

TABLE 1 - NYSDEC Soil Cleanup Objectives (SCOs)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

Contaminant	Protection of Public Health					Protection of Ecological Resources ⁿ	Protection of Groundwater
	Unrestricted Use	Residential	Restricted-Residential	Commercial	Industrial		
All soil cleanup objectives (SCOs) are in parts per million (ppm); approximately equivalent to mg/kg.							
Metals							
Arsenic	13 ^m	16 ^f	17 ^f	18 ^f	19 ^f	13 ^f	16 ^f
Barium	350 ^m	350 ^f	400	400	10,000 ^d	433	820
Beryllium	7.2	14	72	590	2,700	10	47
Cadmium	2.5 ^m	2.5 ^f	4.3	9.3	60	4	7.5
Chromium, hexavalent ^h	1 ⁱ	22	110	400	800	1 ^e	19
Chromium, trivalent ^h	30 ^m	36	180	1,500	6,800	41	NS
Copper	50	270	270	270	10,000 ^d	50	1,720
Total Cyanide ^h	27	27	27	27	10,000 ^d	NS	40
Lead	63 ^m	400	400	1,000	3,900	63 ^f	450
Manganese	1600 ^m	2,000 ^f	2,000 ^f	10,000 ^d	10,000 ^d	1600 ^f	2,000 ^f
Total Mercury	0.18 ^m	0.81 ^j	0.81 ^j	2.8 ^j	5.7 ^j	0.18 ^f	0.73
Nickel	30	140	310	310	10,000 ^d	30	130
Selenium	3.9 ^m	36	180	1,500	6,800	3.9 ^f	4 ^f
Silver	2	36	180	1,500	6,800	2	8.3
Zinc	109 ^m	2200	10,000 ^d	10,000 ^d	10,000 ^d	109 ^f	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	3.8	58	100 ^a	500 ^b	1,000 ^c	NS	3.8
4,4'-DDE	0.0033 ⁱ	1.8	8.9	62	120	0.0033 ^e	17
4,4'-DDT	0.0033 ⁱ	1.7	7.9	47	94	0.0033 ^e	136
4,4'-DDD	0.0033 ⁱ	2.6	13	92	180	0.0033 ^e	14
Aldrin	0.005 ^m	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	0.02	0.097	0.48	3.4	6.8	0.04 ^g	0.02
beta-BHC	0.036	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	0.094	0.91	4.2	24	47	1.3	2.9
delta-BHC	0.04	100 ^a	100 ^a	500 ^b	1,000 ^c	0.04 ^g	0.25
Dibenzofuran	7	14	59	350	1,000 ^c	NS	210
Dieldrin	0.005 ^m	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	2.4	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	102
Endosulfan II	2.4	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	102
Endosulfan sulfate	2.4	4.8 ⁱ	24 ⁱ	200 ⁱ	920 ⁱ	NS	1,000 ^c
Endrin	0.014	2.2	11	89	410	0.014	0.06
Heptachlor	0.042	0.42	2.1	15	29	0.14	0.38
Lindane	0.1	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	0.1	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	20	100 ^a	100 ^a	500 ^b	1,000 ^c	20	98
Acenaphthylene	100 ^k	100 ^a	100 ^a	501 ^b	1,000 ^c	NS	107
Anthracene	100 ^k	100 ^a	100 ^a	502 ^b	1,000 ^c	NS	1,000 ^c
Benz(a)anthracene	1 ^m	1 ^f	1 ^f	5.6	11	NS	1 ^f
Benzo(a)pyrene	1 ^m	1 ^f	1 ^f	1 ^f	1.1	2.6	22
Benzo(b)fluoranthene	1 ^m	1 ^f	1 ^f	5.6	11	NS	1.7
Benzo(g,h,i)perylene	100	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Benzo(k)fluoranthene	0.8 ^m	1	3.9	56	110	NS	1.7
Chrysene	1 ^m	1 ^f	3.9	56	110	NS	1 ^f
Dibenz(a,h)anthracene	0.33 ⁱ	0.33 ^e	0.33 ^e	0.56	1.1	NS	1,000 ^c
Fluoranthene	100 ^k	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Fluorene	30	100 ^a	100 ^a	500 ^b	1,000 ^c	30	386
Indeno(1,2,3-cd)pyrene	0.5 ^m	0.5 ^f	0.5 ^f	5.6	11	NS	8.2
m-Cresol	0.33 ⁱ	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
Naphthalene	12	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	12
o-Cresol	0.33 ⁱ	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
p-Cresol	0.33 ⁱ	34	100 ^a	500 ^b	1,000 ^c	NS	0.33 ^e
Pentachlorophenol	0.8 ⁱ	2.4	6.7	6.7	55	0.8 ^e	0.8 ^e
Phenanthrene	100	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c

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	Unrestricted Use	Residential	Restricted-Residential	Commercial	Industrial		
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Phenol	0.33 ¹	100 ^a	100 ^a	500 ^b	1,000 ^c	30	0.33 ^e
Pyrene	100	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1,000 ^c
Volatiles							
1,1,1-Trichloroethane	0.68	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.68
1,1-Dichloroethane	0.27	19	26	240	480	NS	0.27
1,1-Dichloroethene	0.33	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.33
1,2-Dichlorobenzene	1.1	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	1.1
1,2-Dichloroethane	0.02 ^m	2.3	3.1	30	60	10	0.02 ^f
cis-1,2-Dichloroethene	0.25	59	100 ^a	500 ^b	1,000 ^c	NS	0.25
trans-1,2-Dichloroethene	0.19	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	0.19
1,3-Dichlorobenzene	2.4	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	1.8	9.8	13	130	250	20	1.8
1,4-Dioxane	0.1 ¹	9.8	13	130	250	0.1 ^e	0.1 ^e
Acetone	0.05	100 ^g	100 ^h	500 ^b	1,000 ^c	2.2	0.05
Benzene	0.06	2.9	4.8	44	89	70	0.06
Butylbenzene	12	100 ^g	100 ^h	500 ^b	1,000 ^c	NS	12
Carbon tetrachloride	0.76	1.4	2.4	22	44	NS	0.76
Chlorobenzene	1.1	100 ^g	100 ^h	500 ^b	1,000 ^c	40	1.1
Chloroform	0.37	10	49	350	700	12	0.37
Ethylbenzene	1	30	41	390	780	NS	1
Hexachlorobenzene	0.33 ¹	0.33 ^e	1.2	6	12	NS	3.2
Methyl ethyl ketone	0.12	100 ^a	100 ^a	500 ^b	1,000 ^c	100 ^a	0.12
Methyl tert-butyl ether	0.93	62	100 ^a	500 ^b	1,000 ^c	NS	0.93
Methylene chloride	0.05	51	100 ^a	500 ^b	1,000 ^c	12	0.05
n-Propylbenzene	3.9	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	3.9
sec-Butylbenzene	11	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	11
tert-Butylbenzene	5.9	100 ^a	100 ^a	500 ^b	1,000 ^c	NS	5.9
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3
Toluene	0.7	100 ^a	100 ^a	500 ^b	1,000 ^c	36	0.7
Trichloroethene	0.47	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	3.6	47	52	190	380	NS	3.6
1,3,5- Trimethylbenzene	8.4	47	52	190	380	NS	8.4
Vinyl chloride	0.02	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	0.26	100 ^a	100 ^a	500 ^b	1,000 ^c	0.26	1.6

Notes:
^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.
^b The SCOs for commercial use were capped at a maximum value of 500 ppm.
^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.
^d The SCOs for metals were capped at a maximum value of 10,000 ppm.
^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
^g This SCO is derived from data on mixed isomers of BHC.

^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).
^k The SCOs for unrestricted use were capped at a maximum value of 100 ppm.
^l For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.
^m For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
ⁿ Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-1 (A) 6/15/2016 L1618398-01		EP-2 (A) 6/15/2016 L1618398-02		EP-3 (B) 6/15/2016 L1618398-03		EP-4 7/20/2016 L1622485-01		EP-5 (A) 6/15/2016 L1618398-08		EP-6 (A) 6/15/2016 L1618398-07		EP-7 (B) 6/15/2016 L1618398-06		EP-8A (B) 7/6/2016 L1620773-01		EP-9 (C) 6/15/2016 L1618398-09		EP-10D 6/21/2016 L1619059-03		EP-11D 6/21/2016 L1619059-06	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID																									
Chlorinated Herbicides by GC																									
2,4-D				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																									
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				82.8		79.2		96.7		82.3		79.5		97.4		99.1		93.8		99.2		99.4		99.5	
Cyanide, Total	40	27	27	1.1	U	1.2	U	1	U	1.2	U	1.2	U	1	U	0.92	U	0.99	U	0.98	U	0.92	U	0.98	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids																									
Ignitability				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC																									
Delta-BHC	0.25	100	0.04	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Lindane	0.1	1.3	0.1	0.000796	U	0.000821	U	0.000682	U	0.000794	U	0.000808	U	0.000668	U	0.000665	U	0.000686	U	0.000642	U	0.000642	U	0.000665	U
Alpha-BHC	0.02	0.48	0.02	0.000796	U	0.000821	U	0.000682	U	0.000794	U	0.000808	U	0.000668	U	0.000665	U	0.000686	U	0.000642	U	0.000642	U	0.000665	U
Beta-BHC	0.09	0.36	0.036	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Heptachlor	0.38	2.1	0.042	0.000955	U	0.000985	U	0.000818	U	0.000952	U	0.000969	U	0.000802	U	0.000798	U	0.000824	U	0.00077	U	0.00077	U	0.000798	U
Aldrin	0.19	0.097	0.005	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Heptachlor epoxide				0.00358	U	0.00369	U	0.00307	U	0.00357	U	0.00364	U	0.00301	U	0.00299	U	0.00309	U	0.00289	U	0.00289	U	0.00299	U
Endrin	0.06	11	0.014	0.000796	U	0.000821	U	0.000682	U	0.000794	U	0.000808	U	0.000668	U	0.000665	U	0.000686	U	0.000642	U	0.000642	U	0.000665	U
Endrin aldehyde				0.00239	U	0.00246	U	0.00204	U	0.00238	U	0.00242	U	0.002	U	0.002	U	0.00206	U	0.00193	U	0.00192	U	0.00199	U
Endrin ketone				0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Dieldrin	0.1	0.2	0.005	0.00119	U	0.000668	J	0.00102	U	0.00119	U	0.00121	U	0.001	U	0.000998	U	0.00103	U	0.000963	U	0.000962	U	0.000997	U
4,4'-DDE	17	8.9	0.0033	0.00191	U	0.00103	J	0.00164	U	0.000521	J	0.00194	U	0.0016	U	0.0016	U	0.000861	J	0.00154	U	0.00154	U	0.0016	U
4,4'-DDD	14	13	0.0033	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
4,4'-DDT	136	7.9	0.0033	0.00358	U	0.00324	J	0.00307	U	0.00191	J	0.00156	J	0.00301	U	0.00149	J	0.00307	J	0.00289	U	0.00289	U	0.00299	U
Endosulfan I	102	24	2.4	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Endosulfan II	102	24	2.4	0.00191	U	0.00197	U	0.00164	U	0.0019	U	0.00194	U	0.0016	U	0.0016	U	0.00165	U	0.00154	U	0.00154	U	0.0016	U
Endosulfan sulfate	1000	24	2.4	0.000796	U	0.000821	U	0.000682	U	0.000794	U	0.000808	U	0.000668	U	0.000665	U	0.000686	U	0.000642	U	0.000642	U	0.000665	U
Methoxychlor				0.00358	U	0.00369	U	0.00307	U	0.00357	U	0.00364	U	0.00301	U	0.00299	U	0.00309	U	0.00289	U	0.00289	U	0.00299	U
Toxaphene				0.0358	U	0.0369	U	0.0307	U	0.0357	U	0.0364	U	0.0301	U	0.0299	U	0.0309	U	0.0289	U	0.0289	U	0.0299	U
cis-Chlordane	2.9	4.2	0.094	0.00239	U	0.00108	J	0.00204	U	0.00238	U	0.00242	U	0.002	U	0.002	U	0.00206	U	0.00193	U	0.00192	U	0.00199	U
trans-Chlordane				0.00239	U	0.00097	J	0.00204	U	0.00238	U	0.00242	U	0.002	U	0.002	U	0.00206	U	0.00193	U	0.00192	U	0.00199	U
Chlordane				0.0155	U	0.0102	J	0.0133	U	0.0155	U	0.0158	U	0.013	U	0.013	U	0.0134	U	0.0125	U	0.0125	U	0.013	U
Polychlorinated Biphenyls by GC																									
Aroclor 1016	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1221	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1232	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1242	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1248	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1254	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1260	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0496		0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1262	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Aroclor 1268	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0399	U	0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
PCBs, Total	3.2	1	0.1	0.04	U	0.041	U	0.0341	U	0.0496		0.0413	U	0.0329	U	0.0335	U	0.0348	U	0.032	U	0.032	U	0.0326	U
Semivolatile Organics by GC/MS																									
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.16	U	0.16	U	0.13	U	0.16	U	0.16	U	0.14	U	0.13	U	0.14	U	0.13	U	0.13	U	0.13	U
Benidine				0.65	U	0.68	U	0.56	U	0.66	U	0.67	U	0.56	U	0.55	U	-	-	0.54	U	0.55	U	0.55	U
1,2,4-Trichlorobenzene				0.2	U	0.21	U	0.17	U	0.2	U	0.2	U	0.17	U	0.16	U	-	-	0.16	U	0.17	U	0.17	U
Hexachlorobenzene	3.2	1.2	0.33	0.12	U	0.12	U	0.1	U	0.12	U	0.12	U	0.1	U	0.1	U	-	-	0.099	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether				0.18	U	0.19	U	0.15	U	0.18	U	0.18	U	0.15	U	0.15	U	-	-	0.15	U	0.15	U	0.15	U
2-Chloronaphthalene				0.2	U	0.21	U	0.17	U	0.2	U	0.2	U	0.17	U	0.16	U	0.17	U	0.16	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine				0.2	U	0.21	U	0.17	U	0.2	U	0.2	U	0.17	U	0.16	U	-	-	0.16	U	0.17	U	0.17	U
2,4-Dinitrotoluene				0.2	U	0.21	U	0.17	U	0.2	U	0.2	U	0.17	U	0.16	U	-	-	0.16	U	0.17	U	0.17	U
2,6-Dinitrotoluene				0.2	U	0.21	U	0.17	U	0.2	U	0.2	U	0.17	U	0.16	U	-	-	0.16	U	0.17	U	0.17	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-1 (A) 6/15/2016 L1618398-01	EP-2 (A) 6/15/2016 L1618398-02	EP-3 (B) 6/15/2016 L1618398-03	EP-4 7/20/2016 L1622485-01	EP-5 (A) 6/15/2016 L1618398-08	EP-6 (A) 6/15/2016 L1618398-07	EP-7 (B) 6/15/2016 L1618398-06	EP-8A (B) 7/6/2016 L1620773-01	EP-9 (C) 6/15/2016 L1618398-09	EP-10D 6/21/2016 L1619059-03	EP-11D 6/21/2016 L1619059-06	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID															
Azobenzene				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Fluoranthene	1000	100	100	0.033 J	0.16 U	0.021 J	0.047 J	0.052 J	0.1 U	0.04 J	0.077 J	0.02 J	0.02 J	0.1 U	0.1 U
4-Chlorophenyl phenyl ether				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
4-Bromophenyl phenyl ether				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Bis(2-chloroisopropyl)ether				0.24 U	0.25 U	0.2 U	0.24 U	0.24 U	0.2 U	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
Bis(2-chloroethoxy)methane				0.21 U	0.22 U	0.18 U	0.22 U	0.22 U	0.18 U	0.18 U	-	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobutadiene				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Hexachlorocyclopentadiene				0.56 U	0.59 U	0.48 U	0.58 U	0.58 U	0.49 U	0.47 U	-	0.47 U	0.48 U	0.48 U	0.48 U
Hexachloroethane				0.16 U	0.16 U	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	-	0.13 U	0.13 U	0.13 U	0.13 U
Isophorone				0.18 U	0.19 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	-	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	12	0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U
Nitrobenzene				0.18 U	0.19 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	-	0.15 U	0.15 U	0.15 U	0.15 U
NDPA/DPA				0.16 U	0.16 U	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	-	0.13 U	0.13 U	0.13 U	0.13 U
n-Nitrosodi-n-propylamine				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Bis(2-ethylhexyl)phthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Butyl benzyl phthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Di-n-butylphthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Di-n-octylphthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Diethyl phthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Dimethyl phthalate				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Benzo(a)anthracene	1	1	1	0.12 U	0.079 J	0.019 J	0.026 J	0.028 J	0.1 U	0.022 J	0.033 J	0.099 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	22	1	1	0.058 J	0.11 J	0.055 J	0.061 J	0.069 J	0.049 J	0.055 J	0.062 J	0.048 J	0.13 U	0.13 U	0.13 U
Benzo(b)fluoranthene	1.7	1	1	0.12 U	0.084 J	0.1 U	0.05 J	0.12 U	0.1 U	0.1 U	0.058 J	0.099 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.12 U	0.089 J	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.099 U	0.1 U	0.1 U	0.1 U
Chrysene	1	3.9	1	0.12 U	0.064 J	0.1 U	0.022 J	0.023 J	0.1 U	0.02 J	0.034 J	0.099 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	107	100	100	0.16 U	0.16 U	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U	0.13 U	0.13 U
Anthracene	1000	100	100	0.12 U	0.12 U	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.099 U	0.1 U	0.1 U	0.1 U
Benzo(ghi)perylene	1000	100	100	0.16 U	0.047 J	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	0.022 J	0.13 U	0.13 U	0.13 U	0.13 U
Fluorene	386	100	30	0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U
Phenanthrene	1000	100	100	0.033 J	0.083 J	0.1 U	0.12 U	0.032 J	0.1 U	0.023 J	0.045 J	0.099 U	0.1 U	0.1 U	0.1 U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.12 U	0.028 J	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.099 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.064 J	0.1 J	0.059 J	0.064 J	0.072 J	0.055 J	0.061 J	0.062 J	0.053 J	0.13 U	0.13 U	0.13 U
Pyrene	1000	100	100	0.03 J	0.15 U	0.022 J	0.044 J	0.053 J	0.017 J	0.04 J	0.068 J	0.02 J	0.018 J	0.1 U	0.1 U
Biphenyl				0.45 U	0.47 U	0.38 U	0.46 U	0.46 U	0.39 U	0.38 U	-	0.38 U	0.38 U	0.38 U	0.38 U
4-Chloroaniline				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2-Nitroaniline				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
3-Nitroaniline				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
4-Nitroaniline				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Dibenzofuran	210	59	7	0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2-Methylnaphthalene				0.24 U	0.25 U	0.2 U	0.24 U	0.24 U	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4,5-Tetrachlorobenzene				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Acetophenone				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
n-Nitrosodimethylamine				0.39 U	0.41 U	0.34 U	0.4 U	0.41 U	0.34 U	0.33 U		0.33 U	0.33 U	0.33 U	0.33 U
2,4,6-Trichlorophenol				0.12 U	0.12 U	0.1 U	0.12 U	0.12 U	0.1 U	0.1 U	-	0.099 U	0.1 U	0.1 U	0.1 U
p-Chloro-m-cresol				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2-Chlorophenol				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2,4-Dichlorophenol				0.18 U	0.19 U	0.15 U	0.18 U	0.18 U	0.15 U	0.15 U	-	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2-Nitrophenol				0.43 U	0.45 U	0.36 U	0.44 U	0.44 U	0.37 U	0.36 U	-	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitrophenol				0.28 U	0.29 U	0.24 U	0.28 U	0.28 U	0.24 U	0.23 U	-	0.23 U	0.23 U	0.23 U	0.23 U
2,4-Dinitrophenol				0.95 U	0.99 U	0.81 U	0.97 U	0.98 U	0.82 U	0.8 U	-	0.79 U	0.8 U	0.8 U	0.8 U
4,6-Dinitro-o-cresol				0.51 U	0.54 U	0.44 U	0.52 U	0.53 U	0.44 U	0.43 U	-	0.43 U	0.43 U	0.43 U	0.43 U
Pentachlorophenol	0.8	6.7	0.8	0.16 U	0.16 U	0.13 U	0.16 U	0.16 U	0.14 U	0.13 U	-	0.13 U	0.13 U	0.13 U	0.13 U
Phenol	0.33	100	0.33	0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
2-Methylphenol	0.33	100	0.33	0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.28 U	0.3 U	0.24 U	0.29 U	0.29 U	0.24 U	0.24 U	-	0.24 U	0.24 U	0.24 U	0.24 U
2,4,5-Trichlorophenol				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U
Benzoic Acid				0.64 U	0.67 U	0.54 U	0.65 U	0.66 U	0.55 U	0.54 U	-	0.53 U	0.54 U	0.54 U	0.54 U
Benzyl Alcohol				0.2 U	0.21 U	0.17 U	0.2 U	0.2 U	0.17 U	0.16 U	-	0.16 U	0.17 U	0.17 U	0.17 U

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553 Marcy Avenue
Brooklyn, New York

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID															
Carbazole				0.2 U		0.21 U		0.17 U		0.2 U		0.17 U		0.16 U	
Atrazine				0.16 U		0.16 U		0.13 U		0.16 U		0.14 U		0.13 U	
Benzaldehyde				0.26 U		0.27 U		0.22 U		0.27 U		0.22 U		0.22 U	
Caprolactam				0.2 U		0.21 U		0.17 U		0.2 U		0.17 U		0.16 U	
2,3,4,6-Tetrachlorophenol				0.2 U		0.21 U		0.17 U		0.2 U		0.17 U		0.16 U	
Total Metals															
Aluminum, Total				2900		4500		4000		4800		3900		5000	
Antimony, Total				4.8 U		4.9 U		4.1 U		4.7 U		4.8 U		4.1 U	
Arsenic, Total	16	16	13	0.74 J		1.3		1		3.4		0.94 J		1.1	
Barium, Total	820	400	350	16		31		28		43		28		27	
Beryllium, Total	47	72	7.2	0.48 U		0.17 J		0.16 J		0.26 J		0.44 J		0.19 J	
Cadmium, Total	7.5	4.3	2.5	0.95 U		0.98 U		0.82 U		0.95 U		0.96 U		0.82 U	
Calcium, Total				410		990		580		1400		820		340	
Chromium, Total				9.2		12		11		12		14		11	
Cobalt, Total				2.4		3.7		4		4.6		6.1		4.2	
Copper, Total	1720	270	50	6.9		10		11		16		21		9.7	
Iron, Total				7000		11000		11000		16000		22000		13000	
Lead, Total	450	400	63	2.9 J		15		6		15		7.6		7.7	
Magnesium, Total				1100		1300		1200		1500		1500		1200	
Manganese, Total	2000	2000	1600	160		230		230		320		420		290	
Mercury, Total	0.73	0.81	0.18	0.05 J		0.02 J		0.02 J		0.02 J		0.09 U		0.03 J	
Nickel, Total	130	310	30	5.6		7.6		7.2		8.7		10		7.5	
Potassium, Total				300		460		480		600		480		450	
Selenium, Total	4	180	3.9	1.9 U		2 U		1.6 U		1.9 U		1.6 U		1.6 U	
Silver, Total	8.3	180	2	0.95 U		0.98 U		0.82 U		0.95 U		0.96 U		0.82 U	
Sodium, Total				37 J		70 J		36 J		100 J		47 J		24 J	
Thallium, Total				1.9 U		2 U		1.6 U		1.9 U		1.6 U		1.6 U	
Vanadium, Total				9.8		16		18		31		30		19	
Zinc, Total	2480	10000	109	18		25		29		47		37		35	
Volatile Organics by 8260/5035															
1,3-Dichloropropene, Total				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.0011 U		0.0014 U	
Xylenes, Total	1.6	100	0.26	0.0028 U		0.0033 U		0.0025 U		0.0034 U		0.00053 J		0.0021 U	
1,2-Dichloroethene, Total				-		-		-		-		-		-	
Methylene chloride	0.05	100	0.05	0.014 U		0.017 U		0.013 U		0.0023 J		0.02 U		0.011 U	
1,1-Dichloroethane	0.27	26	0.27	0.0021 U		0.0025 U		0.0019 U		0.0025 U		0.0029 U		0.0016 U	
Chloroform	0.37	49	0.37	0.0021 U		0.0025 U		0.0019 U		0.0025 U		0.0029 U		0.0016 U	
Carbon tetrachloride	0.76	2.4	0.76	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
1,2-Dichloropropane				0.0049 U		0.0058 U		0.0044 U		0.0059 U		0.0069 U		0.0037 U	
Dibromochloromethane				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
1,1,2-Trichloroethane				0.0021 U		0.0025 U		0.0019 U		0.0025 U		0.0029 U		0.0016 U	
Tetrachloroethene	1.3	19	1.3	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Chlorobenzene	1.1	100	1.1	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Trichlorofluoromethane				0.007 U		0.0083 U		0.0063 U		0.0084 U		0.0098 U		0.0053 U	
1,2-Dichloroethane	0.02	3.1	0.02	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
1,1,1-Trichloroethane	0.68	100	0.68	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Bromodichloromethane				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
trans-1,3-Dichloropropene				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
cis-1,3-Dichloropropene				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
1,1-Dichloropropene				-		-		-		-		-		-	
Bromoform				0.0056 U		0.0066 U		0.005 U		0.0068 U		0.0079 U		0.0043 U	
1,1,2,2-Tetrachloroethane				0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Benzene	0.06	4.8	0.06	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Toluene	0.7	100	0.7	0.003		0.002 J		0.0025		0.0066		0.0045		0.0011 J	
Ethylbenzene	1	41	1	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	
Chloromethane				0.007 U		0.0083 U		0.0063 U		0.0056 J		0.0098 U		0.0053 U	
Bromomethane				0.0028 U		0.0033 U		0.0025 U		0.0034 U		0.0039 U		0.0021 U	
Vinyl chloride	0.02	0.9	0.02	0.0028 U		0.0033 U		0.0025 U		0.0034 U		0.0039 U		0.0021 U	
Chloroethane				0.0028 U		0.0033 U		0.0025 U		0.0034 U		0.0039 U		0.0021 U	
1,1-Dichloroethene	0.33	100	0.33	0.0014 U		0.0017 U		0.0013 U		0.0017 U		0.002 U		0.0011 U	

