	--		240 U	190 U	2100 UD	190 U
4,6-Dinitro-2-methylphenol	--	--		620 U	490 U	5500 UD	500 U
4-Bromophenyl phenyl ether	--	--		240 U	190 U	2100 UD	190 U
4-Chloro-3-methylphenol	--	--		240 U	190 U	2100 UD	190 U
4-Chloroaniline	--	--		240 U	190 U	2100 UD	190 U
4-Chlorophenyl phenyl ether	--	--		240 U	190 U	2100 UD	190 U
4-Nitroaniline	--	--		240 U	190 U	2100 UD	190 U
4-Nitrophenol	--	--		340 U	260 U	3000 UD	270 U
Acenaphthene	100000	98000		190 U	150 U	1700 UD	150 U
Acenaphthylene	100000	107000		190 U	150 U	1700 UD	150 U
Acetophenone	--	--		240 U	190 U	2100 UD	190 U
Anthracene	100000	1000000		140 U	110 U	1300 UD	110 U
Benzo[a]anthracene	1000	1000		68 J	110 U	250 JD	110 U
Benzo[a]pyrene	1000	22000		91 J	150 U	1700 UD	150 U

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation:	GT-3A-W-SW-9	GT-4A-E-B	GT-5C-W-B	GT-5C-W-B
	Residential SCO	Groundwater SCO	Sample Date:	12/3/2015	1/12/2016	1/11/2016	1/11/2016
			Sample Depth (ft bls):	9 - 9	16 - 17	9 - 11	15 - 17
Benzo[b]fluoranthene	1000	1700		120 J	110 U	1300 UD	110 U
Benzo[g,h,i]perylene	100000	1000000		70 J	150 U	1700 UD	150 U
Benzo[k]fluoranthene	3900	1700		140 U	110 U	1300 UD	110 U
Benzoic Acid	--	--		780 UJV	610 U	6800 UD	620 U
Benzyl Alcohol	--	--		240 U	190 U	2100 UD	190 U
Bis(2-chloroethoxy)methane	--	--		260 U	200 U	2300 UD	210 U
Bis(2-chloroethyl) ether	--	--		220 U	170 U	1900 UD	170 U
bis(2-Chloroisopropyl)ether	--	--		290 U	220 U	2500 UD	230 U
Bis(2-ethylhexyl) phthalate	--	--		240 U	190 U	2100 UD	190 U
Butylbenzyl phthalate	--	--		240 U	190 U	2100 UD	190 U
Carbazole	--	--		240 U	190 U	2100 UD	190 U
Chrysene	3900	1000		85 J	110 U	290 JD	110 U
Dibenzo[a,h]anthracene	330	1000000		140 U	110 U	1300 UD	110 U
Dibenzofuran	59000	210000		240 U	190 U	2100 UD	190 U
Diethyl phthalate	--	--		240 U	190 U	2100 UD	190 U
Dimethyl phthalate	--	--		240 U	190 U	2100 UD	190 U
Di-n-butyl phthalate	--	--		240 U	190 U	2100 UD	190 U
Di-n-octyl phthalate	--	--		240 U	190 U	2100 UD	190 U
Fluoranthene	100000	1000000		140 U	110 U	390 JD	110 U
Fluorene	100000	386000		240 U	190 U	850 JD	190 U
Hexachlorobenzene	1200	3200		140 U	110 U	1300 UD	110 U
Hexachlorobutadiene	--	--		240 U	190 U	2100 UD	190 U
Hexachlorocyclopentadiene	--	--		680 U	540 U	6000 UD	540 U
Hexachloroethane	--	--		190 U	150 U	1700 UD	150 U
Indeno[1,2,3-cd]pyrene	500	8200		55 J	150 U	1700 UD	150 U
Isophorone	--	--		220 U	170 U	1900 UD	170 U
Naphthalene	100000	12000		240 U	190 U	2100 UD	190 U
Nitrobenzene	--	--		220 U	170 U	1900 UD	170 U
n-Nitrosodi-n-propylamine	--	--		240 U	190 U	2100 UD	190 U
n-Nitrosodiphenylamine	--	--		190 U	150 U	1700 UD	150 U
Pentachlorophenol	6700	800		190 U	150 U	1700 UD	150 U