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LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0021	U	0.0025	U	0.0019	U	0.0025	U	0.0029	U	0.0016	U	0.002	U	0.0016	U	0.0017	U	0.0014	U	0.0015	U
Trichloroethene	0.47	21	0.47	0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
1,2-Dichlorobenzene	1.1	100	1.1	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
1,3-Dichlorobenzene	2.4	49	2.4	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
1,4-Dichlorobenzene	1.8	13	1.8	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
Methyl tert butyl ether	0.93	100	0.93	0.0028	U	0.0033	U	0.0025	U	0.0034	U	0.0039	U	0.0021	U	0.0027	U	0.0022	U	0.0022	U	0.0018	U	0.002	U
p/m-Xylene				0.0028	U	0.0033	U	0.0025	U	0.0034	U	0.00053	J	0.0021	U	0.0027	U	0.0022	U	0.0022	U	0.0018	U	0.002	U
o-Xylene				0.0028	U	0.0033	U	0.0025	U	0.0034	U	0.0039	U	0.0021	U	0.0013	J	0.0022	U	0.0022	U	0.0018	U	0.002	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	U	-	-	-	-	-	-
Styrene				0.0028	U	0.0033	U	0.0025	U	0.0034	U	0.0039	U	0.0021	U	0.0027	U	0.0022	U	0.0022	U	0.0018	U	0.002	U
Dichlorodifluoromethane				0.014	U	0.017	U	0.013	U	0.017	U	0.02	U	0.011	U	0.014	U	0.011	U	0.011	U	0.0091	U	0.01	U
Acetone*	0.05	100	0.05	0.028		0.02		0.03		0.074		0.055		0.013		0.079		0.0069	J	0.052		0.01		0.0066	J
Carbon disulfide				0.014	U	0.017	U	0.013	U	0.017	U	0.02	U	0.011	U	0.014	U	0.011	U	0.011	U	0.0091	U	0.01	U
2-Butanone	0.12	100	0.12	0.014	U	0.017	U	0.013	U	0.017	U	0.0053	J	0.011	U	0.041		0.011	U	0.0031	J	0.0091	U	0.01	U
Vinyl acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	U	-	-	-	-	-	-
4-Methyl-2-pentanone				0.014	U	0.017	U	0.013	U	0.017	U	0.02	U	0.011	U	0.014	U	0.011	U	0.011	U	0.0091	U	0.01	U
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	U	-	-	-	-	-	-
2-Hexanone				0.014	U	0.017	U	0.013	U	0.017	U	0.02	U	0.011	U	0.014	U	0.011	U	0.011	U	0.0091	U	0.01	U
Bromochloromethane				0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
1,2-Dibromoethane				0.0056	U	0.0066	U	0.005	U	0.0068	U	0.0079	U	0.0043	U	0.0054	U	0.0044	U	0.0045	U	0.0036	U	0.004	U
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0011	U	-	-	-	-	-	-
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
n-Butylbenzene	12	100	12	0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
sec-Butylbenzene	11	100	11	0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
tert-Butylbenzene	5.9	100	5.9	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
o-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
p-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
Isopropylbenzene				0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0011	U	-	-	-	-	-	-
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
Acrylonitrile				0.014	U	0.017	U	0.013	U	0.017	U	0.02	U	0.011	U	0.014	U	0.011	U	0.011	U	0.0091	U	0.01	U
Tert-Butyl Alcohol				0.084	U	0.0063	J	0.076	U	0.1	U	0.12	U	0.064	U	0.045	J	-	-	0.067	U	0.055	U	0.06	U
n-Propylbenzene	3.9	100	3.9	0.0014	U	0.0017	U	0.0013	U	0.0017	U	0.002	U	0.0011	U	0.0014	U	0.0011	U	0.0011	U	0.00091	U	0.001	U
1,2,3-Trichlorobenzene				0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
1,2,4-Trichlorobenzene				0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.007	U	0.0083	U	0.0063	U	0.0084	U	0.0098	U	0.0053	U	0.0068	U	0.0054	U	0.0056	U	0.0046	U	0.005	U
Methyl Acetate				0.028	U	0.033	U	0.025	U	0.034	U	0.039	U	0.021	U	0.0033	J	-	-	0.022	U	0.018	U	0.02	U
Acrolein				0.035	U	0.042	U	0.032	U	0.042	U	0.049	U	0.027	U	0.034	U	-	-	0.028	U	0.023	U	0.025	U
Cyclohexane				0.028	U	0.033	U	0.025	U	0.034	U	0.039	U	0.021	U	0.027	U	-	-	0.022	U	0.018	U	0.02	U
1,4-Dioxane	0.1	13	0.1	0.14	U	0.17	U	0.13	U	0.17	U	0.2	U	0.11	U	0.14	U	0.11	U	0.11	U	0.091	U	0.1	U
Freon-113				0.028	U	0.033	U	0.025	U	0.034	U	0.039	U	0.021	U	0.027	U	-	-	0.022	U	0.018	U	0.02	U
p-Diethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0044	U	-	-	-	-	-	-
p-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0044	U	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0044	U	-	-	-	-	-	-
Ethyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0054	U	-	-	-	-	-	-
Methyl cyclohexane				0.0056	U	0.0066	U	0.005	U	0.0068	U	0.0079	U	0.0043	U	0.0054	U	-	-	0.0045	U	0.0036	U	0.004	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-12 (C) 6/15/2016 L1618398-10	EP-13 (C) 6/15/2016 L1618398-15	EP-13-DUP (C) 6/15/2016 L1618398-16	EP-14D 6/21/2016 L1619059-02	EP-15D 6/21/2016 L1619059-05	EP-16 (C) 6/15/2016 L1618398-14	EP-17D 6/21/2016 L1619059-01	EP-18D 6/21/2016 L1619059-04	EP-19 (E) 6/15/2016 L1618398-11	EP-20 (E) 6/15/2016 L1618398-13
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				80.3		99.6		98.8		99.5		98.1	
Cyanide, Total	40	27	27	1.2	U	0.96	U	0.97	U	0.98	U	1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Lindane	0.1	1.3	0.1	0.000819	U	0.00066	U	0.000658	U	0.000667	U	0.000673	U
Alpha-BHC	0.02	0.48	0.02	0.000819	U	0.00066	U	0.000658	U	0.000671	U	0.000673	U
Beta-BHC	0.09	0.36	0.036	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Heptachlor	0.38	2.1	0.042	0.000982	U	0.000792	U	0.00079	U	0.0008	U	0.000806	U
Aldrin	0.19	0.097	0.005	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Heptachlor epoxide				0.00368	U	0.00297	U	0.00296	U	0.003	U	0.00302	U
Endrin	0.06	11	0.014	0.000819	U	0.00066	U	0.000658	U	0.000667	U	0.000673	U
Endrin aldehyde				0.00246	U	0.00198	U	0.00198	U	0.002	U	0.00201	U
Endrin ketone				0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Dieldrin	0.1	0.2	0.005	0.00123	U	0.00099	U	0.000988	U	0.001	U	0.00101	U
4,4'-DDE	17	8.9	0.0033	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
4,4'-DDD	14	13	0.0033	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
4,4'-DDT	136	7.9	0.0033	0.00368	U	0.00297	U	0.00166	J	0.00296	U	0.003	U
Endosulfan I	102	24	2.4	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Endosulfan II	102	24	2.4	0.00196	U	0.00158	U	0.00158	U	0.0016	U	0.00162	U
Endosulfan sulfate	1000	24	2.4	0.000819	U	0.00066	U	0.000658	U	0.000667	U	0.000673	U
Methoxychlor				0.00368	U	0.00297	U	0.00296	U	0.003	U	0.00302	U
Toxaphene				0.0368	U	0.0297	U	0.0296	U	0.03	U	0.0302	U
cis-Chlordane	2.9	4.2	0.094	0.00246	U	0.00198	U	0.00198	U	0.002	U	0.00201	U
trans-Chlordane				0.00246	U	0.00198	U	0.00198	U	0.002	U	0.00201	U
Chlordane				0.016	U	0.0129	U	0.0128	U	0.013	U	0.0131	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1221	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1232	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1242	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1248	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1254	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1260	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1262	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Aroclor 1268	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
PCBs, Total	3.2	1	0.1	0.04	U	0.0321	U	0.0318	U	0.0331	U	0.0329	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.16	U	0.13	U	0.13	U	0.029	J	0.13	U
Benidine				0.66	U	0.54	U	0.55	U	0.54	U	0.55	U
1,2,4-Trichlorobenzene				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
Hexachlorobenzene	3.2	1.2	0.33	0.12	U	0.099	U	0.099	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether				0.18	U	0.15	U	0.15	U	0.15	U	0.15	U
2-Chloronaphthalene				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
3,3'-Dichlorobenzidine				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
2,4-Dinitrotoluene				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
2,6-Dinitrotoluene				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Fluoranthene	1000	100	100	0.023	J	0.099	U	0.099	U	0.053	J	0.25	U
4-Chlorophenyl phenyl ether				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
4-Bromophenyl phenyl ether				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether				0.24	U	0.2	U	0.2	U	0.2	U	0.2	U
Bis(2-chloroethoxy)methane				0.22	U	0.18	U	0.18	U	0.18	U	0.18	U
Hexachlorobutadiene				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Hexachlorocyclopentadiene				0.58	U	0.47	U	0.47	U	0.47	U	0.48	U
Hexachloroethane				0.16	U	0.13	U	0.13	U	0.13	U	0.13	U
Isophorone				0.18	U	0.15	U	0.15	U	0.15	U	0.15	U
Naphthalene	12	100	12	0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Nitrobenzene				0.18	U	0.15	U	0.15	U	0.15	U	0.15	U
NDPA/DPA				0.16	U	0.13	U	0.13	U	0.13	U	0.13	U
n-Nitrosodi-n-propylamine				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Bis(2-ethylhexyl)phthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Butyl benzyl phthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Di-n-butylphthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Di-n-octylphthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Diethyl phthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Dimethyl phthalate				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Benzo(a)anthracene	1	1	1	0.12	U	0.099	U	0.099	U	0.028	J	0.082	J
Benzo(a)pyrene	22	1	1	0.059	J	0.13	U	0.13	U	0.072	J	0.13	U
Benzo(b)fluoranthene	1.7	1	1	0.12	U	0.099	U	0.099	U	0.03	J	0.092	J
Benzo(k)fluoranthene	1.7	3.9	0.8	0.12	U	0.099	U	0.099	U	0.1	U	0.035	J
Chrysene	1	3.9	1	0.12	U	0.099	U	0.099	U	0.021	J	0.083	J
Acenaphthylene	107	100	100	0.16	U	0.13	U	0.13	U	0.13	U	0.13	U
Anthracene	1000	100	100	0.12	U	0.099	U	0.099	U	0.1	U	0.098	U
Benzo(ghi)perylene	1000	100	100	0.16	U	0.13	U	0.13	U	0.052	J	0.13	U
Fluorene	386	100	30	0.2	U	0.16	U	0.16	U	0.022	J	0.16	U
Phenanthrene	1000	100	100	0.12	U	0.099	U	0.099	U	0.027	J	0.23	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.12	U	0.099	U	0.099	U	0.1	U	0.098	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.066	J	0.13	U	0.13	U	0.059	J	0.13	U
Pyrene	1000	100	100	0.024	J	0.017	J	0.099	U	0.046	J	0.21	U
Biphenyl				0.46	U	0.38	U	0.38	U	0.37	U	0.38	U
4-Chloroaniline				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
2-Nitroaniline				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
3-Nitroaniline				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
4-Nitroaniline				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Dibenzofuran	210	59	7	0.2	U	0.16	U	0.16	U	0.016	J	0.16	U
2-Methylnaphthalene				0.24	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4,5-Tetrachlorobenzene				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Acetophenone				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
n-Nitrosodimethylamine				0.4	U	0.33	U	0.33	U	0.33	U	0.34	U
2,4,6-Trichlorophenol				0.12	U	0.099	U	0.099	U	0.1	U	0.099	U
p-Chloro-m-cresol				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
2-Chlorophenol				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
2,4-Dichlorophenol				0.18	U	0.15	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
2-Nitrophenol				0.43	U	0.36	U	0.36	U	0.35	U	0.36	U
4-Nitrophenol				0.28	U	0.23	U	0.23	U	0.23	U	0.23	U
2,4-Dinitrophenol				0.96	U	0.79	U	0.79	U	0.78	U	0.79	U
4,6-Dinitro-o-cresol				0.52	U	0.43	U	0.43	U	0.42	U	0.43	U
Pentachlorophenol	0.8	6.7	0.8	0.16	U	0.13	U	0.13	U	0.13	U	0.13	U
Phenol	0.33	100	0.33	0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
2-Methylphenol	0.33	100	0.33	0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.29	U	0.24	U	0.24	U	0.24	U	0.24	U
2,4,5-Trichlorophenol				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U
Benzoic Acid				0.65	U	0.54	U	0.54	U	0.53	U	0.53	U
Benzyl Alcohol				0.2	U	0.16	U	0.16	U	0.16	U	0.16	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-12 (C) 6/15/2016 L1618398-10	EP-13 (C) 6/15/2016 L1618398-15	EP-13-DUP (C) 6/15/2016 L1618398-16	EP-14D 6/21/2016 L1619059-02	EP-15D 6/21/2016 L1619059-05	EP-16 (C) 6/15/2016 L1618398-14	EP-17D 6/21/2016 L1619059-01	EP-18D 6/21/2016 L1619059-04	EP-19 (E) 6/15/2016 L1618398-11	EP-20 (E) 6/15/2016 L1618398-13
SAMPLING DATE													
LAB SAMPLE ID													
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
Atrazine				0.16	U	0.13	U	0.13	U	0.13	U	0.13	U
Benzaldehyde				0.26	U	0.22	U	0.22	U	0.22	U	0.22	U
Caprolactam				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
2,3,4,6-Tetrachlorophenol				0.2	U	0.16	U	0.16	U	0.16	U	0.17	U
Total Metals													
Aluminum, Total				3600		3300		3100		4300		4000	
Antimony, Total				4.9	U	4	U	3.9	U	4.1	U	3.9	U
Arsenic, Total	16	16	13	1.1		0.71	J	0.77	J	1		0.87	
Barium, Total	820	400	350	24		22		30		26		27	
Beryllium, Total	47	72	7.2	0.15	J	0.19	J	0.13	J	0.14	J	0.17	J
Cadmium, Total	7.5	4.3	2.5	0.99	U	0.79	U	0.79	U	0.79	U	0.78	U
Calcium, Total				710		490		460		660		430	
Chromium, Total				11		11		8.6		13		9.7	
Cobalt, Total				3.5		3.6		3		3.4		3.1	
Copper, Total	1720	270	50	10		13		8.4		9.3		8.6	
Iron, Total				12000		13000		9100		12000		14000	
Lead, Total	450	400	63	6.4		5.7		5.5		7.1		6.7	
Magnesium, Total				1300		1100		1000		1500		1600	
Manganese, Total	2000	2000	1600	240		240		200		220		240	
Mercury, Total	0.73	0.81	0.18	0.02	J	0.02	J	0.06	U	0.03	J	0.04	J
Nickel, Total	130	310	30	6.8		6.9		5.7		5.9		6	
Potassium, Total				440		520		390		610		780	
Selenium, Total	4	180	3.9	2	U	1.6	U	1.6	U	1.6	U	1.6	U
Silver, Total	8.3	180	2	0.99	U	0.79	U	0.79	U	0.79	U	0.79	U
Sodium, Total				35	J	31	J	25	J	36	J	46	J
Thallium, Total				2	U	1.6	U	1.6	U	1.6	U	1.6	U
Vanadium, Total				17		18		13		16		14	
Zinc, Total	2480	10000	109	24		21		20		22		26	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Xylenes, Total	1.6	100	0.26	0.0032	U	0.0021	U	0.0023	U	0.00053	J	0.0026	U
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.016	U	0.011	U	0.012	U	0.017	U	0.013	U
1,1-Dichloroethane	0.27	26	0.27	0.0024	U	0.0016	U	0.0017	U	0.0025	U	0.0019	U
Chloroform	0.37	49	0.37	0.0024	U	0.0016	U	0.0017	U	0.0025	U	0.0019	U
Carbon tetrachloride	0.76	2.4	0.76	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
1,2-Dichloropropane				0.0056	U	0.0037	U	0.004	U	0.0059	U	0.0045	U
Dibromochloromethane				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
1,1,2-Trichloroethane				0.0024	U	0.0016	U	0.0017	U	0.0025	U	0.0019	U
Tetrachloroethene	1.3	19	1.3	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Chlorobenzene	1.1	100	1.1	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Trichlorofluoromethane				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Bromodichloromethane				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
trans-1,3-Dichloropropene				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
cis-1,3-Dichloropropene				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
1,1-Dichloropropene				-	-	-	-	-	-	-	-	-	-
Bromoform				0.0064	U	0.0043	U	0.0046	U	0.0067	U	0.0052	U
1,1,2,2-Tetrachloroethane				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Benzene	0.06	4.8	0.06	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Toluene	0.7	100	0.7	0.0033		0.0021		0.002		0.0046		0.0032	
Ethylbenzene	1	41	1	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U
Chloromethane				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U
Bromomethane				0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U
Vinyl chloride	0.02	0.9	0.02	0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U
Chloroethane				0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U
1,1-Dichloroethene	0.33	100	0.33	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-12 (C)		EP-13 (C)		EP-13-DUP (C)		EP-14D		EP-15D		EP-16 (C)		EP-17D		EP-18D		EP-19 (E)		EP-20 (E)	
				6/15/2016		6/15/2016		6/15/2016		6/21/2016		6/21/2016		6/15/2016		6/21/2016		6/21/2016		6/15/2016		6/15/2016	
				L1618398-10		L1618398-15		L1618398-16		L1619059-02		L1619059-05		L1618398-14		L1619059-01		L1619059-04		L1618398-11		L1618398-13	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0024	U	0.0016	U	0.0017	U	0.0025	U	0.0019	U	0.0016	U	0.002	U	0.0019	U	0.0017	U	0.002	U
Trichloroethene	0.47	21	0.47	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
1,2-Dichlorobenzene	1.1	100	1.1	0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
1,3-Dichlorobenzene	2.4	49	2.4	0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
1,4-Dichlorobenzene	1.8	13	1.8	0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
Methyl tert butyl ether	0.93	100	0.93	0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U	0.0022	U	0.0026	U	0.0025	U	0.0022	U	0.0027	U
p/m-Xylene				0.0032	U	0.0021	U	0.0023	U	0.0053	J	0.0026	U	0.0022	U	0.0026	U	0.0025	U	0.0022	U	0.0027	U
o-Xylene				0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U	0.0022	U	0.0026	U	0.0025	U	0.0022	U	0.0027	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
Dibromomethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene				0.0032	U	0.0021	U	0.0023	U	0.0034	U	0.0026	U	0.0022	U	0.0026	U	0.0025	U	0.0022	U	0.0027	U
Dichlorodifluoromethane				0.016	U	0.011	U	0.012	U	0.017	U	0.013	U	0.011	U	0.013	U	0.012	U	0.011	U	0.014	U
Acetone*	0.05	100	0.05	0.047	U	0.026	U	0.029	U	0.03	U	0.02	U	0.045	U	0.017	U	0.0096	J	0.02	U	0.046	U
Carbon disulfide				0.016	U	0.011	U	0.012	U	0.017	U	0.013	U	0.011	U	0.013	U	0.012	U	0.011	U	0.014	U
2-Butanone	0.12	100	0.12	0.016	U	0.0028	J	0.0025	J	0.003	J	0.0015	J	0.002	J	0.013	U	0.012	U	0.011	U	0.014	U
Vinyl acetate				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone				0.016	U	0.011	U	0.012	U	0.017	U	0.013	U	0.011	U	0.013	U	0.012	U	0.011	U	0.014	U
1,2,3-Trichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone				0.016	U	0.011	U	0.012	U	0.017	U	0.013	U	0.011	U	0.013	U	0.012	U	0.011	U	0.014	U
Bromochloromethane				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
2,2-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane				0.0064	U	0.0043	U	0.0046	U	0.0067	U	0.0052	U	0.0043	U	0.0053	U	0.005	U	0.0044	U	0.0055	U
1,3-Dichloropropane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	100	12	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
sec-Butylbenzene	11	100	11	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
tert-Butylbenzene	5.9	100	5.9	0.008	U	0.0053	U	0.0058	U	0.0037	J	0.0064	U	0.0054	U	0.00018	J	0.0062	U	0.0056	U	0.0068	U
o-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene				0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
p-Isopropyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile				0.016	U	0.011	U	0.012	U	0.017	U	0.013	U	0.011	U	0.013	U	0.012	U	0.011	U	0.014	U
Tert-Butyl Alcohol				0.096	U	0.0061	J	0.069	U	0.0049	J	0.077	U	0.065	U	0.0057	J	0.074	U	0.067	U	0.0048	J
n-Propylbenzene	3.9	100	3.9	0.0016	U	0.0011	U	0.0012	U	0.0017	U	0.0013	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U	0.0014	U
1,2,3-Trichlorobenzene				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
1,2,4-Trichlorobenzene				0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.008	U	0.0053	U	0.0058	U	0.0084	U	0.0064	U	0.0054	U	0.0066	U	0.0062	U	0.0056	U	0.0068	U
Methyl Acetate				0.0032	J	0.0011	J	0.023	U	0.034	U	0.026	U	0.022	U	0.026	U	0.025	U	0.022	U	0.027	U
Acrolein				0.04	U	0.027	U	0.029	U	0.042	U	0.032	U	0.027	U	0.033	U	0.031	U	0.028	U	0.034	U
Cyclohexane				0.032	U	0.021	U	0.023	U	0.034	U	0.026	U	0.022	U	0.026	U	0.025	U	0.022	U	0.027	U
1,4-Dioxane	0.1	13	0.1	0.16	U	0.11	U	0.12	U	0.17	U	0.13	U	0.11	U	0.13	U	0.12	U	0.11	U	0.14	U
Freon-113				0.032	U	0.021	U	0.023	U	0.034	U	0.026	U	0.022	U	0.026	U	0.025	U	0.022	U	0.027	U
p-Diethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane				0.0064	U	0.0043	U	0.0046	U	0.0067	U	0.0052	U	0.0043	U	0.0053	U	0.005	U	0.0044	U	0.0055	U

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Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-21 2/1/2018 1.1803600-02	EP-22 2/1/2018 1.1803600-01	EP-23 (E) 6/15/2016 1.1618398-12	EP-24 10/18/2017 1.1737685-03	EP-25 9/1/2016 1.1627689-02	EP-26G 6/21/2016 1.1619059-09	EP-27 2/1/2018 1.1803600-03	EP-28 2/1/2018 1.1803601-01	EP-29G 6/21/2016 1.1619059-07	EP-30G 6/21/2016 1.1619059-08
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				92.8		95.2		97.2		94.3		90.1	
Cyanide, Total	40	27	27	1	U	0.98	U	0.32	J	1	U	1.1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Lindane	0.1	1.3	0.1	0.000688	U	0.00067	U	0.000681	U	0.000689	U	0.000703	U
Alpha-BHC	0.02	0.48	0.02	0.000688	U	0.00067	U	0.000681	U	0.000689	U	0.000703	U
Beta-BHC	0.09	0.36	0.036	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Heptachlor	0.38	2.1	0.042	0.000826	U	0.000804	U	0.000817	U	0.000827	U	0.000843	U
Aldrin	0.19	0.097	0.005	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Heptachlor epoxide				0.0031	U	0.00302	U	0.00306	U	0.0031	U	0.00316	U
Endrin	0.06	11	0.014	0.000688	U	0.00067	U	0.000681	U	0.000689	U	0.000703	U
Endrin aldehyde				0.00206	U	0.00201	U	0.00204	U	0.00207	U	0.00211	U
Endrin ketone				0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Dieldrin	0.1	0.2	0.005	0.00103	U	0.001	U	0.00102	U	0.00103	U	0.00105	U
4,4'-DDE	17	8.9	0.0033	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
4,4'-DDD	14	13	0.0033	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
4,4'-DDT	136	7.9	0.0033	0.0031	U	0.00302	U	0.00306	U	0.00316	U	0.00366	U
Endosulfan I	102	24	2.4	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Endosulfan II	102	24	2.4	0.00165	U	0.00161	U	0.00163	U	0.00165	U	0.00195	U
Endosulfan sulfate	1000	24	2.4	0.000688	U	0.00067	U	0.000681	U	0.000689	U	0.000703	U
Methoxychlor				0.0031	U	0.00302	U	0.00306	U	0.0031	U	0.00316	U
Toxaphene				0.031	U	0.0302	U	0.0306	U	0.031	U	0.0316	U
cis-Chlordane	2.9	4.2	0.094	0.00206	U	0.00201	U	0.00204	U	0.00207	U	0.00211	U
trans-Chlordane				0.00206	U	0.00201	U	0.00204	U	0.00207	U	0.00211	U
Chlordane				0.0134	U	0.0131	U	0.0133	U	0.0134	U	0.0137	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1221	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1232	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1242	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1248	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1254	3.2	1	0.1	0.0428	U	0.0339	U	0.0334	U	0.00498	J	0.0362	U
Aroclor 1260	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1262	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
Aroclor 1268	3.2	1	0.1	0.035	U	0.0339	U	0.0334	U	0.0346	U	0.0362	U
PCBs, Total	3.2	1	0.1	0.0428	U	0.0339	U	0.0334	U	0.00498	J	0.0362	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.14	U	0.14	U	0.13	U	0.14	U	0.16	U
Benidine				0.58	U	0.57	U	0.55	U	0.58	U	0.59	U
1,2,4-Trichlorobenzene				0.18	U	0.17	U	0.17	U	0.17	U	0.18	U
Hexachlorobenzene	3.2	1.2	0.33	0.1	U	0.1	U	0.1	U	0.11	U	0.12	U
Bis(2-chloroethyl)ether				0.16	U	0.16	U	0.15	U	0.16	U	0.18	U
2-Chloronaphthalene				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
3,3'-Dichlorobenzidine				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2,4-Dinitrotoluene				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2,6-Dinitrotoluene				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-21 2/1/2018 L1803600-02	EP-22 2/1/2018 L1803600-01	EP-23(E) 6/15/2016 L1618398-12	EP-24 10/18/2017 L1737685-03	EP-25 9/1/2016 L1627689-02	EP-26G 6/21/2016 L1619059-09	EP-27 2/1/2018 L1803600-03	EP-28 2/1/2018 L1803601-01	EP-29G 6/21/2016 L1619059-07	EP-30G 6/21/2016 L1619059-08
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.18	U	0.17	U	0.17	U	0.18	U	0.22	U
Fluoranthene	1000	100	100	0.38	U	0.1	U	0.1	U	0.044	J	0.05	J
4-Chlorophenyl phenyl ether				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
4-Bromophenyl phenyl ether				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Bis(2-chloroisopropyl)ether				0.21	U	0.21	U	0.2	U	0.21	U	0.24	U
Bis(2-chloroethoxy)methane				0.19	U	0.19	U	0.18	U	0.19	U	0.22	U
Hexachlorobutadiene				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Hexachlorocyclopentadiene				0.5	U	0.5	U	0.48	U	0.5	U	0.51	U
Hexachloroethane				0.14	U	0.14	U	0.13	U	0.14	U	0.16	U
Isophorone				0.16	U	0.16	U	0.15	U	0.16	U	0.18	U
Naphthalene	12	100	12	0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Nitrobenzene				0.16	U	0.16	U	0.15	U	0.16	U	0.18	U
NDPA/DPA				0.14	U	0.14	U	0.13	U	0.14	U	0.16	U
n-Nitrosodi-n-propylamine				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Bis(2-ethylhexyl)phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Butyl benzyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Di-n-butylphthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Di-n-octylphthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Diethyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Dimethyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Benzo(a)anthracene	1	1	1	0.17	U	0.1	U	0.1	U	0.086	J	0.027	J
Benzo(a)pyrene	22	1	1	0.18	U	0.14	U	0.13	U	0.079	J	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.25	U	0.1	U	0.1	U	0.032	J	0.12	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.074	J	0.1	U	0.1	U	0.032	J	0.11	U
Chrysene	1	3.9	1	0.17	U	0.1	U	0.1	U	0.083	J	0.023	J
Acenaphthylene	107	100	100	0.14	U	0.14	U	0.13	U	0.14	U	0.16	U
Anthracene	1000	100	100	0.046	J	0.1	U	0.1	U	0.11	U	0.12	U
Benzo(ghi)perylene	1000	100	100	0.12	J	0.14	U	0.13	U	0.053	J	0.14	U
Fluorene	386	100	30	0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Phenanthrene	1000	100	100	0.21	U	0.1	U	0.1	U	0.12	U	0.022	J
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.029	J	0.1	U	0.1	U	0.11	U	0.12	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.13	J	0.14	U	0.13	U	0.056	J	0.14	U
Pyrene	1000	100	100	0.34	U	0.1	U	0.1	U	0.15	U	0.041	J
Biphenyl				0.4	U	0.4	U	0.38	U	0.4	U	0.41	U
4-Chloroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
3-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
4-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Dibenzofuran	210	59	7	0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2-Methylnaphthalene				0.21	U	0.21	U	0.2	U	0.21	U	0.22	U
1,2,4,5-Tetrachlorobenzene				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Acetophenone				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
n-Nitrosodimethylamine				0.35	U	0.35	U	0.33	U	0.35	U	0.36	U
2,4,6-Trichlorophenol				0.1	U	0.1	U	0.1	U	0.11	U	0.12	U
p-Chloro-m-cresol				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2-Chlorophenol				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2,4-Dichlorophenol				0.16	U	0.16	U	0.15	U	0.16	U	0.18	U
2,4-Dimethylphenol				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2-Nitrophenol				0.38	U	0.38	U	0.36	U	0.38	U	0.39	U
4-Nitrophenol				0.25	U	0.24	U	0.23	U	0.24	U	0.25	U
2,4-Dinitrophenol				0.84	U	0.83	U	0.8	U	0.84	U	0.86	U
4,6-Dinitro-o-cresol				0.46	U	0.45	U	0.43	U	0.45	U	0.47	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.14	U	0.13	U	0.14	U	0.16	U
Phenol	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
2-Methylphenol	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.25	U	0.24	U	0.25	U	0.26	U
2,4,5-Trichlorophenol				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U
Benzoic Acid				0.57	U	0.56	U	0.54	U	0.57	U	0.58	U
Benzyl Alcohol				0.18	U	0.17	U	0.17	U	0.18	U	0.2	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-21		EP-22		EP-23 (E)		EP-24		EP-25		EP-26G		EP-27		EP-28		EP-29G		EP-30G	
				2/1/2018		2/1/2018		6/15/2016		10/18/2017		9/1/2016		6/21/2016		2/1/2018		2/1/2018		6/21/2016		6/21/2016	
				L1803600-02		L1803600-01		L1618398-12		L1737685-03		L1627689-02		L1619059-09		L1803600-03		L1803601-01		L1619059-07		L1619059-08	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.023	J	0.17	U	0.17	U	0.17	U	0.18	U	0.2	U	0.22	U	0.22	U	0.17	U	0.16	U
Atrazine				0.14	U	0.14	U	0.13	U	0.14	U	0.14	U	0.16	U	0.17	U	0.18	U	0.13	U	0.13	U
Benzaldehyde				0.23	U	0.23	U	0.22	U	0.23	U	0.24	U	0.26	U	0.29	U	0.29	U	0.22	U	0.22	U
Caprolactam				0.18	U	0.17	U	0.17	U	0.17	U	0.18	U	0.2	U	0.22	U	0.22	U	0.17	U	0.16	U
2,3,4,6-Tetrachlorophenol				0.18	U	0.17	U	0.17	U	0.17	U	0.18	U	0.2	U	0.22	U	0.22	U	0.17	U	0.16	U
Total Metals																							
Aluminum, Total				4140		3110		4100		4310		3600		4400		3270		2860		4200		3600	
Antimony, Total				4.14	U	3.97	U	4.1	U	0.398	J	4.3	U	4.9	U	5.12	U	5.13	U	4	U	3.8	U
Arsenic, Total	16	16	13	1.37		1.36		1.6		1.46		1.4		1.1		1.21		1.62		0.97		1.1	
Barium, Total	820	400	350	34		15.9		40		32.6		30		34		19.9		32.4		34		26	
Beryllium, Total	47	72	7.2	0.224	J	0.151	J	0.17	J	0.161	J	0.3	J	0.2	J	0.143	J	0.164	J	0.18	J	0.15	J
Cadmium, Total	7.5	4.3	2.5	0.613	J	0.794	U	0.82	U	0.559	J	0.86	U	0.97	U	0.399	J	1.02	U	0.8	U	0.77	U
Calcium, Total				720		613		480		1660		610		740		630		430		760		480	
Chromium, Total				10.7		7.64		11		10.2		13		12		7.89		11.4		11		9.5	
Cobalt, Total				4.98		3.45		3.5		9.01		5		5		3.57		3.53		4.1		3.7	
Copper, Total	1720	270	50	12.3		10.4		11		12		12		11		8.44		7.57		10		8.7	
Iron, Total				14600		9870		12000		11400		20000		16000		9880		12600		12000		11000	
Lead, Total	450	400	63	17.6		2.84	J	25		29.9		4.9		9.5		1.41	J	2.74	J	9.4		6.2	
Magnesium, Total				1100		1390		1300		1150		1400		1300		1220		974		1200		1000	
Manganese, Total	2000	2000	1600	291		191		210		441		650		370		247		539		280		270	
Mercury, Total	0.73	0.81	0.18	0.08		0.07	U	0.01	J	0.06	J	0.03	J	0.04	J	0.08	U	0.09	U	0.02	J	0.06	U
Nickel, Total	130	310	30	6.78		8.36		7.6		10.4		11		8.4		6.2		6.24		7.6		6.9	
Potassium, Total				528		436		400		444		500		640		626		374		570		530	
Selenium, Total	4	180	3.9	1.66	U	1.59	U	1.6	U	1.69	U	1.7	U	1.9	U	2.05	U	2.05	U	1.6	U	1.5	U
Silver, Total	8.3	180	2	0.828	U	0.794	U	0.82	U	0.847	U	0.86	U	0.97	U	1.02	U	1.02	U	0.8	U	0.77	U
Sodium, Total				45.4	J	56.8	J	29	J	58.3	J	54	J	100	J	70.7	J	38.9	J	130	J	84	J
Thallium, Total				1.66	U	1.59	U	1.6	U	0.28	J	1.7	U	1.9	U	2.05	U	2.05	U	1.6	U	1.5	U
Vanadium, Total				20		9.81		18		16		20		21		15.9		14		21		17	
Zinc, Total	2480	10000	109	30.5		15.5		51		32.6		19		26		13.8		14.1		22		18	
Volatile Organics by 8260/5035																							
1,3-Dichloropropene, Total				-	-	-	-	0.0011	U	-	-	-	-	0.0016	U	-	-	-	-	0.0011	U	0.001	U
Xylenes, Total	1.6	100	0.26	-	-	-	-	0.0023	U	-	-	-	-	0.0031	U	-	-	-	-	0.0022	U	0.0021	U
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
1,1-Dichloroethane	0.27	26	0.27	0.0013	U	0.0014	U	0.0017	U	0.0013	U	0.0016	U	0.0024	U	0.0019	U	0.0015	U	0.0017	U	0.0016	U
Chloroform	0.37	49	0.37	0.0013	U	0.0014	U	0.0017	U	0.0013	U	0.0016	U	0.0024	U	0.0019	U	0.0015	U	0.0017	U	0.0016	U
Carbon tetrachloride	0.76	2.4	0.76	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,2-Dichloropropane				0.0031	U	0.0032	U	0.004	U	0.003	U	0.0037	U	0.0055	U	0.0045	U	0.0036	U	0.0039	U	0.0037	U
Dibromochloromethane				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,1,2-Trichloroethane				0.0013	U	0.0014	U	0.0017	U	0.0013	U	0.0016	U	0.0024	U	0.0019	U	0.0015	U	0.0017	U	0.0016	U
Tetrachloroethene	1.3	19	1.3	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Chlorobenzene	1.1	100	1.1	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Trichlorofluoromethane				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Bromodichloromethane				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
trans-1,3-Dichloropropene				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
cis-1,3-Dichloropropene				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,1-Dichloropropene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
Bromoform				0.0036	U	0.0036	U	0.0046	U	0.0035	U	0.0043	U	0.0063	U	0.0051	U	0.0044	U	0.0044	U	0.0042	U
1,1,2,2-Tetrachloroethane				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Benzene	0.06	4.8	0.06	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Toluene	0.7	100	0.7	0.0013	U	0.0014	U	0.0012	J	0.0013	U	0.0016	U	0.0029	U	0.0019	U	0.0015	U	0.0031		0.0023	
Ethylbenzene	1	41	1	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Chloromethane				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
Bromomethane				0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
Vinyl chloride	0.02	0.9	0.02	0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
Chloroethane				0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
1,1-Dichloroethene	0.33	100	0.33	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-21		EP-22		EP-23 (E)		EP-24		EP-25		EP-26G		EP-27		EP-28		EP-29G		EP-30G	
				2/1/2018		2/1/2018		6/15/2016		10/18/2017		9/1/2016		6/21/2016		2/1/2018		2/1/2018		6/21/2016		6/21/2016	
				L1803600-02		L1803600-01		L1618398-12		L1737685-03		L1627689-02		L1619059-09		L1803600-03		L1803601-01		L1619059-07		L1619059-08	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0013	U	0.0014	U	0.0017	U	0.0013	U	0.0016	U	0.0024	U	0.0019	U	0.0015	U	0.0017	U	0.0016	U
Trichloroethene	0.47	21	0.47	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
Methyl tert butyl ether	0.93	100	0.93	0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
p/m-Xylene				0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
o-Xylene				0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
Dibromomethane				0.009	U	0.009	U	-	-	0.0087	U	0.011	U	-	-	0.013	U	0.01	U	-	-	-	-
Styrene				0.0018	U	0.0018	U	0.0023	U	0.0017	U	0.0021	U	0.0031	U	0.0026	U	0.002	U	0.0022	U	0.0021	U
Dichlorodifluoromethane				0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
Acetone*	0.05	100	0.05	0.007	J	0.012		0.014		0.014		0.011	U	0.01	J	0.012	J	0.0036	J	0.0087	J	0.0079	J
Carbon disulfide				0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
2-Butanone	0.12		0.12	0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
Vinyl acetate				0.009	U	0.009	U	-	-	0.0087	U	0.011	U	-	-	0.013	U	0.01	U	-	-	-	-
4-Methyl-2-pentanone				0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
1,2,3-Trichloropropane				0.009	U	0.009	U	-	-	0.0087	U	0.011	U	-	-	0.013	U	0.01	U	-	-	-	-
2-Hexanone				0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
Bromochloromethane				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
2,2-Dichloropropane				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
1,2-Dibromoethane				0.0036	U	0.0036	U	0.0046	U	0.0035	U	0.0043	U	0.0063	U	0.0051	U	0.0041	U	0.0044	U	0.0042	U
1,3-Dichloropropane				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
1,1,1,2-Tetrachloroethane				0.0009	U	0.0009	U	-	-	0.00087	U	0.0011	U	-	-	0.0013	U	0.001	U	-	-	-	-
Bromobenzene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
n-Butylbenzene	12	100	12	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
sec-Butylbenzene	11	100	11	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
tert-Butylbenzene	5.9	100	5.9	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
o-Chlorotoluene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
p-Chlorotoluene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
1,2-Dibromo-3-chloropropane				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
Hexachlorobutadiene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
Isopropylbenzene				0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
p-Isopropyltoluene				0.0009	U	0.0009	U	-	-	0.00087	U	0.0011	U	-	-	0.0013	U	0.001	U	-	-	-	-
Naphthalene	12	100	12	0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
Acrylonitrile				0.009	U	0.009	U	0.011	U	0.0087	U	0.011	U	0.016	U	0.013	U	0.01	U	0.011	U	0.01	U
Tert-Butyl Alcohol				0.054	U	0.054	U	0.068	U	0.052	U	0.064	U	0.094	U	0.077	U	0.003	J	0.067	U	0.063	U
n-Propylbenzene	3.9	100	3.9	0.0009	U	0.0009	U	0.0011	U	0.00087	U	0.0011	U	0.0016	U	0.0013	U	0.001	U	0.0011	U	0.001	U
1,2,3-Trichlorobenzene				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,2,4-Trichlorobenzene				0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0045	U	0.0045	U	0.0057	U	0.0043	U	0.0053	U	0.0078	U	0.0064	U	0.0051	U	0.0056	U	0.0052	U
Methyl Acetate				0.018	U	0.018	U	0.023	U	0.017	U	0.021	U	0.031	U	0.026	U	0.02	U	0.022	U	0.021	U
Acrolein				0.022	U	0.023	U	0.028	U	0.022	U	0.027	U	0.039	U	0.032	U	0.025	U	0.028	U	0.026	U
Cyclohexane				0.018	U	0.018	U	0.023	U	0.017	U	0.021	U	0.031	U	0.026	U	0.02	U	0.022	U	0.021	U
1,4-Dioxane	0.1	13	0.1	0.036	U	0.036	U	0.11	U	0.035	U	0.11	U	0.16	U	0.051	U	0.041	U	0.11	U	0.1	U
Freon-113				0.018	U	0.018	U	0.023	U	0.017	U	0.021	U	0.031	U	0.026	U	0.02	U	0.022	U	0.021	U
p-Diethylbenzene				0.0036	U	0.0036	U	-	-	0.0035	U	0.0043	U	-	-	0.0051	U	0.0041	U	-	-	-	-
p-Ethyltoluene				0.0036	U	0.0036	U	-	-	0.0035	U	0.0043	U	-	-	0.0051	U	0.0041	U	-	-	-	-
1,2,4,5-Tetramethylbenzene				0.0036	U	0.0036	U	-	-	0.0035	U	0.0043	U	-	-	0.0051	U	0.0041	U	-	-	-	-
Ethyl ether				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
trans-1,4-Dichloro-2-butene				0.0045	U	0.0045	U	-	-	0.0043	U	0.0053	U	-	-	0.0064	U	0.0051	U	-	-	-	-
Methyl cyclohexane				0.0036	U	0.0036	U	0.0046	U	0.0035	U	0.0043	U	0.0063	U	0.0051	U	0.0041	U	0.0044	U	0.0042	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-31 2/1/2018 L1803600-04	EP-32 10/19/2017 L1737900-06	EP-33(O) 8/2/2016 L1623982-01	EP-34(O) 8/2/2016 L1623982-07	EP-35(P) 8/2/2016 L1623982-08	EP-36 9/14/2016 L1628868-04	EP-37(O) 8/2/2016 L1623982-06	EP-38(P) 8/2/2016 L1623982-09	EP-39 9/14/2016 L1628868-02	EP-39 (DUPE) 9/14/2016 L1628868-03
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				92.2		92.2		84.6		94.2		93.3	
Cyanide, Total	40	27	27	1	U	1	U	0.24	J	1	U	1.1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Lindane	0.1	1.3	0.1	0.000706	U	0.000713	U	0.000764	U	0.000695	U	0.000766	U
Alpha-BHC	0.02	0.48	0.02	0.000706	U	0.000713	U	0.000764	U	0.000695	U	0.000766	U
Beta-BHC	0.09	0.36	0.036	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Heptachlor	0.38	2.1	0.042	0.000847	U	0.000855	U	0.000916	U	0.000834	U	0.000919	U
Aldrin	0.19	0.097	0.005	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Heptachlor epoxide				0.00318	U	0.00321	U	0.00344	U	0.00313	U	0.00345	U
Endrin	0.06	11	0.014	0.000706	U	0.000713	U	0.000764	U	0.000695	U	0.000766	U
Endrin aldehyde				0.00212	U	0.00214	U	0.00229	U	0.00208	U	0.0023	U
Endrin ketone				0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Dieldrin	0.1	0.2	0.005	0.00106	U	0.00107	U	0.00114	U	0.00104	U	0.00115	U
4,4'-DDE	17	8.9	0.0033	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
4,4'-DDD	14	13	0.0033	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
4,4'-DDT	136	7.9	0.0033	0.00318	U	0.00321	U	0.00344	U	0.00313	U	0.00345	U
Endosulfan I	102	24	2.4	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Endosulfan II	102	24	2.4	0.00169	U	0.00171	U	0.00183	U	0.00167	U	0.00184	U
Endosulfan sulfate	1000	24	2.4	0.000706	U	0.000713	U	0.000764	U	0.000695	U	0.000766	U
Methoxychlor				0.00318	U	0.00321	U	0.00344	U	0.00313	U	0.00345	U
Toxaphene				0.0318	U	0.0321	U	0.0344	U	0.0313	U	0.0345	U
cis-Chlordane	2.9	4.2	0.094	0.00212	U	0.00214	U	0.00229	U	0.00208	U	0.0023	U
trans-Chlordane				0.00212	U	0.00214	U	0.00229	U	0.00208	U	0.0023	U
Chlordane				0.0138	U	0.0139	U	0.0149	U	0.0136	U	0.0149	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1221	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1232	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1242	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1248	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1254	3.2	1	0.1	0.00648	J	0.0354	U	0.0375	U	0.0436	U	0.0385	U
Aroclor 1260	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1262	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
Aroclor 1268	3.2	1	0.1	0.0341	U	0.0354	U	0.0375	U	0.0352	U	0.0385	U
PCBs, Total	3.2	1	0.1	0.00648	J	0.0354	U	0.0375	U	0.0436	U	0.0385	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.14	U	0.14	U	0.15	U	0.14	U	0.15	U
Benidine				0.58	U	0.58	U	0.63	U	0.58	U	0.65	U
1,2,4-Trichlorobenzene				0.18	U	0.18	U	0.19	U	0.18	U	0.19	U
Hexachlorobenzene	3.2	1.2	0.33	0.11	U	0.1	U	0.12	U	0.1	U	0.11	U
Bis(2-chloroethyl)ether				0.16	U	0.16	U	0.17	U	0.16	U	0.17	U
2-Chloronaphthalene				0.18	U	0.18	U	0.19	U	0.18	U	0.19	U
3,3'-Dichlorobenzidine				0.18	U	0.18	U	0.19	U	0.18	U	0.19	U
2,4-Dinitrotoluene				0.18	U	0.18	U	0.19	U	0.18	U	0.19	U
2,6-Dinitrotoluene				0.18	U	0.18	U	0.19	U	0.18	U	0.19	U