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-3A-W-SW-9	GT-4A-E-B	GT-5C-W-B	GT-5C-W-B
			Sample Date:	12/3/2015	1/12/2016	1/11/2016	1/11/2016
			Sample Depth (ft bls):	9 - 9	16 - 17	9 - 11	15 - 17
Phenanthrene	100000	1000000		140 U	110 U	1500 D	110 U
Phenol	100000	330		240 U	190 U	2100 UD	190 U
Pyrene	100000	1000000		160	110 U	500 JD	110 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-6-E-SW	GT-6-N-SW	GT-6-W-SW-9
			Sample Date:	1/13/2016	1/13/2016	1/21/2016
			Sample Depth (ft bls):	7 - 9	6.5 - 8.5	9 - 9
1,1'-Biphenyl	--	--		500 U	67 J	500 U
1,2,4,5-Tetrachlorobenzene	--	--		220 U	220 U	220 U
2,4,5-Trichlorophenol	--	--		220 U	220 U	220 U
2,4,6-Trichlorophenol	--	--		130 U	130 U	130 U
2,4-Dichlorophenol	--	--		200 U	200 U	200 U
2,4-Dimethylphenol	--	--		220 U	220 U	220 U
2,4-Dinitrophenol	--	--		1000 U	1100 U	1000 U
2,4-Dinitrotoluene	--	--		220 U	220 U	220 U
2,6-Dinitrotoluene	--	--		220 U	220 U	220 U
2-Chloronaphthalene	--	--		220 U	220 U	220 U
2-Chlorophenol	--	--		220 U	220 U	220 U
2-Methylnaphthalene	--	--		130 J	780	500
2-Methylphenol	100000	330		220 U	220 U	220 U
2-Nitroaniline	--	--		220 U	220 U	220 U
2-Nitrophenol	--	--		470 U	480 U	480 U
3&4-Methylphenol	100000	330		310 U	320 U	320 U
3,3'-Dichlorobenzidine	--	--		220 UJV	220 UJV	220 U
3-Nitroaniline	--	--		220 U	220 U	220 U
4,6-Dinitro-2-methylphenol	--	--		570 U	580 U	570 U
4-Bromophenyl phenyl ether	--	--		220 U	220 U	220 U
4-Chloro-3-methylphenol	--	--		220 U	220 U	220 U
4-Chloroaniline	--	--		220 U	220 U	220 U
4-Chlorophenyl phenyl ether	--	--		220 U	220 U	220 U
4-Nitroaniline	--	--		220 U	220 U	220 U
4-Nitrophenol	--	--		300 U	310 U	310 U
Acenaphthene	100000	98000		71 J	170 J	130 J
Acenaphthylene	100000	107000		170 U	180 U	180 U
Acetophenone	--	--		220 U	220 U	220 U
Anthracene	100000	1000000		82 J	280	240
Benzo[a]anthracene	1000	1000		180	520	1100
Benzo[a]pyrene	1000	22000		240	690	1300

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-6-E-SW	GT-6-N-SW	GT-6-W-SW-9
			Sample Date:	1/13/2016	1/13/2016	1/21/2016
			Sample Depth (ft bls):	7 - 9	6.5 - 8.5	9 - 9
Benzo[b]fluoranthene	1000	1700		350	1100	1800
Benzo[g,h,i]perylene	100000	1000000		180	690	1000
Benzo[k]fluoranthene	3900	1700		120 J	380	590
Benzoic Acid	--	--		710 UJV	720 UJV	710 U
Benzyl Alcohol	--	--		220 U	220 U	220 U
Bis(2-chloroethoxy)methane	--	--		240 U	240 U	240 U
Bis(2-chloroethyl) ether	--	--		200 U	200 U	200 U
bis(2-Chloroisopropyl)ether	--	--		260 U	260 U	260 U
Bis(2-ethylhexyl) phthalate	--	--		160 J	220 U	220 U
Butylbenzyl phthalate	--	--		220 U	220 U	220 U
Carbazole	--	--		220 U	220 U	220 U
Chrysene	3900	1000		220	700	1100
Dibenzo[a,h]anthracene	330	1000000		56 J	200	260
Dibenzofuran	59000	210000		55 J	200 J	99 J
Diethyl phthalate	--	--		220 U	220 U	220 U
Dimethyl phthalate	--	--		220 U	220 U	220 U
Di-n-butyl phthalate	--	--		220 U	220 U	220 U
Di-n-octyl phthalate	--	--		220 U	220 U	220 U
Fluoranthene	100000	1000000		310	930	1800
Fluorene	100000	386000		120 J	320	180 J
Hexachlorobenzene	1200	3200		130 U	130 U	130 U
Hexachlorobutadiene	--	--		220 U	220 U	220 U
Hexachlorocyclopentadiene	--	--		620 U	630 U	630 U
Hexachloroethane	--	--		170 U	180 U	180 U
Indeno[1,2,3-cd]pyrene	500	8200		210	640	940
Isophorone	--	--		200 U	200 U	200 U
Naphthalene	100000	12000		190 J	2300	2000
Nitrobenzene	--	--		200 U	200 U	200 U
n-Nitrosodi-n-propylamine	--	--		220 U	220 U	220 U
n-Nitrosodiphenylamine	--	--		170 U	180 U	180 U
Pentachlorophenol	6700	800		170 U	180 U	180 U