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LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-31 2/1/2018 L1803600-04	EP-32 10/19/2017 L1737900-06	EP-33(O) 8/2/2016 L1623982-01	EP-34(O) 8/2/2016 L1623982-07	EP-35(P) 8/2/2016 L1623982-08	EP-36 9/14/2016 L1628868-04	EP-37(O) 8/2/2016 L1623982-06	EP-38(P) 8/2/2016 L1623982-09	EP-39 9/14/2016 L1628868-02	EP-39 (DUPE) 9/14/2016 L1628868-03
SAMPLING DATE													
LAB SAMPLE ID													
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Fluoranthene	1000	100	100	0.16	U	0.024	J	0.12	U	0.1	U	0.11	U
4-Chlorophenyl phenyl ether				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
4-Bromophenyl phenyl ether				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Bis(2-chloroisopropyl)ether				0.21	U	0.21	U	0.23	U	0.21	U	0.22	U
Bis(2-chloroethoxy)methane				0.19	U	0.19	U	0.21	U	0.19	U	0.2	U
Hexachlorobutadiene				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Hexachlorocyclopentadiene				0.51	U	0.5	U	0.55	U	0.5	U	0.51	U
Hexachloroethane				0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Isophorone				0.16	U	0.16	U	0.17	U	0.16	U	0.16	U
Naphthalene	12	100	12	0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Nitrobenzene				0.16	U	0.16	U	0.17	U	0.16	U	0.16	U
NDPA/DPA				0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Bis(2-ethylhexyl)phthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Butyl benzyl phthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Di-n-butylphthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Di-n-octylphthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Diethyl phthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Dimethyl phthalate				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Benzo(a)anthracene	1	1	1	0.078	J	0.1	U	0.12	U	0.11	U	0.11	U
Benzo(a)pyrene	22	1	1	0.074	J	0.14	U	0.15	U	0.14	U	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.098	J	0.1	U	0.12	U	0.11	U	0.11	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.03	J	0.1	U	0.12	U	0.11	U	0.11	U
Chrysene	1	3.9	1	0.073	J	0.1	U	0.12	U	0.11	U	0.11	U
Acenaphthylene	107	100	100	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Anthracene	1000	100	100	0.11	U	0.1	U	0.12	U	0.11	U	0.11	U
Benzo(ghi)perylene	1000	100	100	0.054	J	0.14	U	0.15	U	0.14	U	0.14	U
Fluorene	386	100	30	0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Phenanthrene	1000	100	100	0.095	J	0.1	U	0.12	U	0.11	U	0.11	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.11	U	0.1	U	0.12	U	0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.06	J	0.14	U	0.15	U	0.14	U	0.14	U
Pyrene	1000	100	100	0.14	U	0.021	J	0.12	U	0.11	U	0.024	J
Biphenyl				0.4	U	0.4	U	0.44	U	0.4	U	0.41	U
4-Chloroaniline				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Nitroaniline				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
3-Nitroaniline				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
4-Nitroaniline				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Dibenzofuran	210	59	7	0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Methylnaphthalene				0.21	U	0.21	U	0.23	U	0.21	U	0.21	U
1,2,4,5-Tetrachlorobenzene				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Acetophenone				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
n-Nitrosodimethylamine				0.35	U	0.35	U	0.38	U	0.35	U	0.36	U
2,4,6-Trichlorophenol				0.11	U	0.1	U	0.12	U	0.11	U	0.11	U
p-Chloro-m-cresol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Chlorophenol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2,4-Dichlorophenol				0.16	U	0.16	U	0.17	U	0.16	U	0.16	U
2,4-Dimethylphenol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Nitrophenol				0.38	U	0.38	U	0.42	U	0.39	U	0.38	U
4-Nitrophenol				0.25	U	0.25	U	0.27	U	0.25	U	0.25	U
2,4-Dinitrophenol				0.85	U	0.85	U	0.92	U	0.84	U	0.86	U
4,6-Dinitro-o-cresol				0.46	U	0.46	U	0.5	U	0.46	U	0.46	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Phenol	0.33	100	0.33	0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Methylphenol	0.33	100	0.33	0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.26	U	0.25	U	0.28	U	0.26	U	0.26	U
2,4,5-Trichlorophenol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Benzoic Acid				0.57	U	0.57	U	0.62	U	0.57	U	0.58	U
Benzyl Alcohol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-31 2/1/2018 L1803600-04	EP-32 10/19/2017 L1737900-06	EP-33(O) 8/2/2016 L1623982-01	EP-34(O) 8/2/2016 L1623982-07	EP-35(P) 8/2/2016 L1623982-08	EP-36 9/14/2016 L1628868-04	EP-37(O) 8/2/2016 L1623982-06	EP-38(P) 8/2/2016 L1623982-09	EP-39 9/14/2016 L1628868-02	EP-39 (DUPE) 9/14/2016 L1628868-03
SAMPLING DATE													
LAB SAMPLE ID													
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Atrazine				0.14	U	0.14	U	0.15	U	0.14	U	0.14	U
Benzaldehyde				0.23	U	0.23	U	0.25	U	0.24	U	0.24	U
Caprolactam				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
2,3,4,6-Tetrachlorophenol				0.18	U	0.18	U	0.19	U	0.18	U	0.18	U
Total Metals													
Aluminum, Total				3930		4730		3400		4900		4600	
Antimony, Total				4.07	U	4.23	U	4.6	U	4.1	U	4.7	U
Arsenic, Total	16	16	13	1.38		2.29		1.2		1.8		0.61	J
Barium, Total	820	400	350	25.7		37.6		20		23		27	
Beryllium, Total	47	72	7.2	0.203	J	0.271	J	0.2	J	0.22	J	0.27	J
Cadmium, Total	7.5	4.3	2.5	0.643	J	0.305	J	0.93	U	0.06	J	0.08	J
Calcium, Total				755		373		720		1100		700	
Chromium, Total				10.3		11.3		8.8		10		13	
Cobalt, Total				5.13		4.79		3.4		4.3		5.5	
Copper, Total	1720	270	50	9.81		9.29		7.4		14		12	
Iron, Total				15600		12700		8700		12000		14000	
Lead, Total	450	400	63	2.1	J	4.55		3.2	J	3.5	J	5.8	
Magnesium, Total				1280		1420		1300		1800		1700	
Manganese, Total	2000	2000	1600	451		379		210		220		310	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.09		0.08	U	0.07	U	0.08	U
Nickel, Total	130	310	30	8.65		9.19		7.1		10		11	
Potassium, Total				557		550		440		520		530	
Selenium, Total	4	180	3.9	1.63	U	0.271	J	1.9	U	1.6	U	1.9	U
Silver, Total	8.3	180	2	0.814	U	0.847	U	0.93	U	0.83	U	0.94	U
Sodium, Total				163		45.7	J	64	J	160		86	J
Thallium, Total				1.63	U	1.69	U	1.9	U	1.6	U	1.9	U
Vanadium, Total				23.7		18.5		13		17		23	
Zinc, Total	2480	10000	109	20.7		19.5		17		19		22	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	0.0012	U	0.0011	U	0.0012	U
Xylenes, Total	1.6	100	0.26	-	-	-	-	0.0025	U	0.0021	U	0.0023	U
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U
1,1-Dichloroethane	0.27	26	0.27	0.0016	U	0.0015	U	0.0019	U	0.0016	U	0.0018	U
Chloroform	0.37	49	0.37	0.0016	U	0.0015	U	0.0019	U	0.0016	U	0.0018	U
Carbon tetrachloride	0.76	2.4	0.76	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
1,2-Dichloropropane				0.0037	U	0.0034	U	0.0044	U	0.0037	U	0.0041	U
Dibromochloromethane				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
1,1,2-Trichloroethane				0.0016	U	0.0015	U	0.0019	U	0.0016	U	0.0018	U
Tetrachloroethene	1.3	19	1.3	0.00057	J	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Chlorobenzene	1.1	100	1.1	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Trichlorofluoromethane				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Bromodichloromethane				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
trans-1,3-Dichloropropene				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
cis-1,3-Dichloropropene				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
1,1-Dichloropropene				0.0053	U	0.0049	U	-	-	-	-	0.0057	U
Bromoform				0.0042	U	0.0039	U	0.005	U	0.0042	U	0.0047	U
1,1,2,2-Tetrachloroethane				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Benzene	0.06	4.8	0.06	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Toluene	0.7	100	0.7	0.0016	U	0.0015	U	0.0017	J	0.0015	J	0.0017	J
Ethylbenzene	1	41	1	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U
Chloromethane				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U
Bromomethane				0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U
Vinyl chloride	0.02	0.9	0.02	0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U
Chloroethane				0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U
1,1-Dichloroethene	0.33	100	0.33	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-31		EP-32		EP-33(O)		EP-34(O)		EP-35(P)		EP-36		EP-37(O)		EP-38(P)		EP-39		EP-39 (DUPE)	
				2/1/2018		10/19/2017		8/2/2016		8/2/2016		8/2/2016		9/14/2016		8/2/2016		8/2/2016		9/14/2016		9/14/2016	
				L1803600-04		L1737900-06		L1623982-01		L1623982-07		L1623982-08		L1628868-04		L1623982-06		L1623982-09		L1628868-02		L1628868-03	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0016	U	0.0015	U	0.0019	U	0.0016	U	0.0018	U	0.0017	U	0.0015	U	0.0016	U	0.0016	U	0.0016	U
Trichloroethene	0.47	21	0.47	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
Methyl tert butyl ether	0.93	100	0.93	0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.002	U	0.0021	U	0.0021	U	0.0022	U
p/m-Xylene				0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.002	U	0.0021	U	0.0021	U	0.0022	U
o-Xylene				0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.002	U	0.0021	U	0.0021	U	0.0022	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
Dibromomethane				0.011	U	0.0098	U	-	-	-	-	-	-	0.011	U	-	-	-	-	0.01	U	0.011	U
Styrene				0.0021	U	0.002	U	0.0025	U	0.0021	U	0.0023	U	0.0023	U	0.002	U	0.0021	U	0.0021	U	0.0022	U
Dichlorodifluoromethane				0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.01	U	0.011	U
Acetone*	0.05	100	0.05	0.017	U	0.0098	U	0.0061	J	0.011	U	0.0024	J	0.0017	J	0.0018	J	0.0098	J	0.0048	J	0.002	J
Carbon disulfide				0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.01	U	0.011	U
2-Butanone	0.12	100	0.12	0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.0011	J	0.011	U
Vinyl acetate				0.011	U	0.0098	U	-	-	-	-	-	-	0.011	U	-	-	-	-	0.01	U	0.011	U
4-Methyl-2-pentanone				0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.01	U	0.011	U
1,2,3-Trichloropropane				0.011	U	0.0098	U	-	-	-	-	-	-	0.011	U	-	-	-	-	0.01	U	0.011	U
2-Hexanone				0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.01	U	0.011	U
Bromochloromethane				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
2,2-Dichloropropane				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
1,2-Dibromoethane				0.0042	U	0.0039	U	0.005	U	0.0042	U	0.0047	U	0.0045	U	0.0041	U	0.0043	U	0.0042	U	0.0044	U
1,3-Dichloropropane				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
1,1,1,2-Tetrachloroethane				0.0011	U	0.00098	U	-	-	-	-	-	-	0.0011	U	-	-	-	-	0.001	U	0.0011	U
Bromobenzene				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
n-Butylbenzene	12	100	12	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
sec-Butylbenzene	11	100	11	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
tert-Butylbenzene	5.9	100	5.9	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
o-Chlorotoluene				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
p-Chlorotoluene				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
1,2-Dibromo-3-chloropropane				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
Hexachlorobutadiene				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
Isopropylbenzene				0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
p-Isopropyltoluene				0.0011	U	0.00098	U	-	-	-	-	-	-	0.0011	U	-	-	-	-	0.001	U	0.0011	U
Naphthalene	12	100	12	0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
Acrylonitrile				0.011	U	0.0098	U	0.012	U	0.011	U	0.012	U	0.011	U	0.01	U	0.011	U	0.01	U	0.011	U
Tert-Butyl Alcohol				0.064	U	0.059	U	0.075	U	0.064	U	0.07	U	0.068	U	0.061	U	0.064	U	0.063	U	0.066	U
n-Propylbenzene	3.9	100	3.9	0.0011	U	0.00098	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.001	U	0.0011	U
1,2,3-Trichlorobenzene				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
1,2,4-Trichlorobenzene				0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0053	U	0.0049	U	0.0063	U	0.0053	U	0.0059	U	0.0057	U	0.0051	U	0.0054	U	0.0053	U	0.0055	U
Methyl Acetate				0.021	U	0.02	U	0.025	U	0.021	U	0.023	U	0.023	U	0.02	U	0.021	U	0.021	U	0.022	U
Acrolein				0.026	U	0.025	U	0.031	U	0.026	U	0.029	U	0.028	U	0.026	U	0.027	U	0.026	U	0.028	U
Cyclohexane				0.021	U	0.02	U	0.025	U	0.021	U	0.023	U	0.023	U	0.02	U	0.021	U	0.021	U	0.022	U
1,4-Dioxane	0.1	13	0.1	0.042	U	0.039	U	0.12	U	0.11	U	0.12	U	0.11	U	0.1	U	0.11	U	0.1	U	0.11	U
Freon-113				0.021	U	0.02	U	0.025	U	0.021	U	0.023	U	0.023	U	0.02	U	0.021	U	0.021	U	0.022	U
p-Diethylbenzene				0.0042	U	0.0039	U	-	-	-	-	-	-	0.0045	U	-	-	-	-	0.0042	U	0.0044	U
p-Ethyltoluene				0.0042	U	0.0039	U	-	-	-	-	-	-	0.0045	U	-	-	-	-	0.0042	U	0.0044	U
1,2,4,5-Tetramethylbenzene				0.0042	U	0.0039	U	-	-	-	-	-	-	0.0045	U	-	-	-	-	0.0042	U	0.0044	U
Ethyl ether				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
trans-1,4-Dichloro-2-butene				0.0053	U	0.0049	U	-	-	-	-	-	-	0.0057	U	-	-	-	-	0.0053	U	0.0055	U
Methyl cyclohexane				0.0042	U	0.0039	U	0.005	U	0.0042	U	0.0047	U	0.0045	U	0.0041	U	0.0043	U	0.0042	U	0.0044	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-40(O) 8/2/2016 L1623982-05	EP-41(P) 8/2/2016 L1623982-10	EP-42 9/14/2016 L1628868-01	EP-43(Q) 8/2/2016 L1623982-02	EP-44(Q) 8/2/2016 L1623982-04	EP-45(R) 8/2/2016 L1623982-11	EP-46 3/12/2018 L1808346-01	EP-47(Q) 8/2/2016 L1623982-03	EP-48(R) 8/2/2016 L1623982-12	EP-49 BOTTOM 3/19/2018 L1809267-01
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	0.183	U
2,4,5-T				-	-	-	-	-	-	-	-	0.183	U
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	0.183	U
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				88.2		92.6		94.5		87.4		90.4	
Cyanide, Total	40	27	27	1	U	0.4	J	0.97	U	0.29	J	1.1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Lindane	0.1	1.3	0.1	0.00074	U	0.000701	U	0.00067	U	0.000751	U	0.000718	U
Alpha-BHC	0.02	0.48	0.02	0.00074	U	0.000701	U	0.00067	U	0.000751	U	0.000718	U
Beta-BHC	0.09	0.36	0.036	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Heptachlor	0.38	2.1	0.042	0.000888	U	0.000841	U	0.000804	U	0.000902	U	0.000861	U
Aldrin	0.19	0.097	0.005	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Heptachlor epoxide				0.00333	U	0.00316	U	0.00301	U	0.00338	U	0.00323	U
Endrin	0.06	11	0.014	0.00074	U	0.000701	U	0.00067	U	0.000751	U	0.000718	U
Endrin aldehyde				0.00222	U	0.0021	U	0.00201	U	0.00225	U	0.00215	U
Endrin ketone				0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Dieldrin	0.1	0.2	0.005	0.00111	U	0.00105	U	0.001	U	0.00113	U	0.00108	U
4,4'-DDE	17	8.9	0.0033	0.00178	U	0.00308		0.000532	J	0.00105	J	0.00172	U
4,4'-DDD	14	13	0.0033	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
4,4'-DDT	136	7.9	0.0033	0.00333	U	0.00346		0.00424		0.013		0.00323	U
Endosulfan I	102	24	2.4	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Endosulfan II	102	24	2.4	0.00178	U	0.00168	U	0.00161	U	0.0018	U	0.00172	U
Endosulfan sulfate	1000	24	2.4	0.00074	U	0.000701	U	0.00067	U	0.000751	U	0.000718	U
Methoxychlor				0.00333	U	0.00316	U	0.00301	U	0.00338	U	0.00323	U
Toxaphene				0.0333	U	0.0316	U	0.0301	U	0.0338	U	0.0323	U
cis-Chlordane	2.9	4.2	0.094	0.00222	U	0.0021	U	0.00201	U	0.000646	J	0.00215	U
trans-Chlordane				0.00122	J	0.00116	J	0.00201	U	0.00102	JPI	0.00215	U
Chlordane				0.0144	U	0.0137	U	0.0131	U	0.0146	U	0.014	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1221	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1232	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1242	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1248	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1254	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0226	J	0.0349	U
Aroclor 1260	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1262	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
Aroclor 1268	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0362	U	0.0349	U
PCBs, Total	3.2	1	0.1	0.037	U	0.0348	U	0.0344	U	0.0226	J	0.0349	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.15	U	0.14	U	0.14	U	0.025	J	0.14	U
Benzidine				0.62	U	0.58	U	0.57	U	0.62	U	0.6	U
1,2,4-Trichlorobenzene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Hexachlorobenzene	3.2	1.2	0.33	0.11	U	0.1	U	0.1	U	0.11	U	0.12	U
Bis(2-chloroethyl)ether				0.17	U	0.16	U	0.16	U	0.17	U	0.16	U
2-Chloronaphthalene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
3,3'-Dichlorobenzidine				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2,4-Dinitrotoluene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2,6-Dinitrotoluene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Azobenzene				0.19	U	0.17	U	0.19	U	0.2	U	0.4	U
Fluoranthene	1000	100	100	0.11	U	0.1	U	0.091	J	0.28	U	0.11	U
4-Chlorophenyl phenyl ether				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
4-Bromophenyl phenyl ether				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether				0.22	U	0.21	U	0.21	U	0.22	U	0.22	U
Bis(2-chloroethoxy)methane				0.2	U	0.19	U	0.19	U	0.2	U	0.2	U
Hexachlorobutadiene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Hexachlorocyclopentadiene				0.54	U	0.5	U	0.5	U	0.53	U	0.53	U
Hexachloroethane				0.15	U	0.14	U	0.14	U	0.15	U	0.15	U
Isophorone				0.17	U	0.16	U	0.16	U	0.17	U	0.16	U
Naphthalene	12	100	12	0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Nitrobenzene				0.17	U	0.16	U	0.16	U	0.17	U	0.16	U
NDPA/DPA				0.15	U	0.14	U	0.14	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Bis(2-ethylhexyl)phthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Butyl benzyl phthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Di-n-butylphthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Di-n-octylphthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Diethyl phthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Dimethyl phthalate				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Benzo(a)anthracene	1	1	1	0.11	U	0.1	U	0.047	J	0.12	U	0.11	U
Benzo(a)pyrene	22	1	1	0.15	U	0.14	U	0.14	U	0.1	J	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.11	U	0.1	U	0.048	J	0.14	U	0.037	J
Benzo(k)fluoranthene	1.7	3.9	0.8	0.11	U	0.1	U	0.1	U	0.034	J	0.11	U
Chrysene	1	3.9	1	0.11	U	0.1	U	0.044	J	0.1	J	0.038	J
Acenaphthylene	107	100	100	0.15	U	0.14	U	0.14	U	0.15	U	0.14	U
Anthracene	1000	100	100	0.11	U	0.1	U	0.1	U	0.047	J	0.11	U
Benzo(ghi)perylene	1000	100	100	0.15	U	0.14	U	0.022	J	0.076	J	0.14	U
Fluorene	386	100	30	0.19	U	0.17	U	0.17	U	0.018	J	0.18	U
Phenanthrene	1000	100	100	0.11	U	0.1	U	0.056	J	0.2	U	0.082	J
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.11	U	0.1	U	0.1	U	0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.15	U	0.14	U	0.14	U	0.065	J	0.14	U
Pyrene	1000	100	100	0.11	U	0.1	U	0.077	J	0.24	U	0.075	J
Biphenyl				0.43	U	0.4	U	0.4	U	0.42	U	0.41	U
4-Chloroaniline				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2-Nitroaniline				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
3-Nitroaniline				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
4-Nitroaniline				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Dibenzofuran	210	59	7	0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2-Methylnaphthalene				0.22	U	0.21	U	0.21	U	0.22	U	0.22	U
1,2,4,5-Tetrachlorobenzene				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Acetophenone				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
n-Nitrosodimethylamine				0.37	U	0.35	U	0.35	U	0.37	U	0.36	U
2,4,6-Trichlorophenol				0.11	U	0.1	U	0.1	U	0.11	U	0.11	U
p-Chloro-m-cresol				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2-Chlorophenol				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2,4-Dichlorophenol				0.17	U	0.16	U	0.16	U	0.17	U	0.16	U
2,4-Dimethylphenol				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2-Nitrophenol				0.4	U	0.38	U	0.38	U	0.4	U	0.39	U
4-Nitrophenol				0.26	U	0.24	U	0.24	U	0.26	U	0.25	U
2,4-Dinitrophenol				0.9	U	0.84	U	0.84	U	0.9	U	0.87	U
4,6-Dinitro-o-cresol				0.49	U	0.45	U	0.45	U	0.48	U	0.47	U
Pentachlorophenol	0.8	6.7	0.8	0.15	U	0.14	U	0.14	U	0.15	U	0.14	U
Phenol	0.33	100	0.33	0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
2-Methylphenol	0.33	100	0.33	0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.27	U	0.25	U	0.25	U	0.27	U	0.26	U
2,4,5-Trichlorophenol				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U
Benzoic Acid				0.61	U	0.57	U	0.56	U	0.6	U	0.59	U
Benzyl Alcohol				0.19	U	0.17	U	0.17	U	0.19	U	0.18	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Carbazole				0.19	U	0.17	U	0.17	U	0.18	U	0.4	U
Atrazine				0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
Benzaldehyde				0.25	U	0.23	U	0.23	U	0.24	U	0.26	U
Caprolactam				0.19	U	0.17	U	0.17	U	0.18	U	0.2	U
2,3,4,6-Tetrachlorophenol				0.19	U	0.17	U	0.17	U	0.18	U	0.2	U
Total Metals													
Aluminum, Total				5200		4800		2600		6000		4700	
Antimony, Total				4.5	U	4.2	U	4.1	U	4.4	U	4.3	U
Arsenic, Total	16	16	13	1.9		1.7		1.1		2.9		2.3	
Barium, Total	820	400	350	31		34		20		64		26	
Beryllium, Total	47	72	7.2	0.34	J	0.3	J	0.41	U	0.4	J	0.38	J
Cadmium, Total	7.5	4.3	2.5	0.1	J	0.09	J	0.83	U	0.16	J	0.15	J
Calcium, Total				720		650		3900		850		1000	
Chromium, Total				14		12		7.5		14		12	
Cobalt, Total				5		5.3		3		5.2		6.7	
Copper, Total	1720	270	50	12		12		8.8		14		14	
Iron, Total				18000		17000		9800		22000		25000	
Lead, Total	450	400	63	6.6		5.1		9.6		21		6	
Magnesium, Total				1700		1600		900		1700		1500	
Manganese, Total	2000	2000	1600	320		480		220		420		440	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.07	U	0.05	J	0.1		0.07	U
Nickel, Total	130	310	30	9.1		9.5		6		12		9.5	
Potassium, Total				690		560		450		640		680	
Selenium, Total	4	180	3.9	1.8	U	1.7	U	1.6	U	1.7	U	0.27	J
Silver, Total	8.3	180	2	0.9	U	0.85	U	0.83	U	0.85	U	0.96	U
Sodium, Total				51	J	76	J	44	J	130	J	87	J
Thallium, Total				1.8	U	1.7	U	1.6	U	1.7	U	1.9	U
Vanadium, Total				26		22		14		25		29	
Zinc, Total	2480	10000	109	29		25		20		73		30	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				0.00098	U	0.001	U	-	-	0.001	U	0.00092	U
Xylenes, Total	1.6	100	0.26	0.002	U	0.0021	U	-	-	0.0021	U	0.0018	U
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.0098	U	0.01	U	0.0028	J	0.01	U	0.0092	U
1,1-Dichloroethane	0.27	26	0.27	0.0015	U	0.0016	U	0.0026	U	0.0016	U	0.0014	U
Chloroform	0.37	49	0.37	0.0015	U	0.0016	U	0.0026	U	0.0016	U	0.0014	U
Carbon tetrachloride	0.76	2.4	0.76	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
1,2-Dichloropropane				0.0034	U	0.0036	U	0.0062	U	0.0036	U	0.0032	U
Dibromochloromethane				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
1,1,2-Trichloroethane				0.0015	U	0.0016	U	0.0026	U	0.0016	U	0.0014	U
Tetrachloroethene	1.3	19	1.3	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
Chlorobenzene	1.1	100	1.1	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
Trichlorofluoromethane				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U
1,2-Dichloroethane	0.02	3.1	0.02	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
Bromodichloromethane				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
trans-1,3-Dichloropropene				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
cis-1,3-Dichloropropene				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
1,1-Dichloropropene				-	-	-	-	0.0088	U	-	-	-	-
Bromoform				0.0039	U	0.0042	U	0.007	U	0.0042	U	0.0037	U
1,1,2,2-Tetrachloroethane				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
Benzene	0.06	4.8	0.06	0.00098	U	0.0014	J	0.0018	U	0.0012	J	0.00092	U
Toluene	0.7	100	0.7	0.0022		0.0011	J	0.0026	U	0.0011	J	0.0016	J
Ethylbenzene	1	41	1	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U
Chloromethane				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U
Bromomethane				0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U
Vinyl chloride	0.02	0.9	0.02	0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U
Chloroethane				0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U
1,1-Dichloroethene	0.33	100	0.33	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-40(O)		EP-41(P)		EP-42		EP-43(Q)		EP-44(Q)		EP-45(R)		EP-46		EP-47(Q)		EP-48(R)		EP-49 BOTTOM	
				8/2/2016		8/2/2016		9/14/2016		8/2/2016		8/2/2016		8/2/2016		3/12/2018		8/2/2016		8/2/2016		3/19/2018	
				L1623982-05		L1623982-10		L1628868-01		L1623982-02		L1623982-04		L1623982-11		L1808346-01		L1623982-03		L1623982-12		L1809267-01	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0015	U	0.0016	U	0.0026	U	0.0016	U	0.0014	U	0.0019	U	0.0013	U	0.002	U	0.0018	U	0.0015	U
Trichloroethene	0.47	21	0.47	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
Methyl tert butyl ether	0.93	100	0.93	0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U	0.0026	U	0.0017	U	0.0026	U	0.0023	U	0.002	U
p/m-Xylene				0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U	0.0026	U	0.0017	U	0.0026	U	0.0023	U	0.002	U
o-Xylene				0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U	0.0026	U	0.0017	U	0.0026	U	0.0023	U	0.002	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
Dibromomethane				-	-	-	-	0.018	U	-	-	-	-	-	-	0.0085	U	-	-	-	-	0.01	U
Styrene				0.002	U	0.0021	U	0.0035	U	0.0021	U	0.0018	U	0.0026	U	0.0017	U	0.0026	U	0.0023	U	0.002	U
Dichlorodifluoromethane				0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
Acetone*	0.05	100	0.05	0.0051	J	0.0031	J	0.018	U	0.01	U	0.002	J	0.013	U	0.0068	J	0.013	U	0.0014	J	0.0039	J
Carbon disulfide				0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
2-Butanone	0.12	100	0.12	0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
Vinyl acetate				-	-	-	-	0.018	U	-	-	-	-	-	-	0.0085	U	-	-	-	-	0.01	U
4-Methyl-2-pentanone				0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
1,2,3-Trichloropropane				-	-	-	-	0.018	U	-	-	-	-	-	-	0.0085	U	-	-	-	-	0.01	U
2-Hexanone				0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
Bromochloromethane				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
2,2-Dichloropropane				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
1,2-Dibromoethane				0.0039	U	0.0042	U	0.007	U	0.0042	U	0.0037	U	0.0051	U	0.0034	U	0.0052	U	0.0047	U	0.004	U
1,3-Dichloropropane				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
1,1,1,2-Tetrachloroethane				-	-	-	-	0.0018	U	-	-	-	-	-	-	0.00085	U	-	-	-	-	0.001	U
Bromobenzene				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
n-Butylbenzene	12	100	12	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
sec-Butylbenzene	11	100	11	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
tert-Butylbenzene	5.9	100	5.9	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
o-Chlorotoluene				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
p-Chlorotoluene				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
1,2-Dibromo-3-chloropropane				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
Hexachlorobutadiene				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
Isopropylbenzene				0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
p-Isopropyltoluene				-	-	-	-	0.0018	U	-	-	-	-	-	-	0.00085	U	-	-	-	-	0.001	U
Naphthalene	12	100	12	-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
Acrylonitrile				0.0098	U	0.01	U	0.018	U	0.01	U	0.0092	U	0.013	U	0.0085	U	0.013	U	0.012	U	0.01	U
Tert-Butyl Alcohol				0.059	U	0.062	U	0.0064	J	0.062	U	0.055	U	0.077	U	0.051	U	0.078	U	0.07	U	0.06	U
n-Propylbenzene	3.9	100	3.9	0.00098	U	0.001	U	0.0018	U	0.001	U	0.00092	U	0.0013	U	0.00085	U	0.0013	U	0.0012	U	0.001	U
1,2,3-Trichlorobenzene				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
1,2,4-Trichlorobenzene				0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0049	U	0.0052	U	0.0088	U	0.0052	U	0.0046	U	0.0064	U	0.0042	U	0.0065	U	0.0058	U	0.005	U
Methyl Acetate				0.0013	J	0.021	U	0.035	U	0.021	U	0.018	U	0.026	U	0.017	U	0.026	U	0.023	U	0.02	U
Acrolein				0.024	U	0.026	U	0.044	U	0.026	U	0.023	U	0.032	U	0.021	U	0.032	U	0.029	U	0.025	U
Cyclohexane				0.02	U	0.021	U	0.035	U	0.021	U	0.018	U	0.026	U	0.017	U	0.026	U	0.023	U	0.02	U
1,4-Dioxane	0.1	13	0.1	0.098	U	0.1	U	0.18	U	0.1	U	0.092	U	0.13	U	0.034	U	0.13	U	0.12	U	0.04	U
Freon-113				0.02	U	0.021	U	0.035	U	0.021	U	0.018	U	0.026	U	0.017	U	0.026	U	0.023	U	0.02	U
p-Diethylbenzene				-	-	-	-	0.007	U	-	-	-	-	-	-	0.0034	U	-	-	-	-	0.004	U
p-Ethyltoluene				-	-	-	-	0.007	U	-	-	-	-	-	-	0.0034	U	-	-	-	-	0.004	U
1,2,4,5-Tetramethylbenzene				-	-	-	-	0.007	U	-	-	-	-	-	-	0.0034	U	-	-	-	-	0.004	U
Ethyl ether				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
trans-1,4-Dichloro-2-butene				-	-	-	-	0.0088	U	-	-	-	-	-	-	0.0042	U	-	-	-	-	0.005	U
Methyl cyclohexane				0.0039	U	0.0042	U	0.007	U	0.0042	U	0.0037	U	0.0051	U	0.0034	U	0.0052	U	0.0047	U	0.004	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-49 N SIDEWALL 3/19/2018 L1809267-02	EP-49 S SIDEWALL 3/19/2018 L1809267-03	EP-49 E SIDEWALL 3/19/2018 L1809267-04	EP-49 W SIDEWALL 3/19/2018 L1809267-05	EP-49 RESAMPLE 3/19/2018 L1809267-06	EP-50 (DEEP)** 12/14/2016 L1640597-01	EP-51 (DEEP)** 12/14/2016 L1640597-02	EP-52 3/22/2018 L1809827-01	EP-53 3/22/2018 L1809827-02	
SAMPLING DATE LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	0.189 U	-	-	-	0.172 U
2,4,5-T				-	-	-	-	-	0.189 U	-	-	-	0.172 U
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	0.189 U	-	-	-	0.172 U
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				90.1		91.9		90.8		86.5		87.4	92.5
Cyanide, Total	40	27	27	-	-	-	-	-	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Lindane	0.1	1.3	0.1	-	-	-	-	-	0.000763 U	0.000717 U	0.000734 U	0.000682 U	0.000675 U
Alpha-BHC	0.02	0.48	0.02	-	-	-	-	-	0.000763 U	0.000717 U	0.000734 U	0.000682 U	0.000675 U
Beta-BHC	0.09	0.36	0.036	-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Heptachlor	0.38	2.1	0.042	-	-	-	-	-	0.000916 U	0.00086 U	0.000881 U	0.000819 U	0.00081 U
Aldrin	0.19	0.097	0.005	-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Heptachlor epoxide				-	-	-	-	-	0.00343 U	0.00322 U	0.0033 U	0.00307 U	0.00304 U
Endrin	0.06	11	0.014	-	-	-	-	-	0.000763 U	0.000717 U	0.000734 U	0.000682 U	0.000675 U
Endrin aldehyde				-	-	-	-	-	0.00229 U	0.00215 U	0.0022 U	0.00205 U	0.00202 U
Endrin ketone				-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Dieldrin	0.1	0.2	0.005	-	-	-	-	-	0.00114 U	0.00107 U	0.0011 U	0.00102 U	0.00101 U
4,4'-DDE	17	8.9	0.0033	-	-	-	-	-	0.00183 U	0.00135 J	0.00307 PI	0.00164 U	0.00162 U
4,4'-DDD	14	13	0.0033	-	-	-	-	-	0.00183 U	0.00577	0.0221	0.00164 U	0.00162 U
4,4'-DDT	136	7.9	0.0033	-	-	-	-	-	0.00343 U	0.002 J	0.0103 P	0.00307 U	0.00304 U
Endosulfan I	102	24	2.4	-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Endosulfan II	102	24	2.4	-	-	-	-	-	0.00183 U	0.00172 U	0.00176 U	0.00164 U	0.00162 U
Endosulfan sulfate	1000	24	2.4	-	-	-	-	-	0.000763 U	0.000717 U	0.000734 U	0.000682 U	0.000675 U
Methoxychlor				-	-	-	-	-	0.00343 U	0.00322 U	0.0033 U	0.00307 U	0.00304 U
Toxaphene				-	-	-	-	-	0.0343 U	0.0322 U	0.033 U	0.0307 U	0.0304 U
cis-Chlordane	2.9	4.2	0.094	-	-	-	-	-	0.00229 U	0.00215 U	0.0022 U	0.00205 U	0.00202 U
trans-Chlordane				-	-	-	-	-	0.00229 U	0.00102 JPI	0.00151 JPI	0.00205 U	0.00202 U
Chlordane				-	-	-	-	-	0.0149 U	0.014 U	0.0143 U	0.0133 U	0.0132 U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1221	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1232	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1242	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1248	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1254	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1260	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1262	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Aroclor 1268	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
PCBs, Total	3.2	1	0.1	-	-	-	-	-	0.0365 U	0.0374 U	0.0378 U	0.0349 U	0.0342 U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	0.19 U	0.19 U	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	0.19 U	0.19 U	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	0.19 U	0.19 U	-	-
Acenaphthene	98	100	20	-	-	-	-	-	0.15 U	0.096 J	0.53	0.14 U	0.13 U
Benzidine				-	-	-	-	-	0.63 U	-	-	0.58 U	0.55 U
1,2,4-Trichlorobenzene				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.18 U	0.17 U
Hexachlorobenzene	3.2	1.2	0.33	-	-	-	-	-	0.12 U	0.11 U	0.11 U	0.1 U	0.1 U
Bis(2-chloroethyl)ether				-	-	-	-	-	0.17 U	0.17 U	0.17 U	0.16 U	0.15 U
2-Chloronaphthalene				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.18 U	0.17 U
3,3'-Dichlorobenzidine				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.18 U	0.17 U
2,4-Dinitrotoluene				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.18 U	0.17 U
2,6-Dinitrotoluene				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.18 U	0.17 U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-49 N SIDEWALL 3/19/2018 L1809267-02	EP-49 S SIDEWALL 3/19/2018 L1809267-03	EP-49 E SIDEWALL 3/19/2018 L1809267-04	EP-49 W SIDEWALL 3/19/2018 L1809267-05	EP-49 RESAMPLE 3/19/2018 L1640597-06	EP-50 (DEEP)** 12/14/2016 L1640597-01	EP-51 (DEEP)** 12/14/2016 L1640597-02	EP-52 3/22/2018 L1809827-01	EP-53 3/22/2018 L1809827-02	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Azobenzene				-	-	-	-	-	-	-	-	-	-
Fluoranthene	1000	100	100	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether				-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether				-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane				-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene				-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene				-	-	-	-	-	-	-	-	-	-
Hexachloroethane				-	-	-	-	-	-	-	-	-	-
Isophorone				-	-	-	-	-	-	-	-	-	-
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-
Nitrobenzene				-	-	-	-	-	-	-	-	-	-
NDPA/DPA				-	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine				-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate				-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate				-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate				-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate				-	-	-	-	-	-	-	-	-	-
Diethyl phthalate				-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate				-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	1	1	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	22	1	1	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1.7	1	1	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1.7	3.9	0.8	-	-	-	-	-	-	-	-	-	-
Chrysene	1	3.9	1	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	107	100	100	-	-	-	-	-	-	-	-	-	-
Anthracene	1000	100	100	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	1000	100	100	-	-	-	-	-	-	-	-	-	-
Fluorene	386	100	30	-	-	-	-	-	-	-	-	-	-
Phenanthrene	1000	100	100	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	1000	0.33	0.33	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	-	-	-	-	-	-	-	-	-	-
Pyrene	1000	100	100	-	-	-	-	-	-	-	-	-	-
Biphenyl				-	-	-	-	-	-	-	-	-	-
4-Chloroaniline				-	-	-	-	-	-	-	-	-	-
2-Nitroaniline				-	-	-	-	-	-	-	-	-	-
3-Nitroaniline				-	-	-	-	-	-	-	-	-	-
4-Nitroaniline				-	-	-	-	-	-	-	-	-	-
Dibenzofuran	210	59	7	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene				-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene				-	-	-	-	-	-	-	-	-	-
Acetophenone				-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine				-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol				-	-	-	-	-	-	-	-	-	-
p-Chloro-m-cresol				-	-	-	-	-	-	-	-	-	-
2-Chlorophenol				-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol				-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol				-	-	-	-	-	-	-	-	-	-
2-Nitrophenol				-	-	-	-	-	-	-	-	-	-
4-Nitrophenol				-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol				-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol				-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	6.7	0.8	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol				-	-	-	-	-	-	-	-	-	-
Benzoic Acid				-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol				-	-	-	-	-	-	-	-	-	-

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Carbazole				-	-	-	-	-	0.19 U	0.19 U	0.19 U	0.17 U	U
Atrazine				-	-	-	-	-	0.15 U	-	-	0.14 U	0.13 U
Benzaldehyde				-	-	-	-	-	0.25 U	-	-	0.23 U	0.22 U
Caprolactam				-	-	-	-	-	0.19 U	-	-	0.18 U	0.17 U
2,3,4,6-Tetrachlorophenol				-	-	-	-	-	0.19 U	-	-	0.18 U	0.17 U
Total Metals													
Aluminum, Total				-	-	-	-	-	6600	3000	3300	2820	3510
Antimony, Total				-	-	-	-	-	4.5 U	4.5 U	4.5 U	0.658 J	0.497 J
Arsenic, Total	16	16	13	-	-	-	-	-	1.78	1.2	0.95	0.774 J	0.903
Barium, Total	820	400	350	-	-	-	-	-	33.6	22	31	15.3	21.4
Beryllium, Total	47	72	7.2	-	-	-	-	-	0.315 J	0.11 J	0.15 J	0.208 J	0.224 J
Cadmium, Total	7.5	4.3	2.5	-	-	-	-	-	0.324 J	0.9 U	0.89 U	0.833 U	0.828 U
Calcium, Total				-	-	-	-	-	680	3000	760	260	403
Chromium, Total				-	-	-	-	-	11.8	11	9.3	9	10.8
Cobalt, Total				-	-	-	-	-	6.09	3.5	3.8	3.43	4.29
Copper, Total	1720	270	50	-	-	-	-	-	19.5	10	10	8.42	8
Iron, Total				-	-	-	-	-	18000	14000	14000	12400	10500
Lead, Total	450	400	63	-	-	-	-	-	4.57	5	62	2.84 J	2.83 J
Magnesium, Total				-	-	-	-	-	1680	1100	1200	851	1370
Manganese, Total	2000	2000	1600	-	-	-	-	-	325	270	270	240	235
Mercury, Total	0.73	0.81	0.18	-	-	-	-	-	0.07 U	0.08 U	0.29	0.017 J	0.066 U
Nickel, Total	130	310	30	-	-	-	-	-	9.43	7.1	7.9	6.55	9.95
Potassium, Total				-	-	-	-	-	1050	590	490	369	511
Selenium, Total	4	180	3.9	-	-	-	-	-	0.342 J	1.8 U	1.8 U	1.66 U	1.66 U
Silver, Total	8.3	180	2	-	-	-	-	-	0.901 U	0.9 U	0.89 U	0.833 U	0.828 U
Sodium, Total				-	-	-	-	-	129 J	80 J	72 J	32.3 J	39.7 J
Thallium, Total				-	-	-	-	-	1.8 U	1.8 U	1.8 U	1.66 U	1.66 U
Vanadium, Total				-	-	-	-	-	25	17	16	14.8	13.6
Zinc, Total	2480	10000	109	-	-	-	-	-	21.8	18	23	13	21
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	-	-	0.058 U	0.066 U	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	0.12 U	0.14 J	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	0.058 U	0.066 U	-	-
Methylene chloride	0.05	100	0.05	0.011 U	U	0.011 U	U	0.011 U	-	0.58 U	0.66 U	0.01 U	0.011 U
1,1-Dichloroethane	0.27	26	0.27	0.0017 U	U	0.0016 U	U	0.0016 U	-	0.087 U	0.098 U	0.0016 U	0.0016 U
Chloroform	0.37	49	0.37	0.0017 U	U	0.0016 U	U	0.0016 U	-	0.087 U	0.098 U	0.0016 U	0.0016 U
Carbon tetrachloride	0.76	2.4	0.76	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
1,2-Dichloropropane				0.0039 U	U	0.0037 U	U	0.0038 U	-	0.2 U	0.23 U	0.0037 U	0.0037 U
Dibromochloromethane				0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
1,1,2-Trichloroethane				0.0017 U	U	0.0016 U	U	0.0016 U	-	0.087 U	0.098 U	0.0016 U	0.0016 U
Tetrachloroethene	1.3	19	1.3	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
Chlorobenzene	1.1	100	1.1	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
Trichlorofluoromethane				0.0055 U	U	0.0053 U	U	0.0054 U	-	0.29 U	0.33 U	0.0053 U	0.0053 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
Bromodichloromethane				0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
trans-1,3-Dichloropropene				0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
cis-1,3-Dichloropropene				0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
1,1-Dichloropropene				0.0055 U	U	0.0053 U	U	0.0054 U	-	0.29 U	0.33 U	0.0053 U	0.0053 U
Bromoform				0.0044 U	U	0.0043 U	U	0.0043 U	-	0.23 U	0.26 U	0.0042 U	0.0042 U
1,1,2,2-Tetrachloroethane				0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
Benzene	0.06	4.8	0.06	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U
Toluene	0.7	100	0.7	0.0017 U	U	0.0016 U	U	0.0016 U	-	0.087 U	0.014 J	0.0016 U	0.0016 U
Ethylbenzene	1	41	1	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.059 J	0.001 U	0.0011 U
Chloromethane				0.0055 U	U	0.0053 U	U	0.0054 U	-	0.29 U	0.33 U	0.0053 U	0.0053 U
Bromomethane				0.0022 U	U	0.0021 U	U	0.0022 U	-	0.12 U	0.13 U	0.0021 U	0.0021 U
Vinyl chloride	0.02	0.9	0.02	0.0022 U	U	0.0021 U	U	0.0022 U	-	0.12 U	0.13 U	0.0021 U	0.0021 U
Chloroethane				0.0022 U	U	0.0021 U	U	0.0022 U	-	0.12 U	0.13 U	0.0021 U	0.0021 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	U	0.0011 U	U	0.0011 U	-	0.058 U	0.066 U	0.001 U	0.0011 U

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LAB SAMPLE ID				Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0017 U	0.0016 U	0.0016 U	0.0016 U	- -	0.087 U	0.098 U	0.0016 U	0.0016 U
Trichloroethene	0.47	21	0.47	0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.058 U	0.066 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
Methyl tert butyl ether	0.93	100	0.93	0.0022 U	0.0021 U	0.0022 U	0.0022 U	- -	0.12 U	0.13 U	0.0021 U	0.0021 U
p/m-Xylene				0.0022 U	0.0021 U	0.0022 U	0.0022 U	- -	0.12 U	0.036 J	0.0021 U	0.0021 U
o-Xylene				0.0022 U	0.0021 U	0.0022 U	0.0022 U	- -	0.12 U	0.1 J	0.0021 U	0.0021 U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.058 U	0.066 U	0.001 U	0.0011 U
Dibromomethane				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
Styrene				0.0022 U	0.0021 U	0.0022 U	0.0022 U	- -	0.12 U	0.13 U	0.0021 U	0.0021 U
Dichlorodifluoromethane				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
Acetone*	0.05	100	0.05	0.019 U	0.01 J	0.028 U	0.023 U	- -	0.58 U	0.66 U	0.01 U	0.034 U
Carbon disulfide				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
2-Butanone	0.12	100	0.12	0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
Vinyl acetate				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
4-Methyl-2-pentanone				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
1,2,3-Trichloropropane				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
2-Hexanone				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
Bromochloromethane				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
2,2-Dichloropropane				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,2-Dibromoethane				0.0044 U	0.0043 U	0.0043 U	0.0043 U	- -	0.23 U	0.26 U	0.0042 U	0.0042 U
1,3-Dichloropropane				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,1,1,2-Tetrachloroethane				0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.058 U	0.066 U	0.001 U	0.0011 U
Bromobenzene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
n-Butylbenzene	12	100	12	0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.014 J	0.28	0.001 U	0.0011 U
sec-Butylbenzene	11	100	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.02 J	0.48	0.001 U	0.0011 U
tert-Butylbenzene	5.9	100	5.9	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.055 J	0.0053 U	0.0053 U
o-Chlorotoluene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
p-Chlorotoluene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,2-Dibromo-3-chloropropane				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
Hexachlorobutadiene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
Isopropylbenzene				0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.058 U	0.076	0.001 U	0.0011 U
p-Isopropyltoluene				0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.024 J	0.065 J	0.001 U	0.0011 U
Naphthalene	12	100	12	0.0055 U	0.0053 U	0.0054 U	0.00016 J	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
Acrylonitrile				0.011 U	0.011 U	0.011 U	0.011 U	- -	0.58 U	0.66 U	0.01 U	0.011 U
Tert-Butyl Alcohol				0.066 U	0.064 U	0.004 J	0.065 U	- -	- -	- -	0.064 U	0.015 J
n-Propylbenzene	3.9	100	3.9	0.0011 U	0.0011 U	0.0011 U	0.0011 U	- -	0.058 U	0.12	0.001 U	0.0011 U
1,2,3-Trichlorobenzene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,2,4-Trichlorobenzene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.031 J	0.11 J	0.0053 U	0.0053 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.029 J	0.28 J	0.0053 U	0.0053 U
Methyl Acetate				0.022 U	0.021 U	0.022 U	0.022 U	- -	- -	- -	0.021 U	0.021 U
Acrolein				0.028 U	0.027 U	0.027 U	0.027 U	- -	- -	- -	0.026 U	0.026 U
Cyclohexane				0.022 U	0.021 U	0.022 U	0.022 U	- -	- -	- -	0.021 U	0.021 U
1,4-Dioxane	0.1	13	0.1	0.044 U	0.043 U	0.043 U	0.043 U	- -	5.8 U	6.6 U	0.042 U	0.042 U
Freon-113				0.022 U	0.021 U	0.022 U	0.022 U	- -	- -	- -	0.021 U	0.021 U
p-Diethylbenzene				0.0044 U	0.0043 U	0.0043 U	0.0043 U	- -	0.2 J	0.48	0.0042 U	0.0042 U
p-Ethyltoluene				0.0044 U	0.0043 U	0.0043 U	0.0043 U	- -	0.23 U	0.12 J	0.0042 U	0.0042 U
1,2,4,5-Tetramethylbenzene				0.0005 J	0.0043 U	0.0043 U	0.00022 J	- -	0.15 J	1.6	0.0042 U	0.0042 U
Ethyl ether				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
trans-1,4-Dichloro-2-butene				0.0055 U	0.0053 U	0.0054 U	0.0054 U	- -	0.29 U	0.33 U	0.0053 U	0.0053 U
Methyl cyclohexane				0.0044 U	0.0043 U	0.0043 U	0.0043 U	- -	- -	- -	0.0042 U	0.0042 U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-54 3/22/2018 L1809827-03	EP-55 10/19/2017 L1737900-01	EP-56 10/19/2017 L1737900-02	EP-57 10/19/2017 L1737900-03	EP-58 10/19/2017 L1737900-04	EP-59 11/14/2017 L1741798-01	EP-60 3/5/2018 L1807504-01	EP-61 10/19/2017 L1737900-05	EP-62 11/14/2017 L1741798-02	EP-63 3/5/2018 L1807504-02
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				0.172	U	-	-	-	-	-	-	0.168	U
2,4,5-T				0.172	U	-	-	-	-	-	-	0.168	U
2,4,5-TP (Silvex)	3.8	100	3.8	0.172	U	-	-	-	-	-	-	0.168	U
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				95.5		96.6		95.9		96.7		95.8	
Cyanide, Total	40	27	27	0.96	U	0.97	U	0.99	U	0.94	U	0.99	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Lindane	0.1	1.3	0.1	0.000672	U	0.000649	U	0.000665	U	0.000679	U	0.000688	U
Alpha-BHC	0.02	0.48	0.02	0.000672	U	0.000649	U	0.000665	U	0.000679	U	0.000688	U
Beta-BHC	0.09	0.36	0.036	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Heptachlor	0.38	2.1	0.042	0.000806	U	0.000778	U	0.000798	U	0.000815	U	0.000826	U
Aldrin	0.19	0.097	0.005	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Heptachlor epoxide				0.00302	U	0.00292	U	0.00299	U	0.00306	U	0.0031	U
Endrin	0.06	11	0.014	0.000672	U	0.000649	U	0.000665	U	0.000679	U	0.000688	U
Endrin aldehyde				0.00202	U	0.00194	U	0.002	U	0.00204	U	0.00206	U
Endrin ketone				0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Dieldrin	0.1	0.2	0.005	0.00101	U	0.000973	U	0.000998	U	0.00102	U	0.00103	U
4,4'-DDE	17	8.9	0.0033	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
4,4'-DDD	14	13	0.0033	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
4,4'-DDT	136	7.9	0.0033	0.00302	U	0.00292	U	0.00299	U	0.00306	U	0.0031	U
Endosulfan I	102	24	2.4	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Endosulfan II	102	24	2.4	0.00161	U	0.00156	U	0.0016	U	0.00163	U	0.00165	U
Endosulfan sulfate	1000	24	2.4	0.000672	U	0.000649	U	0.000665	U	0.000679	U	0.000688	U
Methoxychlor				0.00302	U	0.00292	U	0.00299	U	0.00306	U	0.0031	U
Toxaphene				0.0302	U	0.0292	U	0.0299	U	0.0306	U	0.031	U
cis-Chlordane	2.9	4.2	0.094	0.00202	U	0.00194	U	0.002	U	0.00204	U	0.00206	U
trans-Chlordane				0.00202	U	0.00194	U	0.002	U	0.00204	U	0.00206	U
Chlordane				0.0131	U	0.0126	U	0.013	U	0.0132	U	0.0134	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1221	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1232	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1242	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1248	3.2	1	0.1	0.0332	U	0.0329	U	0.0345	U	0.0324	U	0.0338	U
Aroclor 1254	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1260	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1262	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
Aroclor 1268	3.2	1	0.1	0.0332	U	0.0329	U	0.0339	U	0.0324	U	0.0338	U
PCBs, Total	3.2	1	0.1	0.0332	U	0.0329	U	0.0345	U	0.0324	U	0.0338	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.14	U	0.13	U	0.14	U	0.13	U	0.14	U
Benidine				0.57	U	0.55	U	0.57	U	0.56	U	0.57	U
1,2,4-Trichlorobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorobenzene	3.2	1.2	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether				0.16	U	0.15	U	0.16	U	0.15	U	0.16	U
2-Chloronaphthalene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,6-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Azobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Fluoranthene	1000	100	100	0.1	U	0.1	U	0.1	U	0.046	J	0.1	U
4-Chlorophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Bromophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether				0.21	U	0.2	U	0.21	U	0.2	U	0.2	U
Bis(2-chloroethoxy)methane				0.19	U	0.18	U	0.19	U	0.18	U	0.18	U
Hexachlorobutadiene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorocyclopentadiene				0.5	U	0.48	U	0.5	U	0.49	U	0.49	U
Hexachloroethane				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Isophorone				0.16	U	0.15	U	0.16	U	0.15	U	0.15	U
Naphthalene	12	100	12	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Nitrobenzene				0.16	U	0.15	U	0.16	U	0.15	U	0.15	U
NDPA/DPA				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Butyl benzyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-butylphthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-octylphthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Diethyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dimethyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzo(a)anthracene	1	1	1	0.1	U	0.1	U	0.1	U	0.023	J	0.1	U
Benzo(a)pyrene	22	1	1	0.14	U	0.13	U	0.14	U	0.14	U	0.058	J
Benzo(b)fluoranthene	1.7	1	1	0.1	U	0.1	U	0.1	U	0.1	U	0.082	J
Benzo(k)fluoranthene	1.7	3.9	0.8	0.1	U	0.1	U	0.1	U	0.1	U	0.029	J
Chrysene	1	3.9	1	0.1	U	0.1	U	0.1	U	0.019	J	0.1	U
Acenaphthylene	107	100	100	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Anthracene	1000	100	100	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	1000	100	100	0.14	U	0.13	U	0.14	U	0.14	U	0.044	J
Fluorene	386	100	30	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Phenanthrene	1000	100	100	0.1	U	0.1	U	0.1	U	0.027	J	0.1	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.14	U	0.13	U	0.14	U	0.14	U	0.044	J
Pyrene	1000	100	100	0.1	U	0.1	U	0.1	U	0.042	J	0.1	U
Biphenyl				0.4	U	0.38	U	0.4	U	0.39	U	0.39	U
4-Chloroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dibenzofuran	210	59	7	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylnaphthalene				0.21	U	0.2	U	0.21	U	0.2	U	0.2	U
1,2,4,5-Tetrachlorobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Acetophenone				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
n-Nitrosodimethylamine				0.35	U	0.34	U	0.35	U	0.34	U	0.34	U
2,4,6-Trichlorophenol				0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
p-Chloro-m-cresol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Chlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dichlorophenol				0.16	U	0.15	U	0.16	U	0.15	U	0.15	U
2,4-Dimethylphenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitrophenol				0.38	U	0.36	U	0.37	U	0.37	U	0.37	U
4-Nitrophenol				0.24	U	0.23	U	0.24	U	0.24	U	0.24	U
2,4-Dinitrophenol				0.83	U	0.8	U	0.83	U	0.82	U	0.82	U
4,6-Dinitro-o-cresol				0.45	U	0.44	U	0.45	U	0.44	U	0.44	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.24	U	0.25	U	0.25	U	0.24	U
2,4,5-Trichlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzoic Acid				0.56	U	0.54	U	0.56	U	0.55	U	0.55	U
Benzyl Alcohol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U