Table 12. Summary of Semivolatile Organic Compounds in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	GT-6-E-SW	GT-6-N-SW	GT-6-W-SW-9
			Sample Date:	1/13/2016	1/13/2016	1/21/2016
			Sample Depth (ft bls):	7 - 9	6.5 - 8.5	9 - 9
Phenanthrene	100000	1000000		300	500	530
Phenol	100000	330		220 U	220 U	220 U
Pyrene	100000	1000000		180	860	1700

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 13. Summary of Metals in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-1 EAST 10/29/2015 6 - 7	D-1B 1/13/2016 11 - 13	D-2 EAST 10/29/2015 6 - 7	D-2B 1/13/2016 10 - 12	D-3 EAST 10/29/2015 6 - 7	D-3B 1/13/2016 10 - 12	D-4 EAST 1/7/2016 6 - 7
Aluminum	--	--		4300	8700	5500	7900	6100	10000	6700
Antimony	--	--		5.1 J	4.5 U	4.9 U	1.2 J	5.1 U	4.4 U	5.2 U
Arsenic	16	16		34	3.8	7.9	4	7.6	2.5	2.7
Barium	400	820		160	52	16	47	70	66	34
Beryllium	72	47		1.4	0.13 J	0.15 J	0.20 J	0.20 J	0.30 J	0.18 J
Cadmium	4.3	7.5		2.3	0.9 U	0.98 U	0.89 U	1 U	0.88 U	1 U
Calcium	--	--		21000	1600	1000	3200 JV	1500	4600	6800 JV
Chromium	180	--		12	53	10	20	12	42	11
Cobalt	--	--		11	6.3	5.1	6.1	7	12	4.9
Copper	270	1720		70	34	14	22	19	38	25
Iron	--	--		19000	19000	18000	20000	18000	22000	14000
Lead	400	450		320	4.5 U	4.9 U	0.89 J	7.5	2.1 J	37 JV
Magnesium	--	--		1700	3800	2700	3700	2600	6600	2500
Manganese	2000	2000		450	230	250	300	220	390	140
Mercury	0.81	0.73		0.35	0.07 U	0.03 J	0.07 U	0.04 J	0.07 U	0.17
Nickel	310	130		23	16	12	16	13	29	12
Potassium	--	--		670	2000	690	2300 JV	760	2800	640
Selenium	180	4		2.8	0.39 J	0.34 J	1.8 U	2 U	1.8 U	2.1 U
Silver	180	8.3		1 U	0.9 U	0.98 U	0.89 U	1 U	0.88 U	1 U
Sodium	--	--		610	340	190 J	190	240	340	190 J
Thallium	--	--		2.1 U	1.8 U	2 U	1.8 U	2 U	1.8 U	2.1 U
Vanadium	--	--		20	36	12	25	15	41	42 JV
Zinc	10000	2480		9000	32	36	39	57	47	100 JV

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No SCO available

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Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO