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SAMPLING DATE													
LAB SAMPLE ID													
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Atrazine				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Benzaldehyde				0.23	U	0.22	U	0.23	U	0.22	U	0.23	U
Caprolactam				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,3,4,6-Tetrachlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Total Metals													
Aluminum, Total				3000		2860		1870		3430		2410	
Antimony, Total				0.491	J	3.9	U	4.03	U	4.06	U	4.16	U
Arsenic, Total	16	16	13	0.776	J	1.71		1.43		2.29		1.81	
Barium, Total	820	400	350	21.4		20.2		14.2		23.6		13.7	
Beryllium, Total	47	72	7.2	0.166	J	0.179	J	0.153	J	0.263	J	0.166	J
Cadmium, Total	7.5	4.3	2.5	0.792	U	0.257	J	0.209	J	0.162	J	0.495	J
Calcium, Total				275		551		320		470		313	
Chromium, Total				9.34		10.4		8.5		6.57		11.2	
Cobalt, Total				3.52		3.94		2.87		3.88		4.54	
Copper, Total	1720	270	50	5.84		7.83		4.93		6.12		9.99	
Iron, Total				10800		11100		9210		7100		13300	
Lead, Total	450	400	63	2.32	J	2.57	J	2.81	J	2.68	J	4.42	
Magnesium, Total				1040		1170		610		944		1050	
Manganese, Total	2000	2000	1600	216		258		180		248		334	
Mercury, Total	0.73	0.81	0.18	0.067	U	0.07	U	0.07	U	0.07	U	0.03	J
Nickel, Total	130	310	30	6.46		8.28		5.11		7.82		7.93	
Potassium, Total				762		383		238		343		319	
Selenium, Total	4	180	3.9	1.58	U	0.21	J	0.338	J	1.62	U	0.293	J
Silver, Total	8.3	180	2	0.792	U	0.78	U	0.805	U	0.809	U	0.813	U
Sodium, Total				25	J	63	J	26.1	J	41.8	J	62.1	J
Thallium, Total				1.58	U	1.56	U	1.61	U	1.62	U	1.6	U
Vanadium, Total				12.3		16.7		11.1		9.74		19.7	
Zinc, Total	2480	10000	109	18		13.8		13.2		11.8		20.1	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.011	U	0.0096	U	0.012	U	0.0094	U	0.01	U
1,1-Dichloroethane	0.27	26	0.27	0.0016	U	0.0014	U	0.0018	U	0.0014	U	0.0016	U
Chloroform	0.37	49	0.37	0.0016	U	0.0014	U	0.0018	U	0.0014	U	0.0016	U
Carbon tetrachloride	0.76	2.4	0.76	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
1,2-Dichloropropane				0.0038	U	0.0034	U	0.0042	U	0.0033	U	0.0036	U
Dibromochloromethane				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
1,1,2-Trichloroethane				0.0016	U	0.0014	U	0.0018	U	0.0014	U	0.0016	U
Tetrachloroethene	1.3	19	1.3	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Chlorobenzene	1.1	100	1.1	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Trichlorofluoromethane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Bromodichloromethane				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
trans-1,3-Dichloropropene				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
cis-1,3-Dichloropropene				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
1,1-Dichloropropene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Bromoform				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U
1,1,2,2-Tetrachloroethane				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Benzene	0.06	4.8	0.06	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Toluene	0.7	100	0.7	0.0016	U	0.0014	U	0.0018	U	0.0014	U	0.0016	U
Ethylbenzene	1	41	1	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U
Chloromethane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Bromomethane				0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
Vinyl chloride	0.02	0.9	0.02	0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
Chloroethane				0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
1,1-Dichloroethene	0.33	100	0.33	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.001	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-54 3/22/2018 L1809827-03	EP-55 10/19/2017 L1737900-01	EP-56 10/19/2017 L1737900-02	EP-57 10/19/2017 L1737900-03	EP-58 10/19/2017 L1737900-04	EP-59 11/14/2017 L1741798-01	EP-60 3/5/2018 L1807504-01	EP-61 10/19/2017 L1737900-05	EP-62 11/14/2017 L1741798-02	EP-63 3/5/2018 L1807504-02
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
trans-1,2-Dichloroethene	0.19	100	0.19	0.0016	U	0.0014	U	0.0018	U	0.0016	U	0.0017	U
Trichloroethene	0.47	21	0.47	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Methyl tert butyl ether	0.93	100	0.93	0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
p/m-Xylene				0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
o-Xylene				0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
Dibromomethane				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
Styrene				0.0022	U	0.0019	U	0.0024	U	0.0019	U	0.0021	U
Dichlorodifluoromethane				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
Acetone*	0.05	100	0.05	0.011	U	0.0023	J	0.0053	J	0.016	0.0056	J	0.015
Carbon disulfide				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
2-Butanone	0.12	100	0.12	0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
Vinyl acetate				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
4-Methyl-2-pentanone				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
1,2,3-Trichloropropane				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
2-Hexanone				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
Bromochloromethane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
2,2-Dichloropropane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,2-Dibromoethane				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U
1,3-Dichloropropane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,1,1,2-Tetrachloroethane				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
Bromobenzene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
n-Butylbenzene	12	100	12	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
sec-Butylbenzene	11	100	11	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
tert-Butylbenzene	5.9	100	5.9	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
o-Chlorotoluene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
p-Chlorotoluene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,2-Dibromo-3-chloropropane				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Hexachlorobutadiene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Isopropylbenzene				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
p-Isopropyltoluene				0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
Naphthalene	12	100	12	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Acrylonitrile				0.011	U	0.0096	U	0.012	U	0.0094	U	0.011	U
Tert-Butyl Alcohol				0.065	U	0.058	U	0.073	U	0.063	U	0.068	U
n-Propylbenzene	3.9	100	3.9	0.0011	U	0.00096	U	0.0012	U	0.00094	U	0.0011	U
1,2,3-Trichlorobenzene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,2,4-Trichlorobenzene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Methyl Acetate				0.022	U	0.019	U	0.024	U	0.019	U	0.021	U
Acrolein				0.027	U	0.024	U	0.03	U	0.024	U	0.026	U
Cyclohexane				0.022	U	0.019	U	0.024	U	0.019	U	0.021	U
1,4-Dioxane	0.1	13	0.1	0.044	U	0.038	U	0.048	U	0.038	U	0.042	U
Freon-113				0.022	U	0.019	U	0.024	U	0.019	U	0.021	U
p-Diethylbenzene				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U
p-Ethyltoluene				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U
1,2,4,5-Tetramethylbenzene				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U
Ethyl ether				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
trans-1,4-Dichloro-2-butene				0.0054	U	0.0048	U	0.0061	U	0.0047	U	0.0052	U
Methyl cyclohexane				0.0044	U	0.0038	U	0.0048	U	0.0038	U	0.0042	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-64 10/25/2017 L1738986-01	EP-65 10/25/2017 L1738986-02	EP-66 12/19/2017 L1746748-05	EP-67 10/25/2017 L1738986-04	EP-68 10/25/2017 L1738986-03	EP-69 12/19/2017 L1746748-04	EP-70 10/27/2017 L1739193-03	EP-70 DUP 10/27/2017 L1739193-04	EP-71 10/27/2017 L1739193-05	EP-72 12/19/2017 L1746748-03
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				95		96.8		95.3		96.9		96.2	
Cyanide, Total	40	27	27	0.98	U	0.99	U	1	U	0.96	U	1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Lindane	0.1	1.3	0.1	0.00066	U	0.00066	U	0.000677	U	0.000671	U	0.000665	U
Alpha-BHC	0.02	0.48	0.02	0.00066	U	0.00066	U	0.000677	U	0.000671	U	0.000665	U
Beta-BHC	0.09	0.36	0.036	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Heptachlor	0.38	2.1	0.042	0.000791	U	0.000792	U	0.000812	U	0.000806	U	0.000818	U
Aldrin	0.19	0.097	0.005	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Heptachlor epoxide				0.00297	U	0.00297	U	0.00305	U	0.00302	U	0.00299	U
Endrin	0.06	11	0.014	0.00066	U	0.00066	U	0.000677	U	0.000671	U	0.000665	U
Endrin aldehyde				0.00198	U	0.00198	U	0.00203	U	0.00201	U	0.00199	U
Endrin ketone				0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Dieldrin	0.1	0.2	0.005	0.000989	U	0.00099	U	0.00102	U	0.00101	U	0.000997	U
4,4'-DDE	17	8.9	0.0033	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
4,4'-DDD	14	13	0.0033	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
4,4'-DDT	136	7.9	0.0033	0.00297	U	0.00297	U	0.00305	U	0.00302	U	0.00299	U
Endosulfan I	102	24	2.4	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Endosulfan II	102	24	2.4	0.00158	U	0.00158	U	0.00162	U	0.00161	U	0.0016	U
Endosulfan sulfate	1000	24	2.4	0.00066	U	0.00066	U	0.000677	U	0.000671	U	0.000665	U
Methoxychlor				0.00297	U	0.00297	U	0.00305	U	0.00302	U	0.00299	U
Toxaphene				0.0297	U	0.0297	U	0.0305	U	0.0302	U	0.0299	U
cis-Chlordane	2.9	4.2	0.094	0.00198	U	0.00198	U	0.00203	U	0.00201	U	0.00199	U
trans-Chlordane				0.00198	U	0.00198	U	0.00203	U	0.00201	U	0.00199	U
Chlordane				0.0129	U	0.0129	U	0.0132	U	0.0131	U	0.013	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1221	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1232	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1242	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1248	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1254	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1260	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1262	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Aroclor 1268	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
PCBs, Total	3.2	1	0.1	0.0342	U	0.0338	U	0.0334	U	0.0334	U	0.0328	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Benidine				0.57	U	0.55	U	0.56	U	0.56	U	0.57	U
1,2,4-Trichlorobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorobenzene	3.2	1.2	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether				0.16	U	0.15	U	0.15	U	0.16	U	0.15	U
2-Chloronaphthalene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,6-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-64	EP-65	EP-66	EP-67	EP-68	EP-69	EP-70	EP-70 DUP	EP-71	EP-72
SAMPLING DATE				10/25/2017	10/25/2017	12/19/2017	10/25/2017	10/25/2017	12/19/2017	10/27/2017	10/27/2017	10/27/2017	12/19/2017
LAB SAMPLE ID				L1738986-01	L1738986-02	L1746748-05	L1738986-04	L1738986-03	L1746748-04	L1739193-03	L1739193-04	L1739193-05	L1746748-03
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Fluoranthene	1000	100	100	0.1	U	0.1	U	0.03	J	0.1	U	0.1	U
4-Chlorophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Bromophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether				0.21	U	0.2	U	0.2	U	0.21	U	0.2	U
Bis(2-chloroethoxy)methane				0.19	U	0.18	U	0.18	U	0.19	U	0.18	U
Hexachlorobutadiene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Hexachlorocyclopentadiene				0.5	U	0.48	U	0.49	U	0.49	U	0.49	U
Hexachloroethane				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Isophorone				0.16	U	0.15	U	0.15	U	0.16	U	0.15	U
Naphthalene	12	100	12	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Nitrobenzene				0.16	U	0.15	U	0.15	U	0.15	U	0.15	U
NDPA/DPA				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Butyl benzyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-butylphthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Di-n-octylphthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Diethyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dimethyl phthalate				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzo(a)anthracene	1	1	1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	22	1	1	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	1	3.9	1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	107	100	100	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Anthracene	1000	100	100	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	1000	100	100	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Fluorene	386	100	30	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Phenanthrene	1000	100	100	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Pyrene	1000	100	100	0.1	U	0.1	U	0.025	J	0.1	U	0.1	U
Biphenyl				0.4	U	0.38	U	0.39	U	0.39	U	0.39	U
4-Chloroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
4-Nitroaniline				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Dibenzofuran	210	59	7	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylnaphthalene				0.21	U	0.2	U	0.2	U	0.21	U	0.2	U
1,2,4,5-Tetrachlorobenzene				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Acetophenone				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
n-Nitrosodimethylamine				0.35	U	0.34	U	0.34	U	0.34	U	0.34	U
2,4,6-Trichlorophenol				0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
p-Chloro-m-cresol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Chlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,4-Dichlorophenol				0.16	U	0.15	U	0.15	U	0.15	U	0.15	U
2,4-Dimethylphenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Nitrophenol				0.38	U	0.36	U	0.37	U	0.37	U	0.37	U
4-Nitrophenol				0.24	U	0.23	U	0.24	U	0.24	U	0.24	U
2,4-Dinitrophenol				0.84	U	0.8	U	0.82	U	0.83	U	0.82	U
4,6-Dinitro-o-cresol				0.45	U	0.44	U	0.44	U	0.45	U	0.44	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.13	U	0.14	U	0.14	U	0.14	U
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.24	U	0.25	U	0.25	U	0.24	U
2,4,5-Trichlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Benzoic Acid				0.56	U	0.54	U	0.55	U	0.56	U	0.56	U
Benzyl Alcohol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-64		EP-65		EP-66		EP-67		EP-68		EP-69		EP-70		EP-70 DUP		EP-71		EP-72	
				10/25/2017		10/25/2017		12/19/2017		10/25/2017		10/25/2017		12/19/2017		10/27/2017		10/27/2017		10/27/2017		12/19/2017	
				L1738986-01		L1738986-02		L1746748-05		L1738986-04		L1738986-03		L1746748-04		L1739193-03		L1739193-04		L1739193-05		L1746748-03	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Atrazine				0.14	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Benzaldehyde				0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.22	U	0.23	U	0.23	U	0.22	U	0.22	U
Caprolactam				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
2,3,4,6-Tetrachlorophenol				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Total Metals																							
Aluminum, Total				3570		1880		2680		2850		3300		2710		3100		3740		2660		1940	
Antimony, Total				4.08	U	4.05	U	4.08	U	4.01	U	4.03	U	4.06	U	4.03	U	4.19	U	3.97	U	4.18	U
Arsenic, Total	16	16	13	2.44		1.3		0.653	J	0.971		1.44		0.787	J	1.09		1.32		0.993		0.769	J
Barium, Total	820	400	350	21.3		14.1		16		13.7		20.2		14.5		34.9		30.3		17.6		10.1	
Beryllium, Total	47	72	7.2	0.253	J	0.178	J	0.18	J	0.152	J	0.242	J	0.162	J	0.21	J	0.243	J	0.183	J	0.109	J
Cadmium, Total	7.5	4.3	2.5	0.237	J	0.186	J	0.816	U	0.104	J	0.242	J	0.812	U	0.202	J	0.201	J	0.143	J	0.835	U
Calcium, Total				463		365		2660		892		446		447		291		289		310		197	
Chromium, Total				14.7		6.85		7.66		7.54		11		7.8		11.8		11.4		8.02		5.74	
Cobalt, Total				4.99		2.62		3.77		2.82		5.03		2.89		3.99		3.98		3.45		2.26	
Copper, Total	1720	270	50	13.3		6.83		8.5		7.37		10.6		6.23		7.19		7.54		7.28		4.49	
Iron, Total				16200		13700		9590		7200		17200		9540		13000		14900		8950		6830	
Lead, Total	450	400	63	3.24	J	2.05	J	3.81	J	2.98	J	3.64	J	3.56	J	2.37	J	2.53	J	2.4	J	2.17	J
Magnesium, Total				1520		789		1090		1710		2340		1090		964		1020		871		770	
Manganese, Total	2000	2000	1600	374		257		291		137		366		210		348		351		288		119	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.07	U	0.03	J	0.07	U	0.07	U	0.03	J	0.02	J	0.02	J	0.07	U	0.07	U
Nickel, Total	130	310	30	8.87		4.81		6.78		9.77		15.2		6.48		6.92		6.83		7.08		4.57	
Potassium, Total				436		282		497		439		495		420		512		568		344		311	
Selenium, Total	4	180	3.9	0.343	J	0.292	J	1.63	U	0.217	J	0.331	J	1.62	U	0.484	J	0.52	J	0.334	J	1.67	U
Silver, Total	8.3	180	2	0.817	U	0.81	U	0.816	U	0.802	U	0.806	U	0.812	U	0.806	U	0.839	U	0.794	U	0.835	U
Sodium, Total				82.2	U	155	J	66.1	J	84.4	J	298		88.1	J	82.7	J	88.8	J	78.4	J	200	
Thallium, Total				0.286	J	1.62	U	1.63	U	1.6	U	1.61	U	0.268	J	1.61	U	1.68	U	1.59	U	1.67	U
Vanadium, Total				23.2		14		10.6		10.6		18.8		13.1		15		17.6		11.1		9.32	
Zinc, Total	2480	10000	109	16.9		12.2		14.9		13.6		18.6		13		14		15.5		14.6		10.5	
Volatile Organics by 8260/5035																							
1,3-Dichloropropene, Total				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
1,1-Dichloroethane	0.27	26	0.27	0.0012	U	0.0014	U	0.0014	U	0.003	U	0.006	U	0.0014	U	0.0016	U	0.0016	U	0.0013	U	0.0013	U
Chloroform	0.37	49	0.37	0.0012	U	0.0014	U	0.0014	U	0.003	U	0.006	U	0.0014	U	0.0016	U	0.0016	U	0.0013	U	0.0013	U
Carbon tetrachloride	0.76	2.4	0.76	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,2-Dichloropropane				0.0028	U	0.0033	U	0.0032	U	0.0069	U	0.014	U	0.0032	U	0.0037	U	0.0037	U	0.0031	U	0.0031	U
Dibromochloromethane				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,1,2-Trichloroethane				0.0012	U	0.0014	U	0.0014	U	0.003	U	0.006	U	0.0014	U	0.0016	U	0.0016	U	0.0013	U	0.0013	U
Tetrachloroethene	1.3	19	1.3	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Chlorobenzene	1.1	100	1.1	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Trichlorofluoromethane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,1,1-Trichloroethane	0.68	100	0.68	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Bromodichloromethane				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
trans-1,3-Dichloropropene				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
cis-1,3-Dichloropropene				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,1-Dichloropropene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Bromoform				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U
1,1,2,2-Tetrachloroethane				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Benzene	0.06	4.8	0.06	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Toluene	0.7	100	0.7	0.0012	U	0.0014	U	0.0014	U	0.003	U	0.006	U	0.0014	U	0.0016	U	0.0016	U	0.0013	U	0.0013	U
Ethylbenzene	1	41	1	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Chloromethane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Bromomethane				0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
Vinyl chloride	0.02	0.9	0.02	0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
Chloroethane				0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
1,1-Dichloroethene	0.33	100	0.33	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-64		EP-65		EP-66		EP-67		EP-68		EP-69		EP-70		EP-70 DUP		EP-71		EP-72	
				10/25/2017		10/25/2017		12/19/2017		10/25/2017		10/25/2017		12/19/2017		10/27/2017		10/27/2017		10/27/2017		12/19/2017	
				L1738986-01		L1738986-02		L1746748-05		L1738986-04		L1738986-03		L1746748-04		L1739193-03		L1739193-04		L1739193-05		L1746748-03	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0012	U	0.0014	U	0.0014	U	0.003	U	0.006	U	0.0014	U	0.0016	U	0.0016	U	0.0013	U	0.0013	U
Trichloroethene	0.47	21	0.47	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,2-Dichlorobenzene	1.1	100	1.1	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,3-Dichlorobenzene	2.4	49	2.4	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,4-Dichlorobenzene	1.8	13	1.8	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Methyl tert butyl ether	0.93	100	0.93	0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
p-m-Xylene				0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
o-Xylene				0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Dibromomethane				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
Styrene				0.0016	U	0.0019	U	0.0018	U	0.004	U	0.008	U	0.0018	U	0.0021	U	0.0021	U	0.0018	U	0.0018	U
Dichlorodifluoromethane				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
Acetone*	0.05	100	0.05	0.008	U	0.0046	J	0.007	J	0.02	U	0.027	J	0.0029	J	0.011	U	0.0035	J	0.0068	J	0.004	J
Carbon disulfide				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.0012	J	0.0012	J	0.001	J	0.0089	U
2-Butanone	0.12	100	0.12	0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
Vinyl acetate				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
4-Methyl-2-pentanone				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
1,2,3-Trichloropropane				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
2-Hexanone				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
Bromochloromethane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
2,2-Dichloropropane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,2-Dibromoethane				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U
1,3-Dichloropropane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,1,1,2-Tetrachloroethane				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Bromobenzene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
n-Butylbenzene	12	100	12	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
sec-Butylbenzene	11	100	11	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
tert-Butylbenzene	5.9	100	5.9	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
o-Chlorotoluene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
p-Chlorotoluene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,2-Dibromo-3-chloropropane				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Hexachlorobutadiene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Isopropylbenzene				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
p-Isopropyltoluene				0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
Naphthalene	12	100	12	0.004	U	0.00014	J	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Acrylonitrile				0.008	U	0.0094	U	0.0092	U	0.02	U	0.04	U	0.0092	U	0.011	U	0.01	U	0.009	U	0.0089	U
Tert-Butyl Alcohol				0.048	U	0.056	U	0.055	U	0.12	U	0.24	U	0.055	U	0.064	U	0.0043	J	0.054	U	0.053	U
n-Propylbenzene	3.9	100	3.9	0.0008	U	0.00094	U	0.00092	U	0.002	U	0.004	U	0.00092	U	0.0011	U	0.001	U	0.0009	U	0.00089	U
1,2,3-Trichlorobenzene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,2,4-Trichlorobenzene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Methyl Acetate				0.016	U	0.019	U	0.018	U	0.04	U	0.08	U	0.018	U	0.021	U	0.021	U	0.018	U	0.018	U
Acrolein				0.02	U	0.023	U	0.023	U	0.05	U	0.1	U	0.023	U	0.027	U	0.026	U	0.022	U	0.022	U
Cyclohexane				0.016	U	0.019	U	0.018	U	0.04	U	0.08	U	0.018	U	0.021	U	0.021	U	0.018	U	0.018	U
1,4-Dioxane	0.1	13	0.1	0.032	U	0.038	U	0.037	U	0.079	U	0.16	U	0.037	U	0.043	U	0.042	U	0.036	U	0.035	U
Freon-113				0.016	U	0.019	U	0.018	U	0.04	U	0.08	U	0.018	U	0.021	U	0.021	U	0.018	U	0.018	U
p-Diethylbenzene				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U
p-Ethyltoluene				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U
1,2,4,5-Tetramethylbenzene				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U
Ethyl ether				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
trans-1,4-Dichloro-2-butene				0.004	U	0.0047	U	0.0046	U	0.0099	U	0.02	U	0.0046	U	0.0054	U	0.0053	U	0.0045	U	0.0044	U
Methyl cyclohexane				0.0032	U	0.0038	U	0.0037	U	0.0079	U	0.016	U	0.0037	U	0.0043	U	0.0042	U	0.0036	U	0.0035	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-73 10/27/2017 L1739193-07	EP-74 10/27/2017 L1739193-06	EP-75 12/19/2017 L1746748-02	EP-76 10/27/2017 L1739193-02	EP-77 11/14/2017 L1741798-03	EP-78(2)-SW 12/28/2017 L1747786-03	EP-79 11/14/2017 L1741798-04	EP-80 11/14/2017 L1741798-05	EP-81 (3) 1/10/2018 L1800738-01	EP-82 4/18/2018 L1813603-02
LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	0.181	U	-	0.173
2,4,5-T				-	-	-	-	-	-	0.181	U	-	0.173
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	0.181	U	-	0.173
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				96.6		95.2		93.8		91.3		92	95.2
Cyanide, Total	40	27	27	1	U	1	U	1	U	1.1	U	1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Lindane	0.1	1.3	0.1	0.000684	U	0.000666	U	0.000698	U	0.00071	U	0.00068	U
Alpha-BHC	0.02	0.48	0.02	0.000684	U	0.000666	U	0.000698	U	0.00071	U	0.00068	U
Beta-BHC	0.09	0.36	0.036	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Heptachlor	0.38	2.1	0.042	0.000398	J	0.000404	J	0.000838	U	0.000828	U	0.000816	U
Aldrin	0.19	0.097	0.005	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Heptachlor epoxide				0.00308	U	0.003	U	0.00314	U	0.00319	U	0.00315	U
Endrin	0.06	11	0.014	0.000684	U	0.000666	U	0.000698	U	0.00071	U	0.00068	U
Endrin aldehyde				0.00205	U	0.002	U	0.00209	U	0.00213	U	0.0021	U
Endrin ketone				0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Dieldrin	0.1	0.2	0.005	0.00102	U	0.000998	U	0.00105	U	0.00104	U	0.00106	U
4,4'-DDE	17	8.9	0.0033	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
4,4'-DDD	14	13	0.0033	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
4,4'-DDT	136	7.9	0.0033	0.00308	U	0.003	U	0.00314	U	0.00319	U	0.00315	U
Endosulfan I	102	24	2.4	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Endosulfan II	102	24	2.4	0.00164	U	0.0016	U	0.00168	U	0.0017	U	0.00168	U
Endosulfan sulfate	1000	24	2.4	0.000684	U	0.000666	U	0.000698	U	0.00071	U	0.00068	U
Methoxychlor				0.00308	U	0.003	U	0.00314	U	0.00319	U	0.00315	U
Toxaphene				0.0308	U	0.03	U	0.0314	U	0.0319	U	0.0315	U
cis-Chlordane	2.9	4.2	0.094	0.00205	U	0.002	U	0.00209	U	0.00213	U	0.0021	U
trans-Chlordane				0.00205	U	0.002	U	0.00209	U	0.00213	U	0.0021	U
Chlordane				0.0133	U	0.013	U	0.0136	U	0.0135	U	0.0138	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1221	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1232	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1242	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1248	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1254	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1260	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1262	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Aroclor 1268	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
PCBs, Total	3.2	1	0.1	0.0333	U	0.034	U	0.0351	U	0.0343	U	0.0358	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	0.17
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	0.17
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	0.17
Acenaphthene	98	100	20	0.14	U	0.14	U	0.14	U	0.15	U	0.14	0.087
Benidine				0.56	U	0.56	U	0.57	U	0.58	U	0.61	-
1,2,4-Trichlorobenzene				0.17	U	0.17	U	0.17	U	0.18	U	0.18	0.17
Hexachlorobenzene	3.2	1.2	0.33	0.1	U	0.1	U	0.1	U	0.11	U	0.11	0.1
Bis(2-chloroethyl)ether				0.15	U	0.15	U	0.16	U	0.16	U	0.16	0.16
2-Chloronaphthalene				0.17	U	0.17	U	0.17	U	0.18	U	0.18	0.17
3,3'-Dichlorobenzidine				0.17	U	0.17	U	0.17	U	0.18	U	0.18	0.17
2,4-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.18	U	0.18	0.17
2,6-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.18	U	0.18	0.17

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SAMPLING DATE				10/27/2017	10/27/2017	12/19/2017	10/27/2017	11/14/2017	12/28/2017	11/14/2017	11/14/2017	1/10/2018	4/18/2018
LAB SAMPLE ID				L1739193-07	L1739193-06	L1746748-02	L1739193-02	L1741798-03	L1747786-03	L1741798-04	L1741798-05	L1800738-01	L1813603-02
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Fluoranthene	1000	100	100	0.1	U	0.1	U	0.11	U	0.11	U	0.032	J
4-Chlorophenyl phenyl ether				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
4-Bromophenyl phenyl ether				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Bis(2-chloroisopropyl)ether				0.2	U	0.2	U	0.21	U	0.22	U	0.22	U
Bis(2-chloroethoxy)methane				0.18	U	0.18	U	0.19	U	0.2	U	0.19	U
Hexachlorobutadiene				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene				0.49	U	0.49	U	0.5	U	0.52	U	0.5	U
Hexachloroethane				0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Isophorone				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
Naphthalene	12	100	12	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Nitrobenzene				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
NDPA/DPA				0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Bis(2-ethylhexyl)phthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Butyl benzyl phthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Di-n-butylphthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Di-n-octylphthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Diethyl phthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Dimethyl phthalate				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Benzo(a)anthracene	1	1	1	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Benzo(a)pyrene	22	1	1	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Chrysene	1	3.9	1	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Acenaphthylene	107	100	100	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Anthracene	1000	100	100	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Benzo(ghi)perylene	1000	100	100	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Fluorene	386	100	30	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Phenanthrene	1000	100	100	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Pyrene	1000	100	100	0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
Biphenyl				0.39	U	0.39	U	0.4	U	0.42	U	0.41	U
4-Chloroaniline				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2-Nitroaniline				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
3-Nitroaniline				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
4-Nitroaniline				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Dibenzofuran	210	59	7	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene				0.2	U	0.2	U	0.21	U	0.22	U	0.21	U
1,2,4,5-Tetrachlorobenzene				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Acetophenone				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
n-Nitrosodimethylamine				0.34	U	0.34	U	0.35	U	0.37	U	0.36	U
2,4,6-Trichlorophenol				0.1	U	0.1	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2-Chlorophenol				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2,4-Dichlorophenol				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2-Nitrophenol				0.37	U	0.37	U	0.38	U	0.4	U	0.39	U
4-Nitrophenol				0.24	U	0.24	U	0.24	U	0.25	U	0.24	U
2,4-Dinitrophenol				0.82	U	0.82	U	0.83	U	0.85	U	0.87	U
4,6-Dinitro-o-cresol				0.44	U	0.44	U	0.45	U	0.46	U	0.45	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.25	U	0.25	U	0.25	U	0.26	U	0.26	U
2,4,5-Trichlorophenol				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Benzoic Acid				0.55	U	0.55	U	0.56	U	0.59	U	0.55	U
Benzyl Alcohol				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U

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SAMPLING DATE													
LAB SAMPLE ID													
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbazole				0.17	U	0.17	U	0.18	U	0.18	U	0.18	U
Atrazine				0.14	U	0.14	U	0.14	U	0.15	U	0.14	U
Benzaldehyde				0.22	U	0.23	U	0.23	U	0.24	U	0.22	U
Caprolactam				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2,3,4,6-Tetrachlorophenol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Total Metals													
Aluminum, Total				2810		4620		3420		5500		5720	
Antimony, Total				4.06	U	4.02	U	4.12	U	4.34	U	4.22	U
Arsenic, Total	16	16	13	1.18		1.37		0.767	J	2.1		1.23	
Barium, Total	820	400	350	15.3		32.1		15.6		22.8		41.2	
Beryllium, Total	47	72	7.2	0.186	J	0.282	J	0.248	J	0.31	J	0.4	J
Cadmium, Total	7.5	4.3	2.5	0.122	J	0.169	J	0.825	U	0.209	J	0.678	J
Calcium, Total				188		493		370		790		537	
Chromium, Total				8.02		13.9		11.5		13.3		16.3	
Cobalt, Total				3.49		4.37		3.92		5.67		6.38	
Copper, Total	1720	270	50	6.77		9.86		10.2		11.6		17.6	
Iron, Total				8300		11500		14800		19100		16400	
Lead, Total	450	400	63	2.98	J	3.26	J	9.17		24.8		13.1	
Magnesium, Total				919		1630		1200		1340		1300	
Manganese, Total	2000	2000	1600	227		302		330		364		362	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.01	J	0.04	J	0.02	J	0.07	U
Nickel, Total	130	310	30	7.07		9.6		7.82		10.3		9.4	
Potassium, Total				362		769		469		612		690	
Selenium, Total	4	180	3.9	0.268	J	0.322	J	1.65	U	0.569	J	0.287	J
Silver, Total	8.3	180	2	0.811	U	0.805	U	0.825	U	0.837	U	0.869	U
Sodium, Total				255		107	J	462		139	J	40.2	J
Thallium, Total				1.62	U	1.61	U	1.65	U	1.67	U	1.74	U
Vanadium, Total				12		18.5		15.1		22.3		26	
Zinc, Total	2480	10000	109	12.9		18		22.1		25.2		24.3	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U
1,1-Dichloroethane	0.27	26	0.27	0.0012	U	0.0012	U	0.0017	U	0.0011	U	0.0012	U
Chloroform	0.37	49	0.37	0.0012	U	0.0012	U	0.0017	U	0.0011	U	0.0012	U
Carbon tetrachloride	0.76	2.4	0.76	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
1,2-Dichloropropane				0.0029	U	0.0027	U	0.0039	U	0.0026	U	0.0029	U
Dibromochloromethane				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
1,1,2-Trichloroethane				0.0012	U	0.0012	U	0.0017	U	0.0011	U	0.0012	U
Tetrachloroethene	1.3	19	1.3	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Chlorobenzene	1.1	100	1.1	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Trichlorofluoromethane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U
1,2-Dichloroethane	0.02	3.1	0.02	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Bromodichloromethane				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
trans-1,3-Dichloropropene				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
cis-1,3-Dichloropropene				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
1,1-Dichloropropene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U
Bromoform				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U
1,1,2,2-Tetrachloroethane				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Benzene	0.06	4.8	0.06	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Toluene	0.7	100	0.7	0.0012	U	0.0012	U	0.0017	U	0.0011	U	0.0012	U
Ethylbenzene	1	41	1	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U
Chloromethane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U
Bromomethane				0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U
Vinyl chloride	0.02	0.9	0.02	0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U
Chloroethane				0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U
1,1-Dichloroethene	0.33	100	0.33	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-73		EP-74		EP-75		EP-76		EP-77		EP-78(2)-SW		EP-79		EP-80		EP-81 (3)		EP-82	
				10/27/2017		10/27/2017		12/19/2017		10/27/2017		11/14/2017		12/28/2017		11/14/2017		11/14/2017		1/10/2018		4/18/2018	
				L1739193-07		L1739193-06		L1746748-02		L1739193-02		L1741798-03		L1747786-03		L1741798-04		L1741798-05		L1800738-01		L1813603-02	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0012	U	0.0012	U	0.0017	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.0016	U	0.0013	U	0.0017	U
Trichloroethene	0.47	21	0.47	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
Methyl tert butyl ether	0.93	100	0.93	0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U	0.002	U	0.0022	U	0.0021	U	0.0018	U	0.0022	U
p/m-Xylene				0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U	0.002	U	0.0022	U	0.0021	U	0.0018	U	0.0022	U
o-Xylene				0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U	0.002	U	0.0022	U	0.0021	U	0.0018	U	0.0022	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
Dibromomethane				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
Styrene				0.0017	U	0.0015	U	0.0022	U	0.0015	U	0.0017	U	0.002	U	0.0022	U	0.0021	U	0.0018	U	0.0022	U
Dichlorodifluoromethane				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
Acetone*	0.05	100	0.05	0.013		0.015		0.034		0.0065	J	0.01		0.027		0.0071	J	0.024		0.0088	U	0.047	
Carbon disulfide				0.00097	J	0.00091	J	0.011	U	0.00088	J	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
2-Butanone	0.12	100	0.12	0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.003	J	0.011	U	0.01	U	0.0088	U	0.011	U
Vinyl acetate				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
4-Methyl-2-pentanone				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
1,2,3-Trichloropropane				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
2-Hexanone				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
Bromochloromethane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
2,2-Dichloropropane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,2-Dibromoethane				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U	0.0039	U	0.0044	U	0.0042	U	0.0035	U	0.0045	U
1,3-Dichloropropane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,1,1,2-Tetrachloroethane				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
Bromobenzene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
n-Butylbenzene	12	100	12	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00027	J	0.0011	U	0.001	U	0.00088	U	0.0011	U
sec-Butylbenzene	11	100	11	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
tert-Butylbenzene	5.9	100	5.9	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
o-Chlorotoluene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
p-Chlorotoluene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,2-Dibromo-3-chloropropane				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
Hexachlorobutadiene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
Isopropylbenzene				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
p-Isopropyltoluene				0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0005	J
Naphthalene	12	100	12	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0018	J	0.0055	U	0.0052	U	0.0044	U	0.0065	J
Acrylonitrile				0.0083	U	0.0077	U	0.011	U	0.0076	U	0.0084	U	0.0098	U	0.011	U	0.01	U	0.0088	U	0.011	U
Tert-Butyl Alcohol				0.05	U	0.046	U	0.0075	J	0.045	U	0.05	U	0.0092	J	0.066	U	0.063	U	0.052	U	-	-
n-Propylbenzene	3.9	100	3.9	0.00083	U	0.00077	U	0.0011	U	0.00076	U	0.00084	U	0.00098	U	0.0011	U	0.001	U	0.00088	U	0.0011	U
1,2,3-Trichlorobenzene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,2,4-Trichlorobenzene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.00026	J	0.0055	U	0.0052	U	0.0044	U	0.0003	J
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.00074	J	0.0055	U	0.0052	U	0.0044	U	0.00072	J
Methyl Acetate				0.017	U	0.015	U	0.022	U	0.015	U	0.017	U	0.02	U	0.022	U	0.021	U	0.018	U	-	-
Acrolein				0.021	U	0.019	U	0.028	U	0.019	U	0.021	U	0.024	U	0.028	U	0.026	U	0.022	U	-	-
Cyclohexane				0.017	U	0.015	U	0.022	U	0.015	U	0.017	U	0.02	U	0.022	U	0.021	U	0.018	U	-	-
1,4-Dioxane	0.1	13	0.1	0.033	U	0.031	U	0.044	U	0.03	U	0.034	U	0.039	U	0.044	U	0.042	U	0.035	U	0.045	U
Freon-113				0.017	U	0.015	U	0.022	U	0.015	U	0.017	U	0.02	U	0.022	U	0.021	U	0.018	U	-	-
p-Diethylbenzene				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U	0.0039	U	0.0044	U	0.0042	U	0.0035	U	0.005	
p-Ethyltoluene				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U	0.00032	J	0.0044	U	0.0042	U	0.0035	U	0.00026	J
1,2,4,5-Tetramethylbenzene				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U	0.0011	J	0.0044	U	0.0042	U	0.0035	U	0.0043	J
Ethyl ether				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
trans-1,4-Dichloro-2-butene				0.0042	U	0.0039	U	0.0056	U	0.0038	U	0.0042	U	0.0049	U	0.0055	U	0.0052	U	0.0044	U	0.0056	U
Methyl cyclohexane				0.0033	U	0.0031	U	0.0044	U	0.003	U	0.0034	U	0.0039	U	0.0044	U	0.0042	U	0.0035	U	-	-

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-83 3/19/2018 1.1809267-07	EP-84 3/19/2018 1.1809267-08	EP-85 RESAMPLE (DEEP) 6/12/2018 1.1821828-07	EP-86 3/19/2018 1.1809267-09	EP-87 3/19/2018 1.1809267-10	EP-88 4/18/2018 1.1813603-01	EP-89 RESAMPLE AFTER EXCAVATION 6/15/2018 1.1822572-01	EP-90 3/22/2018 1.1809827-05	EP-DUP 3/22/2018 1.1809827-06	
SAMPLING DATE LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D				0.171	U	0.171	U	-	-	0.18	U	0.173	U
2,4,5-T				0.171	U	0.171	U	-	-	0.18	U	0.173	U
2,4,5-TP (Silvex)	3.8	100	3.8	0.171	U	0.171	U	-	-	0.18	U	0.173	U
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				96		96.8		96.2		92.4		94.9	
Cyanide, Total	40	27	27	1	U	0.96	U	1	U	1	U	1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Lindane	0.1	1.3	0.1	0.000681	U	0.000658	U	0.000675	U	0.000704	U	0.000694	U
Alpha-BHC	0.02	0.48	0.02	0.000681	U	0.000658	U	0.000675	U	0.000694	U	0.000687	U
Beta-BHC	0.09	0.36	0.036	0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Heptachlor	0.38	2.1	0.042	0.000818	U	0.00079	U	0.00081	U	0.000844	U	0.000833	U
Aldrin	0.19	0.097	0.005	0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Heptachlor epoxide				0.00306	U	0.00296	U	0.00304	U	0.00317	U	0.00312	U
Endrin	0.06	11	0.014	0.000681	U	0.000658	U	0.000675	U	0.000704	U	0.000694	U
Endrin aldehyde				0.00204	U	0.00198	U	0.00202	U	0.00211	U	0.00208	U
Endrin ketone				0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Dieldrin	0.1	0.2	0.005	0.00102	U	0.000988	U	0.00101	U	0.00106	U	0.00104	U
4,4'-DDE	17	8.9	0.0033	0.00164	U	0.000429	J	0.00162	U	0.000565	J	0.00167	U
4,4'-DDD	14	13	0.0033	0.00164	U	0.00158	U	0.000662	J	0.00203	U	0.00167	U
4,4'-DDT	136	7.9	0.0033	0.00306	U	0.00296	U	0.00304	U	0.00197	J	0.00312	U
Endosulfan I	102	24	2.4	0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Endosulfan II	102	24	2.4	0.00164	U	0.00158	U	0.00162	U	0.00169	U	0.00167	U
Endosulfan sulfate	1000	24	2.4	0.000681	U	0.000658	U	0.000675	U	0.000704	U	0.000694	U
Methoxychlor				0.00306	U	0.00296	U	0.00304	U	0.00317	U	0.00312	U
Toxaphene				0.0306	U	0.0296	U	0.0304	U	0.0317	U	0.0312	U
cis-Chlordane	2.9	4.2	0.094	0.00204	U	0.00198	U	0.00202	U	0.00211	U	0.00208	U
trans-Chlordane				0.00204	U	0.00198	U	0.00202	U	0.00211	U	0.00208	U
Chlordane				0.0133	U	0.0128	U	0.0132	U	0.0137	U	0.0135	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1221	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1232	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1242	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1248	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1254	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.00297	J	0.0338	U
Aroclor 1260	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1262	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
Aroclor 1268	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.0357	U	0.0338	U
PCBs, Total	3.2	1	0.1	0.0326	U	0.0338	U	0.034	U	0.00297	J	0.0338	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	0.17	U	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	0.17	U	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	0.17	U	-	-
Acenaphthene	98	100	20	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Benidine				0.56	U	0.56	U	0.57	U	0.59	U	0.58	U
1,2,4-Trichlorobenzene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Hexachlorobenzene	3.2	1.2	0.33	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
2-Chloronaphthalene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
3,3'-Dichlorobenzidine				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2,4-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2,6-Dinitrotoluene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U

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553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-83 3/19/2018 L1809267-07	EP-84 3/19/2018 L1809267-08	EP-85 RESAMPLE (DEEP) 6/12/2018 L1821828-07	EP-86 3/19/2018 L1809267-09	EP-87 3/19/2018 L1809267-10	EP-88 4/18/2018 L1813603-01	EP-89 RESAMPLE AFTER EXCAVATION 6/15/2018 L1822572-01	EP-90 3/22/2018 L1809827-05	EP-DUP 3/22/2018 L1809827-06	
SAMPLING DATE LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Azobenzene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Fluoranthene	1000	100	100	0.1	U	0.1	U	0.1	U	0.054	J	0.1	U
4-Chlorophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
4-Bromophenyl phenyl ether				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Bis(2-chloroisopropyl)ether				0.2	U	0.2	U	0.21	U	0.21	U	0.21	U
Bis(2-chloroethoxy)methane				0.18	U	0.18	U	0.19	U	0.19	U	0.19	U
Hexachlorobutadiene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Hexachlorocyclopentadiene				0.48	U	0.49	U	0.49	U	0.51	U	0.5	U
Hexachloroethane				0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Isophorone				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
Naphthalene	12	100	12	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Nitrobenzene				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
NDPA/DPA				0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Bis(2-ethylhexyl)phthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Butyl benzyl phthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Di-n-butylphthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Di-n-octylphthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Diethyl phthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Dimethyl phthalate				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Benzo(a)anthracene	1	1	1	0.1	U	0.1	U	0.1	U	0.033	J	0.1	U
Benzo(a)pyrene	22	1	1	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.1	U	0.1	U	0.1	U	0.043	J	0.1	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
Chrysene	1	3.9	1	0.1	U	0.1	U	0.1	U	0.031	J	0.1	U
Acenaphthylene	107	100	100	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Anthracene	1000	100	100	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
Benzo(ghi)perylene	1000	100	100	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Fluorene	386	100	30	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Phenanthrene	1000	100	100	0.1	U	0.1	U	0.1	U	0.035	J	0.1	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Pyrene	1000	100	100	0.1	U	0.1	U	0.1	U	0.062	J	0.1	U
Biphenyl				0.38	U	0.39	U	0.39	U	0.4	U	0.39	U
4-Chloroaniline				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2-Nitroaniline				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
3-Nitroaniline				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
4-Nitroaniline				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Dibenzofuran	210	59	7	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2-Methylnaphthalene				0.2	U	0.2	U	0.21	U	0.21	U	0.21	U
1,2,4,5-Tetrachlorobenzene				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Acetophenone				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
n-Nitrosodimethylamine				0.34	U	0.34	U	0.34	U	0.35	U	-	-
2,4,6-Trichlorophenol				0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
p-Chloro-m-cresol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2-Chlorophenol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2,4-Dichlorophenol				0.15	U	0.15	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2-Nitrophenol				0.36	U	0.37	U	0.37	U	0.38	U	0.37	U
4-Nitrophenol				0.24	U	0.24	U	0.24	U	0.25	U	0.24	U
2,4-Dinitrophenol				0.81	U	0.82	U	0.83	U	0.84	U	0.83	U
4,6-Dinitro-o-cresol				0.44	U	0.44	U	0.45	U	0.46	U	0.45	U
Pentachlorophenol	0.8	6.7	0.8	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U
Phenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2-Methylphenol	0.33	100	0.33	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.24	U	0.25	U	0.25	U	0.26	U	0.25	U
2,4,5-Trichlorophenol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
Benzoic Acid				0.54	U	0.55	U	0.56	U	0.58	U	0.57	U
Benzyl Alcohol				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-83 3/19/2018 L1809267-07	EP-84 3/19/2018 L1809267-08	EP-85 RESAMPLE (DEEP) 6/12/2018 L1821828-07	EP-86 3/19/2018 L1809267-09	EP-87 3/19/2018 L1809267-10	EP-88 4/18/2018 L1813603-01	EP-89 RESAMPLE AFTER EXCAVATION 6/15/2018 L1822572-01	EP-90 3/22/2018 L1809827-05	EP-DUP 3/22/2018 L1809827-06	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Carbazole				0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Atrazine				0.13	U	0.14	U	0.14	U	-	-	0.14	U
Benzaldehyde				0.22	U	0.22	U	0.23	U	0.23	-	0.23	U
Caprolactam				0.17	U	0.17	U	0.17	U	0.18	U	0.17	U
2,3,4,6-Tetrachlorophenol				0.17	U	0.17	U	0.17	U	-	-	0.17	U
Total Metals													
Aluminum, Total				2710		4250		4700		3630		2690	
Antimony, Total				4.03	U	3.98	U	3.94	U	4.07	U	0.362	J
Arsenic, Total	16	16	13	0.725	J	0.94		1.44		1.17		0.791	J
Barium, Total	820	400	350	17.3		25.6		28.4		23.9		20.1	
Beryllium, Total	47	72	7.2	0.169	J	0.207	J	0.22	J	0.254	J	0.143	J
Cadmium, Total	7.5	4.3	2.5	0.193	J	0.231	J	0.788	U	0.291	J	0.842	U
Calcium, Total				643		638		743		865		724	
Chromium, Total				6.23		10.1		13.2		11.1		7.33	
Cobalt, Total				3.08		4.03		5.72		4.15		3.06	
Copper, Total	1720	270	50	7.4		8.84		15.1		10.7		7.21	
Iron, Total				10800		12700		15600		17100		8090	
Lead, Total	450	400	63	2.5	J	5.85		4.34		7.1		1.88	J
Magnesium, Total				1100		1120		1340		1490		1190	
Manganese, Total	2000	2000	1600	307		242		344		361		186	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.03	J	0.065	U	0.09		0.066	U
Nickel, Total	130	310	30	7.14		6.48		8.88		8.74		7.14	
Potassium, Total				495		693		904		708		634	
Selenium, Total	4	180	3.9	0.29	J	0.326	J	0.457	J	0.482	J	1.63	U
Silver, Total	8.3	180	2	0.806	U	0.796	U	0.788	U	0.831	U	0.842	U
Sodium, Total				107	J	106	J	85.5	J	137	J	122	J
Thallium, Total				1.61	U	1.59	U	1.58	U	1.66	U	1.68	U
Vanadium, Total				13.1		20.2		22.7		19.4		11.7	
Zinc, Total	2480	10000	109	12.3		18.4		21.6		22.1		11.3	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	-	-	0.00095	U	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	0.0019	U	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	0.00095	U	-	-
Methylene chloride	0.05	100	0.05	0.01	U	0.0083	U	0.01	U	0.011	U	0.011	U
1,1-Dichloroethane	0.27	26	0.27	0.0015	U	0.0012	U	0.0015	U	0.0017	U	0.0016	U
Chloroform	0.37	49	0.37	0.0015	U	0.0012	U	0.0015	U	0.0017	U	0.0016	U
Carbon tetrachloride	0.76	2.4	0.76	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
1,2-Dichloropropane				0.0036	U	0.0029	U	0.0036	U	0.004	U	0.0033	U
Dibromochloromethane				0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
1,1,2-Trichloroethane				0.0015	U	0.0012	U	0.0015	U	0.0017	U	0.0016	U
Tetrachloroethene	1.3	19	1.3	0.001	U	0.00031	J	0.001	U	0.0011	U	0.001	J
Chlorobenzene	1.1	100	1.1	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
Trichlorofluoromethane				0.0051	U	0.0042	U	0.0051	U	0.0057	U	0.0054	U
1,2-Dichloroethane	0.02	3.1	0.02	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
1,1,1-Trichloroethane	0.68	100	0.68	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
Bromodichloromethane				0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
trans-1,3-Dichloropropene				0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
cis-1,3-Dichloropropene				0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
1,1-Dichloropropene				0.0051	U	0.0042	U	0.0051	U	0.0057	U	0.0054	U
Bromoform				0.0041	U	0.0033	U	0.0041	U	0.0046	U	0.0038	U
1,1,2,2-Tetrachloroethane				0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
Benzene	0.06	4.8	0.06	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
Toluene	0.7	100	0.7	0.0015	U	0.0012	U	0.0015	U	0.0017	U	0.0014	U
Ethylbenzene	1	41	1	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U
Chloromethane				0.0051	U	0.0042	U	0.0051	U	0.0057	U	0.0054	U
Bromomethane				0.002	U	0.0017	U	0.002	U	0.0023	U	0.0019	U
Vinyl chloride	0.02	0.9	0.02	0.002	U	0.0017	U	0.002	U	0.0023	U	0.0019	U
Chloroethane				0.002	U	0.0017	U	0.002	U	0.0023	U	0.0019	U
1,1-Dichloroethene	0.33	100	0.33	0.001	U	0.00083	U	0.001	U	0.0011	U	0.00095	U

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Brooklyn, New York

LOCATION SAMPLING DATE LAB SAMPLE ID	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-83		EP-84		EP-85 RESAMPLE (DEEP)		EP-86		EP-87		EP-88		EP-89 RESAMPLE AFTER EXCAVATION		EP-90		EP-DUP	
				3/19/2018		3/19/2018		6/12/2018		3/19/2018		3/19/2018		4/18/2018		6/15/2018		3/22/2018		3/22/2018	
				L1809267-07		L1809267-08		L1821828-07		L1809267-09		L1809267-10		L1813603-01		L1822572-01		L1809827-05		L1809827-06	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0015	U	0.0012	U	0.0015	U	0.0015	U	0.0017	U	0.0014	U	0.0016	U	0.0016	U	0.0014	U
Trichloroethene	0.47	21	0.47	0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0009	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
Methyl tert butyl ether	0.93	100	0.93	0.002	U	0.0017	U	0.002	U	0.002	U	0.0023	U	0.0019	U	0.0022	U	0.0022	U	0.0018	U
p/m-Xylene				0.002	U	0.0017	U	0.002	U	0.002	U	0.0023	U	0.0019	U	0.0022	U	0.0022	U	0.0018	U
o-Xylene				0.002	U	0.0017	U	0.002	U	0.002	U	0.0023	U	0.0019	U	0.0022	U	0.0022	U	0.0018	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0009	U
Dibromomethane				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
Styrene				0.002	U	0.0017	U	0.002	U	0.002	U	0.0023	U	0.0019	U	0.0022	U	0.0022	U	0.0018	U
Dichlorodifluoromethane				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
Acetone*	0.05	100	0.05	0.0035	J	0.0019	J	0.01	U	0.024	U	0.022	U	0.0059	J	0.011	U	0.013	U	0.011	U
Carbon disulfide				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
2-Butanone	0.12	100	0.12	0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
Vinyl acetate				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
4-Methyl-2-pentanone				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
1,2,3-Trichloropropane				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
2-Hexanone				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
Bromochloromethane				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
2,2-Dichloropropane				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,2-Dibromoethane				0.0041	U	0.0033	U	0.0041	U	0.0041	U	0.0046	U	0.0038	U	0.0043	U	0.0043	U	0.0036	U
1,3-Dichloropropane				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,1,1,2-Tetrachloroethane				0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0009	U
Bromobenzene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
n-Butylbenzene	12	100	12	0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0044	U
sec-Butylbenzene	11	100	11	0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.012	U
tert-Butylbenzene	5.9	100	5.9	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0052	U
o-Chlorotoluene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
p-Chlorotoluene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,2-Dibromo-3-chloropropane				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
Hexachlorobutadiene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
Isopropylbenzene				0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.00088	J
p-Isopropyltoluene				0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0053	U
Naphthalene	12	100	12	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.017	U
Acrylonitrile				0.01	U	0.0083	U	0.01	U	0.01	U	0.011	U	0.0095	U	0.011	U	0.011	U	0.009	U
Tert-Butyl Alcohol				0.061	U	0.05	U	0.061	U	0.061	U	0.069	U	-	-	0.0053	J	0.064	U	0.054	U
n-Propylbenzene	3.9	100	3.9	0.001	U	0.00083	U	0.001	U	0.001	U	0.0011	U	0.00095	U	0.0011	U	0.0011	U	0.0009	U
1,2,3-Trichlorobenzene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,2,4-Trichlorobenzene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0021	J
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.00034	J	0.00068	J
Methyl Acetate				0.02	U	0.017	U	0.02	U	0.02	U	0.023	U	-	-	0.022	U	0.022	U	0.018	U
Acrolein				0.026	U	0.021	U	0.025	U	0.026	U	0.029	U	-	-	0.027	U	0.027	U	0.022	U
Cyclohexane				0.02	U	0.017	U	0.02	U	0.02	U	0.023	U	-	-	0.022	U	0.022	U	0.018	U
1,4-Dioxane	0.1	13	0.1	0.041	U	0.033	U	0.041	U	0.041	U	0.046	U	0.038	U	0.043	U	0.043	U	0.036	U
Freon-113				0.02	U	0.017	U	0.02	U	0.02	U	0.023	U	-	-	0.022	U	0.022	U	0.018	U
p-Diethylbenzene				0.0041	U	0.0033	U	0.0041	U	0.0041	U	0.0046	U	0.0038	U	0.0043	U	0.0043	U	0.064	U
p-Ethyltoluene				0.0041	U	0.0033	U	0.0041	U	0.0041	U	0.0046	U	0.0038	U	0.0043	U	0.0043	U	0.001	J
1,2,4,5-Tetramethylbenzene				0.0041	U	0.0033	U	0.0041	U	0.0041	U	0.0003	J	0.0038	U	0.0043	U	0.0043	U	0.28	E
Ethyl ether				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
trans-1,4-Dichloro-2-butene				0.0051	U	0.0042	U	0.0051	U	0.0051	U	0.0057	U	0.0048	U	0.0054	U	0.0054	U	0.0045	U
Methyl cyclohexane				0.0041	U	0.0033	U	0.0041	U	0.0041	U	0.0046	U	-	-	0.0043	U	0.0043	U	0.0047	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-91 7/20/2018 L1827909-01	EP-92 5/1/2018 L1815400-01	EP-92 5/1/2018 L1815400-01 R1	EP-93 7/20/2018 L1827909-02	EP-94 RESAMPLE 7/24/2018 L1828446-01	EP-95 7/20/2018 L1827909-04	EP-96 7/20/2018 L1827909-05	EP-97 5/4/2018 L1816061-01	EP-98 7/12/2018 L1826479-01	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				90.2		93.9		95.2		79.9		85.9	
Cyanide, Total	40	27	27	1	U	1	U	1	U	1.2	U	1.1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00173	U	0.00162	U	0.00165	U	0.0019	U	0.00168	U
Lindane	0.1	1.3	0.1	0.000723	U	0.000675	U	0.000689	U	0.000793	U	0.000701	U
Alpha-BHC	0.02	0.48	0.02	0.000723	U	0.000675	U	0.000689	U	0.000793	U	0.000701	U
Beta-BHC	0.09	0.36	0.036	0.00173	U	0.00162	U	0.00165	U	0.0019	U	0.00168	U
Heptachlor	0.38	2.1	0.042	0.000867	U	0.00081	U	0.000827	U	0.000951	U	0.000842	U
Aldrin	0.19	0.097	0.005	0.00173	U	0.00162	U	0.00165	U	0.0019	U	0.00168	U
Heptachlor epoxide				0.00325	U	0.00304	U	0.0031	U	0.00357	U	0.00316	U
Endrin	0.06	11	0.014	0.000723	U	0.000675	U	0.000689	U	0.000793	U	0.000701	U
Endrin aldehyde				0.00217	U	0.00202	U	0.00207	U	0.00238	U	0.0021	U
Endrin ketone				0.00173	U	0.00162	U	0.00165	U	0.0019	U	0.00168	U
Dieldrin	0.1	0.2	0.005	0.00108	U	0.00101	U	0.00103	U	0.00119	U	0.00105	U
4,4'-DDE	17	8.9	0.0033	0.000952	J	0.00292		0.00165	U	0.000618	J	0.00261	P
4,4'-DDD	14	13	0.0033	0.0658		0.223	E	0.00165	U	0.0278		0.0877	
4,4'-DDT	136	7.9	0.0033	0.00325	U	0.00304	U	0.0031	U	0.00357	U	0.00284	J
Endosulfan I	102	24	2.4	0.00173	U	0.00162	U	0.00165	U	0.0019	U	0.00168	U
Endosulfan II	102	24	2.4	0.00173	U	0.000581	JPI	0.00165	U	0.0019	U	0.00168	U
Endosulfan sulfate	1000	24	2.4	0.000723	U	0.000675	U	0.000689	U	0.000793	U	0.000701	U
Methoxychlor				0.00325	U	0.00304	U	0.0031	U	0.00357	U	0.00316	U
Toxaphene				0.0325	U	0.0304	U	0.031	U	0.0357	U	0.0316	U
cis-Chlordane	2.9	4.2	0.094	0.00217	U	0.00202	U	0.00207	U	0.00238	U	0.0021	U
trans-Chlordane				0.00217	U	0.00202	U	0.00207	U	0.00238	U	0.0021	U
Chlordane				0.0141	U	0.0132	U	0.0134	U	0.0154	U	0.0137	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1221	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1232	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1242	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1248	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1254	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1260	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1262	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Aroclor 1268	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
PCBs, Total	3.2	1	0.1	0.0356	U	0.035	U	0.0334	U	0.0414	U	0.0353	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.14	U	0.039	J	0.14	U	0.16	U	0.14	U
Benzidine				0.6	U	0.57	U	0.57	U	0.68	U	0.58	U
1,2,4-Trichlorobenzene				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
Hexachlorobenzene	3.2	1.2	0.33	0.11	U	0.1	U	0.1	U	0.12	U	0.11	U
Bis(2-chloroethyl)ether				0.16	U	0.16	U	0.16	U	0.18	U	0.16	U
2-Chloronaphthalene				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
3,3'-Dichlorobenzidine				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2,4-Dinitrotoluene				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2,6-Dinitrotoluene				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Azobenzene				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Fluoranthene	1000	100	100	0.027	J	0.055	J	0.1	U	0.12	U	0.051	J
4-Chlorophenyl phenyl ether				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
4-Bromophenyl phenyl ether				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Bis(2-chloroisopropyl)ether				0.22	U	0.21	U	0.21	U	0.21	U	0.23	U
Bis(2-chloroethoxy)methane				0.2	U	0.19	U	0.19	U	0.19	U	0.21	U
Hexachlorobutadiene				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Hexachlorocyclopentadiene				0.52	U	0.5	U	0.5	U	0.5	U	0.55	U
Hexachloroethane				0.14	U	0.14	U	0.14	U	0.14	U	0.15	U
Isophorone				0.16	U	0.16	U	0.16	U	0.16	U	0.17	U
Naphthalene	12	100	12	0.18	U	0.1	J	0.17	U	0.18	U	0.05	J
Nitrobenzene				0.16	U	0.16	U	0.16	U	0.16	U	0.17	U
NDPA/DPA				0.14	U	0.14	U	0.14	U	0.14	U	0.15	U
n-Nitrosodi-n-propylamine				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Bis(2-ethylhexyl)phthalate				0.18	U	0.073	J	0.17	U	0.18	U	0.17	J
Butyl benzyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Di-n-butylphthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Di-n-octylphthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Diethyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Dimethyl phthalate				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Benzo(a)anthracene	1	1	1	0.026	J	0.046	J	0.1	U	0.07	J	0.042	J
Benzo(a)pyrene	22	1	1	0.14	U	0.065	J	0.14	U	0.16	U	0.12	J
Benzo(b)fluoranthene	1.7	1	1	0.11	U	0.045	J	0.1	U	0.061	J	0.15	U
Benzo(k)fluoranthene	1.7	3.9	0.8	0.11	U	0.1	U	0.1	U	0.11	U	0.042	J
Chrysene	1	3.9	1	0.055	J	0.096	J	0.1	U	0.083	J	0.17	U
Acenaphthylene	107	100	100	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U
Anthracene	1000	100	100	0.11	U	0.044	J	0.1	U	0.11	U	0.06	J
Benzo(ghi)perylene	1000	100	100	0.021	J	0.096	J	0.14	U	0.16	U	0.033	J
Fluorene	386	100	30	0.022	J	0.09	J	0.17	U	0.2	U	0.18	U
Phenanthrene	1000	100	100	0.06	J	0.22	U	0.1	U	0.12	U	0.033	J
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.11	U	0.1	U	0.1	U	0.12	U	0.11	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.14	U	0.032	J	0.14	U	0.16	U	0.027	J
Pyrene	1000	100	100	0.17	U	0.24	U	0.1	U	0.12	U	0.21	U
Biphenyl				0.42	U	0.4	U	0.4	U	0.4	U	0.41	U
4-Chloroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
2-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
3-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
4-Nitroaniline				0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
Dibenzofuran	210	59	7	0.18	U	0.17	U	0.17	U	0.18	U	0.19	U
2-Methylnaphthalene				0.044	J	0.26	U	0.21	U	0.25	U	0.21	U
1,2,4,5-Tetrachlorobenzene				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
Acetophenone				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
n-Nitrosodimethylamine				0.36	U	0.35	U	0.35	U	0.41	U	0.35	U
2,4,6-Trichlorophenol				0.11	U	0.1	U	0.1	U	0.12	U	0.11	U
p-Chloro-m-cresol				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2-Chlorophenol				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2,4-Dichlorophenol				0.16	U	0.16	U	0.16	U	0.18	U	0.16	U
2,4-Dimethylphenol				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2-Nitrophenol				0.39	U	0.37	U	0.38	U	0.44	U	0.38	U
4-Nitrophenol				0.26	U	0.24	U	0.24	U	0.29	U	0.25	U
2,4-Dinitrophenol				0.88	U	0.83	U	0.84	U	0.99	U	0.85	U
4,6-Dinitro-o-cresol				0.47	U	0.45	U	0.45	U	0.53	U	0.46	U
Pentachlorophenol	0.8	6.7	0.8	0.14	U	0.14	U	0.14	U	0.16	U	0.14	U
Phenol	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
2-Methylphenol	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.26	U	0.25	U	0.25	U	0.3	U	0.25	U
2,4,5-Trichlorophenol				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U
Benzoic Acid				0.59	U	0.56	U	0.56	U	0.66	U	0.57	U
Benzyl Alcohol				0.18	U	0.17	U	0.17	U	0.2	U	0.18	U