Table 13. Summary of Metals in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-4B 1/13/2016 10 - 12	D-5 EAST 1/7/2016 6 - 7	D-5 SOUTH 1/7/2016 6 - 7	D-5B 1/13/2016 10 - 12	DUP011316 DUP 1/13/2016 -	GT-1-E-SW-9 12/14/2015 9 - 9
Aluminum	--	--		7900	5500	4600	8800	5500	3300
Antimony	--	--		5 U	4.6 U	5.7 U	4.6 U	4.7 UJV	4.7 U
Arsenic	16	16		1.5	5.4	6.2	4.1	15	1.1
Barium	400	820		47	28	510	47	240 JV	67
Beryllium	72	47		0.32 J	4.6 U	0.87	0.28 J	0.189 J	0.1309 J
Cadmium	4.3	7.5		0.99 U	0.93 U	0.10 J	0.91 U	1.2 JV	0.07 J
Calcium	--	--		1000	4200	5200	17000	38000	6500
Chromium	180	--		24	9.3	16	14	16 JV	7.5
Cobalt	--	--		7.4	4.4	5.5	4.1	6.2	3
Copper	270	1720		19	14	56	25	130	30
Iron	--	--		17000	11000	5400	14000	32000 JV	12000
Lead	400	450		1.1 J	11	89	13	140	16
Magnesium	--	--		3100	2200	400	3700	3200 JV	4500
Manganese	2000	2000		380	84	44	240	360	130
Mercury	0.81	0.73		0.08 U	0.15	0.79	0.04 J	0.37 JV	0.03 J
Nickel	310	130		13	22	13	10	12 JV	7.3
Potassium	--	--		1900	450	240 J	1200	1000	690
Selenium	180	4		2 U	1.8 U	0.36 J	1.8 U	1.9 U	1.9 U
Silver	180	8.3		0.99 U	0.93 U	1.1 U	0.91 U	0.95 U	0.93 U
Sodium	--	--		140 J	69 J	210 J	760	340	130 J
Thallium	--	--		2 U	1.8 U	2.3 U	1.8 U	1.9 U	1.9 U
Vanadium	--	--		31	800	50	42	19 JV	11
Zinc	10000	2480		32	74	98	56	1000 JV	41

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

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V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

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SCO - Soil Cleanup Objectives

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Table 13. Summary of Metals in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation:	GT-2-N-SW-9	GT-3A-W-SW-9	GT-4A-E-B	GT-5C-W-B	GT-5C-W-B	GT-6-E-SW
(Concentrations in µg/kg)	Residential SCO	Groundwater SCO	Sample Date:	12/14/2015	12/3/2015	1/12/2016	1/11/2016	1/11/2016	1/13/2016
			Sample Depth (ft bls):	9 - 9	9 - 9	16 - 17	9 - 11	15 - 17	7 - 9
Aluminum	--	--		3200	6300	6400	8000	5900	4800
Antimony	--	--		4.6 U	5.8 U	4.5 UV	1.3 J	7	13 JV
Arsenic	16	16		0.72 J	4.8	10	3.3	6.9	22
Barium	400	820		32	44	120	50 JV	100	120 JV
Beryllium	72	47		0.1674 J	0.32 J	0.39 J	0.34 J	0.49	2.6 U
Cadmium	4.3	7.5		0.260 J	1.2 U	0.9 U	1 U	0.92 U	9.5 JV
Calcium	--	--		5200	1800	28000	6900	1100	52000
Chromium	180	--		9.1	11	16	11	12	1300 JV
Cobalt	--	--		3.3	7.4	8.5	5.6	8.4	8.3
Copper	270	1720		28	58	270	15	17	160
Iron	--	--		10000	13000	33000	16000	29000	75000 JV
Lead	400	450		12	57	4.5 U	14	46 U	120
Magnesium	--	--		4500	2500	15000	3400	2100	18000 JV
Manganese	2000	2000		100	360	1100	150	2200	540
Mercury	0.81	0.73		0.08 U	0.03 J	0.07 U	0.06 J	0.08 U	0.20 JV
Nickel	310	130		8.8	16	12	14	16	67 JV
Potassium	--	--		800	650	1700	660	700	790
Selenium	180	4		0.39 J	2.3 U	1.8 U	0.84 J	1.8 U	2.1 U
Silver	180	8.3		0.93 U	1.2 U	0.9 U	1 U	0.92 U	1 U
Sodium	--	--		140 J	160 J	160 J	180 J	120 J	300
Thallium	--	--		1.9 U	2.3 U	1.8 U	2 U	1.8 U	2.1 U
Vanadium	--	--		14	16	13	14	19	95 JV
Zinc	10000	2480		50	130	72	53	46	4200 JV

J - Estimated value

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V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

UJ - Analyte was not detected. The associated reported quantitation limit is an estimate

NJ - Detection is tentative in identification and estimated in value

DUP - Duplicate sample

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Table 13. Summary of Metals in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	GT-6-N-SW 1/13/2016 6.5 - 8.5	GT-6-W-SW-9 1/21/2016 9 - 9
Aluminum	--	--		4600	5500
Antimony	--	--		2.0 J	3.7 J
Arsenic	16	16		23	26
Barium	400	820		63	110
Beryllium	72	47		0.27 J	0.36 J
Cadmium	4.3	7.5		0.09 J	1.2
Calcium	--	--		3400	3200
Chromium	180	--		13	27
Cobalt	--	--		4.6	5.1
Copper	270	1720		300 JV	570
Iron	--	--		51000	37000
Lead	400	450		230 JV	520
Magnesium	--	--		720	1100
Manganese	2000	2000		350	350
Mercury	0.81	0.73		0.36	0.52
Nickel	310	130		39 JV	41
Potassium	--	--		460	680
Selenium	180	4		0.74 J	1.9 J
Silver	180	8.3		0.23 J	0.52 J
Sodium	--	--		110 J	160 J
Thallium	--	--		2.1 U	2 U
Vanadium	--	--		14	19
Zinc	10000	2480		300	470

J - Estimated value

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Table 14. Summary of Polychlorinated Biphenyls in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation:	D-1 EAST	D-1B	D-2 EAST	D-2B	D-3 EAST	D-3B
			Sample Date:	10/29/2015	1/13/2016	10/29/2015	1/13/2016	10/29/2015	1/13/2016
			Sample Depth (ft bls):	6 - 7	11 - 13	6 - 7	10 - 12	6 - 7	10 - 12
Aroclor-1016	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1221	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1232	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1242	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1248	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1254	--	--		108	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1260	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1262	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
Aroclor-1268	--	--		44.5 U	37 U	40.5 U	38.2 U	41.4 U	36.2 U
PCBS, TOTAL	1000	3200		108	37.0 U	40.5 U	38.2 U	41.4 U	36.2 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

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Table 14. Summary of Polychlorinated Biphenyls in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: D-4 EAST	D-4B	D-5 EAST	D-5 SOUTH	D-5B
			Sample Date: 1/7/2016	1/13/2016	1/7/2016	1/7/2016	1/13/2016
			Sample Depth (ft bls): 6 - 7	10 - 12	6 - 7	6 - 7	10 - 12
Aroclor-1016	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1221	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1232	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1242	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1248	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1254	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1260	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1262	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
Aroclor-1268	--	--	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U
PCBS, TOTAL	1000	3200	44.2 U	39.7 U	38.5 U	48.4 U	38.2 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - A secondary analysis after dilution due to exceedance of the calibration range in the original sample

V - Value altered or qualifier added during data validation

DUP - Duplicate sample

NA - Compound was not analyzed by laboratory

µg/kg - Micrograms per kilogram

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Table 15. Summary of Pesticides and Herbicides in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Sample Designation: Sample Date: Sample Depth (ft bls):	D-1 EAST 10/29/2015 6 - 7	D-1B 1/13/2016 11 - 13	D-2 EAST 10/29/2015 6 - 7	D-2B 1/13/2016 10 - 12	D-3 EAST 10/29/2015 6 - 7	D-3B 1/13/2016 10 - 12	D-4 EAST 1/7/2016 6 - 7	D-4B 1/13/2016 10 - 12
2,4,5-T	--	--		NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	100000	3800		NA	NA	NA	NA	NA	NA	NA	NA
2,4-D	--	--		NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	13000	14000		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
4,4'-DDE	8900	17000		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
4,4'-DDT	7900	136000		19.3 JD	3.24 U	17.8 UD	3.24 U	19.4 UD	3.17 U	3.88 U	3.63 U
Aldrin	97	190		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
alpha-BHC	480	20		4.4 UD	0.721 U	3.95 UD	0.719 U	4.32 UD	0.705 U	0.862 U	0.807 U
alpha-Chlordane	4200	2900		13.2 UD	2.16 U	11.8 UD	2.16 U	13 UD	2.12 U	2.58 U	2.42 U
beta-BHC	360	90		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
Chlordane	--	--		85.8 UD	14 U	77 UD	14 U	84.3 UD	13.8 U	16.8 U	15.7 U
delta-BHC	100000	250		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
Dieldrin	200	100		6.6 UD	1.08 U	5.93 UD	1.08 U	6.48 UD	1.06 U	1.29 U	1.21 U
Endosulfan I	24000	102000		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
Endosulfan II	24000	102000		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
Endosulfan sulfate	24000	1000000		4.4 UD	0.721 U	3.95 UD	0.719 U	4.32 UD	0.705 U	0.862 U	0.807 U
Endrin aldehyde	--	--		NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	--	--		10.6 UD	1.73 U	9.48 UD	1.73 U	10.4 UD	1.69 U	2.07 U	1.94 U
Endrin	11000	60		4.4 UD	0.721 U	3.95 UD	0.719 U	4.32 UD	0.705 U	0.862 U	0.807 U
gamma-BHC (Lindane)	1300	100		4.4 UD	0.721 U	3.95 UD	0.719 U	4.32 UD	0.705 U	0.862 U	0.807 U
gamma-Chlordane	--	--		13.2 UD	2.16 U	11.8 UD	2.16 U	13 UD	2.12 U	2.58 U	2.42 U
Heptachlor epoxide	--	--		19.8 UD	3.24 U	17.8 UD	3.24 U	19.4 UD	3.17 U	3.88 U	3.63 U
Heptachlor	2100	380		5.28 UD	0.865 U	4.74 UD	0.863 U	5.19 UD	0.846 U	1.03 U	0.968 U
Methoxychlor	--	--		19.8 UD	3.24 U	17.8 UD	3.24 U	19.4 UD	3.17 U	3.88 U	3.63 U
Toxaphene	--	--		198 UD	32.4 U	178 UD	32.4 U	194 UD	31.7 U	38.8 U	36.3 U

J - Estimated value

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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

V - Value altered or qualifier added during data validation

R - Sample results rejected by validator

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Table 15. Summary of Pesticides and Herbicides in Underground Storage Tank Confirmatory Soil Samples, Paragon Paint and Varnish Corp. Site, Long Island City, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Restricted	NYSDEC Part 375 Protection of	Sample Designation: Sample Date: Sample Depth (ft bls):	D-5 EAST 1/7/2016 6 - 7	D-5 SOUTH 1/7/2016 6 - 7	D-5B 1/13/2016 10 - 12
	Residential SCO	Groundwater SCO				
2,4,5-T	--	--		NA	NA	NA
2,4,5-TP	100000	3800		NA	NA	NA
2,4-D	--	--		NA	NA	NA
4,4'-DDD	13000	14000		1.8 U	2.32 U	1.79 U
4,4'-DDE	8900	17000		1.8 U	2.32 U	1.79 U
4,4'-DDT	7900	136000		3.38 U	4.35 U	3.36 U
Aldrin	97	190		1.8 U	2.32 U	1.79 U
alpha-BHC	480	20		0.752 U	0.966 U	0.747 U
alpha-Chlordane	4200	2900		2.26 U	2.9 U	2.24 U
beta-BHC	360	90		1.8 U	2.11 J	1.79 U
Chlordane	--	--		14.7 U	18.8 U	14.6 U
delta-BHC	100000	250		1.8 U	2.32 U	1.79 U
Dieldrin	200	100		1.13 U	1.45 U	1.12 U
Endosulfan I	24000	102000		1.8 U	2.32 U	1.79 U
Endosulfan II	24000	102000		0.895 J	3.23 JV	1.79 U
Endosulfan sulfate	24000	1000000		0.752 U	0.966 U	0.747 U
Endrin aldehyde	--	--		NA	NA	NA
Endrin ketone	--	--		1.8 U	2.32 U	1.79 U
Endrin	11000	60		0.752 U	2.78 JV	0.747 U
gamma-BHC (Lindane)	1300	100		0.752 U	0.966 U	0.747 U
gamma-Chlordane	--	--		2.26 U	2.9 U	2.24 U
Heptachlor epoxide	--	--		3.38 U	4.35 U	3.36 U
Heptachlor	2100	380		0.903 U	1.16 U	0.897 U
Methoxychlor	--	--		3.38 U	4.35 U	3.36 U
Toxaphene	--	--		33.8 U	43.5 U	33.6 U

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P - The RPD between the results for the two columns exceeds the method-specified criteria

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Table 16. Backfill Quantities and Source Summary for Paragon Paint and Varnish Corp. Site, Long Island City, New York

Backfill Source	Quantity	Units	Facility
Clean, virgin sand for pipe bedding	13.37	tons	New York Sand and Stone, LLC, 63 Flushing Ave., Brooklyn, NY 11205
Recycled Concrete Aggregate	5,210.28	tons	Vanbro Corporation (NYSDEC registered facility No. 568163NYUTM North: 4494809), 1900 South Ave, Staten Island, NY 10314
Clean, virgin stone	78.99	tons	Liberty Aggregates, LLC, 86 Lavergne St, Belleville, NJ 07109
Reused native soil	249.00	CY	N/A