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SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Carbazole				0.18	U	0.17	U	-	-	0.17	U	0.18	U
Atrazine				0.14	U	0.14	U	-	-	0.14	U	0.15	U
Benzaldehyde				0.24	U	0.23	U	-	-	0.23	U	0.25	U
Caprolactam				0.18	U	0.17	U	-	-	0.17	U	0.19	U
2,3,4,6-Tetrachlorophenol				0.18	U	0.17	U	-	-	0.17	U	0.19	U
Total Metals													
Aluminum, Total				2670		2850		-	-	2670		4030	
Antimony, Total				4.2	U	4.17	U	-	-	4.03	U	0.786	J
Arsenic, Total	16	16	13	0.697	J	1.06		-	-	0.201	J	1.07	
Barium, Total	820	400	350	20.2		18.9		-	-	19.2		24.5	
Beryllium, Total	47	72	7.2	0.084	J	0.183	J	-	-	0.105	J	0.216	J
Cadmium, Total	7.5	4.3	2.5	0.193	J	0.183	J	-	-	0.193	J	0.224	J
Calcium, Total				682		675		-	-	404		811	
Chromium, Total				9.96		8.75		-	-	9.18		8.87	
Cobalt, Total				3.97		3.18		-	-	3.78		4.27	
Copper, Total	1720	270	50	8.33		8.46		-	-	8.8		9.64	
Iron, Total				11700		10500		-	-	11900		13000	
Lead, Total	450	400	63	3.28	J	5.04		-	-	2.64	J	4.59	J
Magnesium, Total				1030		904		-	-	1070		959	
Manganese, Total	2000	2000	1600	288		212		-	-	280		351	
Mercury, Total	0.73	0.81	0.18	0.07	U	0.03	J	-	-	0.066	U	0.071	U
Nickel, Total	130	310	30	6.37		5.99		-	-	6.32		7.17	
Potassium, Total				450		450		-	-	518		558	
Selenium, Total	4	180	3.9	1.68	U	0.392	J	-	-	0.427	J	0.465	J
Silver, Total	8.3	180	2	0.84	U	0.834	U	-	-	0.806	U	0.898	U
Sodium, Total				61.9	J	65.3	J	-	-	55.5	J	90	J
Thallium, Total				1.68	U	1.67	U	-	-	1.61	U	1.69	U
Vanadium, Total				22		13.9		-	-	14.2		16.4	
Zinc, Total	2480	10000	109	17		15.1		-	-	14.9		18.8	
Volatile Organics by 8260/5035													
1,3-Dichloropropene, Total				-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.0048	U	0.52	U	-	-	0.0052	U	0.64	U
1,1-Dichloroethane	0.27	26	0.27	0.00097	U	0.079	U	-	-	0.001	U	0.096	U
Chloroform	0.37	49	0.37	0.0014	U	0.079	U	-	-	0.0016	U	0.096	U
Carbon tetrachloride	0.76	2.4	0.76	0.00097	U	0.052	U	-	-	0.001	U	0.064	U
1,2-Dichloropropane				0.00097	U	0.18	U	-	-	0.001	U	0.22	U
Dibromochloromethane				0.00097	U	0.052	U	-	-	0.001	U	0.064	U
1,1,2-Trichloroethane				0.00097	U	0.079	U	-	-	0.001	U	0.096	U
Tetrachloroethene	1.3	19	1.3	0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
Chlorobenzene	1.1	100	1.1	0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
Trichlorofluoromethane				0.0039	U	0.26	U	-	-	0.0042	U	0.32	U
1,2-Dichloroethane	0.02	3.1	0.02	0.00097	U	0.052	U	-	-	0.001	U	0.064	U
1,1,1-Trichloroethane	0.68	100	0.68	0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
Bromodichloromethane				0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
trans-1,3-Dichloropropene				0.00097	U	0.052	U	-	-	0.001	U	0.064	U
cis-1,3-Dichloropropene				0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
1,1-Dichloropropene				0.00048	U	0.26	U	-	-	0.00052	U	0.32	U
Bromoform				0.0039	U	0.21	U	-	-	0.0042	U	0.26	U
1,1,2,2-Tetrachloroethane				0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
Benzene	0.06	4.8	0.06	0.00048	U	0.052	U	-	-	0.00052	U	0.064	U
Toluene	0.7	100	0.7	0.00097	U	0.079	U	-	-	0.001	U	0.096	U
Ethylbenzene	1	41	1	0.00097	U	0.017	J	-	-	0.001	U	0.064	U
Chloromethane				0.0039	U	0.26	U	-	-	0.0042	U	0.32	U
Bromomethane				0.0019	U	0.038	J	-	-	0.0021	U	0.13	U
Vinyl chloride	0.02	0.9	0.02	0.00097	U	0.1	U	-	-	0.001	U	0.13	U
Chloroethane				0.0019	U	0.1	U	-	-	0.0021	U	0.13	U
1,1-Dichloroethene	0.33	100	0.33	0.00097	U	0.052	U	-	-	0.001	U	0.064	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-91 7/20/2018 L1827909-01	EP-92 5/1/2018 L1815400-01	EP-92 5/1/2018 L1815400-01 R1	EP-93 7/20/2018 L1827909-02	EP-94 RESAMPLE 7/24/2018 L1828446-01	EP-95 7/20/2018 L1827909-04	EP-96 7/20/2018 L1827909-05	EP-97 5/4/2018 L1816061-01	EP-98 7/12/2018 L1826479-01	
SAMPLING DATE LAB SAMPLE ID				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.0014	U	0.079	U	-	-	0.0016	U	0.0018	U
Trichloroethene	0.47	21	0.47	0.00048	U	0.052	U	-	-	0.00052	U	0.0061	U
1,2-Dichlorobenzene	1.1	100	1.1	0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,3-Dichlorobenzene	2.4	49	2.4	0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,4-Dichlorobenzene	1.8	13	1.8	0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
Methyl tert butyl ether	0.93	100	0.93	0.0019	U	0.1	U	-	-	0.0021	U	0.0024	U
p/m-Xylene				0.0019	U	0.1	U	-	-	0.0021	U	0.0024	U
o-Xylene				0.00097	U	0.1	U	-	-	0.001	U	0.0012	U
cis-1,2-Dichloroethene	0.25	100	0.25	0.00097	U	0.052	U	-	-	0.001	U	0.0012	U
Dibromomethane				0.0019	U	0.52	U	-	-	0.0021	U	0.0024	U
Styrene				0.00097	U	0.1	U	-	-	0.001	U	0.0012	U
Dichlorodifluoromethane				0.0097	U	0.52	U	-	-	0.01	U	0.012	U
Acetone*	0.05	100	0.05	0.063	U	0.52	U	-	-	0.06	U	0.0099	J
Carbon disulfide				0.0097	U	0.52	U	-	-	0.01	U	0.012	U
2-Butanone	0.12	100	0.12	0.0097	U	0.52	U	-	-	0.01	U	0.012	U
Vinyl acetate				0.0097	U	0.52	U	-	-	0.01	U	0.012	U
4-Methyl-2-pentanone				0.0097	U	0.52	U	-	-	0.01	U	0.012	U
1,2,3-Trichloropropane				0.0019	U	0.52	U	-	-	0.0021	U	0.0024	U
2-Hexanone				0.0097	U	0.52	U	-	-	0.01	U	0.012	U
Bromochloromethane				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
2,2-Dichloropropane				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,2-Dibromoethane				0.00097	U	0.21	U	-	-	0.001	U	0.0012	U
1,3-Dichloropropane				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,1,1,2-Tetrachloroethane				0.00048	U	0.052	U	-	-	0.00052	U	0.00061	U
Bromobenzene				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
n-Butylbenzene	12	100	12	0.00097	U	0.22	U	-	-	0.001	U	0.0012	U
sec-Butylbenzene	11	100	11	0.00097	U	0.15	U	-	-	0.001	U	0.0012	U
tert-Butylbenzene	5.9	100	5.9	0.0028	U	0.015	J	-	-	0.0021	U	0.0024	U
o-Chlorotoluene				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
p-Chlorotoluene				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,2-Dibromo-3-chloropropane				0.0029	U	0.26	U	-	-	0.0031	U	0.0036	U
Hexachlorobutadiene				0.0039	U	0.26	U	-	-	0.0042	U	0.0049	U
Isopropylbenzene				0.00097	U	0.036	J	-	-	0.001	U	0.0012	U
p-Isopropyltoluene				0.002	U	0.13	U	-	-	0.001	U	0.0012	U
Naphthalene	12	100	12	0.0039	U	0.15	J	-	-	0.0042	U	0.0049	U
Acrylonitrile				0.0039	U	0.52	U	-	-	0.0042	U	0.0049	U
Tert-Butyl Alcohol				0.027	U	3.2	U	-	-	0.01	J	0.024	U
n-Propylbenzene	3.9	100	3.9	0.00097	U	0.093	U	-	-	0.001	U	0.0012	U
1,2,3-Trichlorobenzene				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,2,4-Trichlorobenzene				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0019	U	0.037	J	-	-	0.0021	U	0.0024	U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0019	U	0.34	U	-	-	0.0021	U	0.0024	U
Methyl Acetate				0.0036	J	1	U	-	-	0.0039	J	0.0049	U
Acrolein				0.024	U	1.3	U	-	-	0.026	U	0.03	U
Cyclohexane				0.0097	U	1	U	-	-	0.01	U	0.012	U
1,4-Dioxane	0.1	13	0.1	0.097	U	2.1	U	-	-	0.1	U	0.12	U
Freon-113				0.0039	U	1	U	-	-	0.0042	U	0.0049	U
p-Diethylbenzene				0.008	U	0.39	U	-	-	0.0021	U	0.0024	U
p-Ethyltoluene				0.0019	U	0.13	J	-	-	0.0021	U	0.0024	U
1,2,4,5-Tetramethylbenzene				0.026	U	0.43	U	-	-	0.0021	U	0.0024	U
Ethyl ether				0.0019	U	0.26	U	-	-	0.0021	U	0.0024	U
trans-1,4-Dichloro-2-butene				0.0048	U	0.26	U	-	-	0.0052	U	0.0061	U
Methyl cyclohexane				0.0039	U	0.042	J	-	-	0.0042	U	0.0049	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-99 7/10/2018 L1825996-01	EP-100 7/5/2018 L1825507-01	EP-101 7/5/2018 L1825507-02	SW-1 RE-SAMPLE OVER-E 6/19/2018 L1822967-01	SW-2 RE-SAMPLE OVER-E 6/19/2018 L1822967-02	SW-3 RESAMPLE 6/14/2018 L1822359-04	SW-4 RE-SAMPLE OVER-EX 6/19/2018 L1822967-03	SW-5 6/12/2018 L1821828-05	SW-6 6/12/2018 L1821828-06	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Chlorinated Herbicides by GC													
2,4-D				-	-	-	-	-	-	-	-	-	-
2,4,5-T				-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent		180	30	-	-	-	-	-	-	-	-	-	-
Solids, Total (%)				90.2		87.7		94.2		87.6		95.6	
Cyanide, Total	40	27	27	1	U	1.1	U	0.99	U	1.1	U	1	U
Chromium, Hexavalent	19	110	1	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids													
Ignitability				-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC													
Delta-BHC	0.25	100	0.04	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Lindane	0.1	1.3	0.1	0.000729	U	0.000744	U	0.000697	U	0.000756	U	0.000702	U
Alpha-BHC	0.02	0.48	0.02	0.000729	U	0.000744	U	0.000697	U	0.000756	U	0.000702	U
Beta-BHC	0.09	0.36	0.036	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Heptachlor	0.38	2.1	0.042	0.000875	U	0.000893	U	0.000837	U	0.000908	U	0.000919	U
Aldrin	0.19	0.097	0.005	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Heptachlor epoxide				0.00328	U	0.00335	U	0.00314	U	0.0034	U	0.00316	U
Endrin	0.06	11	0.014	0.000729	U	0.000744	U	0.000697	U	0.000756	U	0.000702	U
Endrin aldehyde				0.00219	U	0.00223	U	0.00209	U	0.00227	U	0.00211	U
Endrin ketone				0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Dieldrin	0.1	0.2	0.005	0.00109	U	0.00112	U	0.00105	U	0.00113	U	0.00105	U
4,4'-DDE	17	8.9	0.0033	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
4,4'-DDD	14	13	0.0033	0.014		0.00179	U	0.00167	U	0.00182	U	0.00168	U
4,4'-DDT	136	7.9	0.0033	0.00328	U	0.00335	U	0.00314	U	0.00329	U	0.00316	U
Endosulfan I	102	24	2.4	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Endosulfan II	102	24	2.4	0.00175	U	0.00179	U	0.00167	U	0.00182	U	0.00168	U
Endosulfan sulfate	1000	24	2.4	0.000729	U	0.000744	U	0.000697	U	0.000756	U	0.000702	U
Methoxychlor				0.00328	U	0.00335	U	0.00314	U	0.00329	U	0.00316	U
Toxaphene				0.0328	U	0.0335	U	0.0314	U	0.034	U	0.0316	U
cis-Chlordane	2.9	4.2	0.094	0.00219	U	0.00223	U	0.00209	U	0.00227	U	0.00211	U
trans-Chlordane				0.00219	U	0.00223	U	0.00209	U	0.00227	U	0.00211	U
Chlordane				0.0142	U	0.0145	U	0.0136	U	0.0142	U	0.0148	U
Polychlorinated Biphenyls by GC													
Aroclor 1016	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1221	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1232	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1242	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1248	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1254	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1260	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1262	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Aroclor 1268	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
PCBs, Total	3.2	1	0.1	0.0357	U	0.036	U	0.0346	U	0.0372	U	0.0346	U
Semivolatile Organics by GC/MS													
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-
Acenaphthene	98	100	20	0.18		0.15	U	0.15	U	0.15	U	0.14	U
Benzidine				0.6	U	0.61	U	0.57	U	0.62	U	0.59	U
1,2,4-Trichlorobenzene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Hexachlorobenzene	3.2	1.2	0.33	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U
Bis(2-chloroethyl)ether				0.16	U	0.16	U	0.16	U	0.17	U	0.16	U
2-Chloronaphthalene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
3,3'-Dichlorobenzidine				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
2,4-Dinitrotoluene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
2,6-Dinitrotoluene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U

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LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-99 7/10/2018 L1825996-01	EP-100 7/5/2018 L1825507-01	EP-101 7/5/2018 L1823507-02	SW-1 RE-SAMPLE OVER-EX 6/19/2018 L1822967-01	SW-2 RE-SAMPLE OVER-EX 6/19/2018 L1822967-02	SW-3 RESAMPLE 6/14/2018 L1822359-04	SW-4 RE-SAMPLE OVER-EX 6/19/2018 L1822967-03	SW-5 6/12/2018 L1821828-05	SW-6 6/12/2018 L1821828-06	
SAMPLING DATE				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
LAB SAMPLE ID													
Azobenzene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Fluoranthene	1000	100	100	0.027	J	0.11	U	0.052	J	0.11	U	0.023	J
4-Chlorophenyl phenyl ether				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
4-Bromophenyl phenyl ether				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether				0.22	U	0.22	U	0.21	U	0.23	U	0.21	U
Bis(2-chloroethoxy)methane				0.2	U	0.2	U	0.19	U	0.21	U	0.19	U
Hexachlorobutadiene				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Hexachlorocyclopentadiene				0.52	U	0.53	U	0.49	U	0.54	U	0.49	U
Hexachloroethane				0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Isophorone				0.16	U	0.16	U	0.16	U	0.17	U	0.16	U
Naphthalene	12	100	12	0.62	U	0.18	U	0.22	U	0.19	U	0.18	U
Nitrobenzene				0.16	U	0.16	U	0.16	U	0.17	U	0.16	U
NDPA/DPA				0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
n-Nitrosodi-n-propylamine				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Bis(2-ethylhexyl)phthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Butyl benzyl phthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
Di-n-butylphthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Di-n-octylphthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Diethyl phthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Dimethyl phthalate				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Benzo(a)anthracene	1	1	1	0.11	U	0.11	U	0.1	U	0.11	U	0.049	J
Benzo(a)pyrene	22	1	1	0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Benzo(b)fluoranthene	1.7	1	1	0.11	U	0.11	U	0.1	U	0.11	U	0.042	J
Benzo(k)fluoranthene	1.7	3.9	0.8	0.11	U	0.11	U	0.1	U	0.11	U	0.1	U
Chrysene	1	3.9	1	0.11	U	0.11	U	0.1	U	0.11	U	0.042	J
Acenaphthylene	107	100	100	0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Anthracene	1000	100	100	0.096	J	0.11	U	0.1	U	0.11	U	0.1	U
Benzo(ghi)perylene	1000	100	100	0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Fluorene	386	100	30	0.38	U	0.18	U	0.27	U	0.19	U	0.18	U
Phenanthrene	1000	100	100	0.81	U	0.027	J	0.53	U	0.11	U	0.13	U
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.11	U	0.11	U	0.1	U	0.11	U	0.1	U
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Pyrene	1000	100	100	0.14	U	0.11	U	0.19	U	0.11	U	0.095	J
Biphenyl				0.34	J	0.42	U	0.046	J	0.44	U	0.43	U
4-Chloroaniline				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
2-Nitroaniline				0.18	U	0.18	U	0.17	U	0.19	U	0.18	U
3-Nitroaniline				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
4-Nitroaniline				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Dibenzofuran	210	59	7	0.12	J	0.18	U	0.07	J	0.19	U	0.17	U
2-Methylnaphthalene				2.4	U	0.22	U	1.5	U	0.23	U	0.21	U
1,2,4,5-Tetrachlorobenzene				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Acetophenone				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
n-Nitrosodimethylamine				0.36	U	0.37	U	0.34	U	0.38	U	0.34	U
2,4,6-Trichlorophenol				0.11	U	0.11	U	0.1	U	0.11	U	0.1	U
p-Chloro-m-cresol				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
2-Chlorophenol				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
2,4-Dichlorophenol				0.16	U	0.16	U	0.16	U	0.17	U	0.16	U
2,4-Dimethylphenol				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
2-Nitrophenol				0.39	U	0.4	U	0.37	U	0.41	U	0.37	U
4-Nitrophenol				0.26	U	0.26	U	0.24	U	0.27	U	0.24	U
2,4-Dinitrophenol				0.88	U	0.88	U	0.83	U	0.91	U	0.83	U
4,6-Dinitro-o-cresol				0.47	U	0.48	U	0.45	U	0.49	U	0.45	U
Pentachlorophenol	0.8	6.7	0.8	0.15	U	0.15	U	0.14	U	0.15	U	0.14	U
Phenol	0.33	100	0.33	0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
2-Methylphenol	0.33	100	0.33	0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.26	U	0.26	U	0.25	U	0.28	U	0.25	U
2,4,5-Trichlorophenol				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U
Benzoic Acid				0.59	U	0.6	U	0.56	U	0.61	U	0.56	U
Benzyl Alcohol				0.18	U	0.18	U	0.17	U	0.19	U	0.17	U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	EP-99 7/10/2018 L1825996-01	EP-100 7/5/2018 L1825507-01	EP-101 7/5/2018 L1825507-02	SW-1 RE-SAMPLE OVER-EX 6/19/2018 L1822967-01	SW-2 RE-SAMPLE OVER-EX 6/19/2018 L1822967-02	SW-3 RESAMPLE 6/14/2018 L1822359-04	SW-4 RE-SAMPLE OVER-EX 6/19/2018 L1822967-03	SW-5 6/12/2018 L1821828-05	SW-6 6/12/2018 L1821828-06
LAMP SAMPLE ID				Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual
Carbazole				0.18 U	0.18 U	0.17 U	0.19 U	0.19 U	0.18 U	0.19 U	0.17 U	0.17 U
Atrazine				0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
Benzaldehyde				0.24 U	0.24 U	0.23 U	0.25 U	0.25 U	0.23 U	0.25 U	0.23 U	0.23 U
Caprolactam				0.18 U	0.18 U	0.17 U	0.19 U	0.19 U	0.18 U	0.19 U	0.17 U	0.17 U
2,3,4,6-Tetrachlorophenol				0.18 U	0.18 U	0.17 U	0.19 U	0.19 U	0.18 U	0.19 U	0.17 U	0.17 U
Total Metals												
Aluminum, Total				5870	2120	3120	6510	3690	5800	2900	4530	3740
Antimony, Total				1.12 J	0.503 J	4.08 U	2.49 J	1.39 J	4.24 U	0.98 J	3.99 U	4.04 U
Arsenic, Total	16	16	13	1.67	0.512 J	0.71 J	2.7	1.52	1.14	1.98	1.37	0.85
Barium, Total	820	400	350	39.8	16.1	22.9	48.2	28.4	28.9	22.1	25.8	22.3
Beryllium, Total	47	72	7.2	0.236 J	0.153 J	0.22 J	0.551	0.261 J	0.212 J	0.259 J	0.256 J	0.162 J
Cadmium, Total	7.5	4.3	2.5	0.698 J	0.215 J	0.302 J	0.844 J	0.322 J	0.848 U	0.287 J	0.798 U	0.809 U
Calcium, Total				570	443	510	455	634	439	404	488	340
Chromium, Total				14.1	6.15	8.19	35.2	9.14	10.4	7.87	15.3	10.5
Cobalt, Total				5.75	2.92	3.79	8.08	4.42	5.69	4	6.79	4.75
Copper, Total	1720	270	50	12.8	5.68	7.7	22.7	11.4	10.8	10.3	15	10.5
Iron, Total				15100	8870	12200	37600	14800	15200	13700	19200	13800
Lead, Total	450	400	63	4.82	2 J	3.44 J	5.96	6.51	3.53 J	4.22 J	4.06	3.3 J
Magnesium, Total				1500	975	1080	1320	1160	1240	751	1200	999
Manganese, Total	2000	2000	1600	310	146	257	847	374	276	311	427	320
Mercury, Total	0.73	0.81	0.18	0.07 U	0.072 U	0.067 U	0.076 U	0.072 U	0.068 U	0.075 U	0.066 U	0.067 U
Nickel, Total	130	310	30	10.3	4.8	6.45	10.5	7.38	8.14	5.33	9.46	6.54
Potassium, Total				1100	432	625	881	647	721	524	778	761
Selenium, Total	4	180	3.9	1.74 U	0.377 J	0.384 J	1.78 U	1.74 U	0.314 J	1.85 U	0.359 J	0.372 J
Silver, Total	8.3	180	2	0.872 U	0.898 U	0.816 U	0.889 U	0.871 U	0.848 U	0.925 U	0.798 U	0.809 U
Sodium, Total				143 J	89.6 J	76.1 J	394	125 J	81.1 J	187	82.6 J	56.9 J
Thallium, Total				1.74 U	1.8 U	1.63 U	0.444 J	1.74 U	1.7 U	1.85 U	1.6 U	1.62 U
Vanadium, Total				22.9	10.2	13.4	43.6	17.2	19	17.4	26.2	20.1
Zinc, Total	2480	10000	109	23.2	11.3	15.4	40.1	18.8	20.2	14.1	25	17.9
Volatile Organics by 8260/5035												
1,3-Dichloropropene, Total				-	-	-	-	-	-	-	-	-
Xylenes, Total	1.6	100	0.26	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total				-	-	-	-	-	-	-	-	-
Methylene chloride	0.05	100	0.05	0.34 U	0.3 U	0.38 U	0.0057 U	0.0062 U	0.01 U	0.0057 U	0.013 U	0.011 U
1,1-Dichloroethane	0.27	26	0.27	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0016 U	0.0011 U	0.0019 U	0.0016 U
Chloroform	0.37	49	0.37	0.1 U	0.09 U	0.12 U	0.0017 U	0.0019 U	0.0016 U	0.0017 U	0.0019 U	0.0016 U
Carbon tetrachloride	0.76	2.4	0.76	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
1,2-Dichloropropane				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0037 U	0.0011 U	0.0045 U	0.0038 U
Dibromochloromethane				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0016 U	0.0011 U	0.0019 U	0.0016 U
Tetrachloroethene	1.3	19	1.3	0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
Chlorobenzene	1.1	100	1.1	0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
Trichlorofluoromethane				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.0053 U	0.0046 U	0.0064 U	0.0054 U
1,2-Dichloroethane	0.02	3.1	0.02	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
1,1,1-Trichloroethane	0.68	100	0.68	0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
Bromodichloromethane				0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
trans-1,3-Dichloropropene				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
cis-1,3-Dichloropropene				0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
1,1-Dichloropropene				0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.0053 U	0.00057 U	0.0064 U	0.0054 U
Bromoform				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.0042 U	0.0046 U	0.0051 U	0.0043 U
1,1,2,2-Tetrachloroethane				0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
Benzene	0.06	4.8	0.06	0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00022 J	0.0013 U	0.0011 U
Toluene	0.7	100	0.7	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0016 U	0.0011 U	0.0019 U	0.0016 U
Ethylbenzene	1	41	1	0.04 J	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
Chloromethane				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.0053 U	0.0046 U	0.0064 U	0.0054 U
Bromomethane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0021 U	0.0023 U	0.0026 U	0.0021 U
Vinyl chloride	0.02	0.9	0.02	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0021 U	0.0011 U	0.0026 U	0.0021 U
Chloroethane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0021 U	0.0023 U	0.0026 U	0.0021 U
1,1-Dichloroethene	0.33	100	0.33	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U

Table 2 - Confirmation Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Part 375 Groundwater Criteria	NY Part 375 Restricted- Residential- Criteria	NY Part 375 Unrestricted Use Criteria	EP-99 7/10/2018 L1825996-01	EP-100 7/5/2018 L1825507-01	EP-101 7/5/2018 L1825507-02	SW-1 RE-SAMPLE OVER-E 6/19/2018 L1822967-01	SW-2 RE-SAMPLE OVER-E 6/19/2018 L1822967-02	SW-3 RESAMPLE 6/14/2018 L1822359-04	SW-4 RE-SAMPLE OVER-EX 6/19/2018 L1822967-03	SW-5 6/12/2018 L1821828-05	SW-6 6/12/2018 L1821828-06
LAB SAMPLE ID				Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual	Results Qual
trans-1,2-Dichloroethene	0.19	100	0.19	0.1 U	0.09 U	0.12 U	0.0017 U	0.0019 U	0.0016 U	0.0017 U	0.0019 U	0.0016 U
Trichloroethene	0.47	21	0.47	0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,3-Dichlorobenzene	2.4	49	2.4	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,4-Dichlorobenzene	1.8	13	1.8	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
Methyl tert butyl ether	0.93	100	0.93	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0021 U	0.0023 U	0.0026 U	0.0021 U
p/m-Xylene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0021 U	0.0023 U	0.0026 U	0.0021 U
o-Xylene				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0021 U	0.0011 U	0.0026 U	0.0021 U
cis-1,2-Dichloroethene	0.25	100	0.25	0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
Dibromomethane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.01 U	0.0023 U	0.013 U	0.011 U
Styrene				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0021 U	0.0011 U	0.0026 U	0.0021 U
Dichlorodifluoromethane				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
Acetone*	0.05	100	0.05	0.68 U	0.6 U	0.77 U	0.017 U	0.012 U	0.01 U	0.011 U	0.0077 J	0.011 U
Carbon disulfide				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
2-Butanone	0.12	100	0.12	0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
Vinyl acetate				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
4-Methyl-2-pentanone				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
1,2,3-Trichloropropane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.01 U	0.0023 U	0.013 U	0.011 U
2-Hexanone				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.01 U	0.011 U	0.013 U	0.011 U
Bromochloromethane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
2,2-Dichloropropane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,2-Dibromoethane				0.068 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.0042 U	0.0011 U	0.0051 U	0.0043 U
1,3-Dichloropropane				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,1,1,2-Tetrachloroethane				0.034 U	0.03 U	0.038 U	0.00057 U	0.00062 U	0.001 U	0.00057 U	0.0013 U	0.0011 U
Bromobenzene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
n-Butylbenzene	12	100	12	0.22 U	0.01 J	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
sec-Butylbenzene	11	100	11	0.19 U	0.0089 J	0.02 J	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
tert-Butylbenzene	5.9	100	5.9	0.14 U	0.12 U	0.014 J	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
o-Chlorotoluene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
p-Chlorotoluene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,2-Dibromo-3-chloropropane				0.2 U	0.18 U	0.23 U	0.0034 U	0.0037 U	0.0053 U	0.0034 U	0.0064 U	0.0054 U
Hexachlorobutadiene				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.0053 U	0.0046 U	0.0064 U	0.0054 U
Isopropylbenzene				0.047 J	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
p-Isopropyltoluene				0.068 U	0.06 U	0.022 J	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
Naphthalene	12	100	12	1.6 U	0.24 U	0.3 J	0.0046 U	0.005 U	0.0053 U	0.0046 U	0.0064 U	0.0054 U
Acrylonitrile				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.01 U	0.0046 U	0.013 U	0.011 U
Tert-Butyl Alcohol				1.4 U	1.2 U	1.5 U	0.016 J	0.025 U	0.063 U	0.023 U	0.0049 J	0.064 U
n-Propylbenzene	3.9	100	3.9	0.12 U	0.06 U	0.077 U	0.0011 U	0.0012 U	0.001 U	0.0011 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,2,4-Trichlorobenzene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,3,5-Trimethylbenzene	8.4	52	8.4	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
Methyl Acetate				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.021 U	0.0046 U	0.026 U	0.021 U
Acrolein				1.7 U	1.5 U	1.9 U	0.0069 J	0.031 U	0.026 U	0.028 U	0.032 U	0.027 U
Cyclohexane				0.68 U	0.6 U	0.77 U	0.011 U	0.012 U	0.021 U	0.011 U	0.026 U	0.021 U
1,4-Dioxane	0.1	13	0.1	6.8 U	6 U	7.7 U	0.11 U	0.12 U	0.042 U	0.11 U	0.051 U	0.043 U
Freon-113				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.021 U	0.0046 U	0.026 U	0.021 U
p-Diethylbenzene				0.17 U	0.014 J	0.063 J	0.0023 U	0.0025 U	0.0042 U	0.0023 U	0.0051 U	0.0043 U
p-Ethyltoluene				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0042 U	0.0023 U	0.0051 U	0.0043 U
1,2,4,5-Tetramethylbenzene				0.64 U	0.078 J	0.37 U	0.0023 U	0.0025 U	0.0042 U	0.0023 U	0.0051 U	0.0043 U
Ethyl ether				0.14 U	0.12 U	0.15 U	0.0023 U	0.0025 U	0.0053 U	0.0023 U	0.0064 U	0.0054 U
trans-1,4-Dichloro-2-butene				0.34 U	0.3 U	0.38 U	0.0057 U	0.0062 U	0.0053 U	0.0057 U	0.0064 U	0.0054 U
Methyl cyclohexane				0.27 U	0.24 U	0.31 U	0.0046 U	0.005 U	0.0042 U	0.0046 U	0.0051 U	0.0043 U

Table 2 - Remaining Soil Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

Notes:

100 This value exceeds NYS Unrestricted Use Soil Cleanup Objectives (SCOs)

200 This value exceeds the lesser of the lesser of the Restricted Residential SCOs or the Protection of Groundwater SCOs

* Acetone is a common lab contaminant

** EP-50 and EP-51 were collected at the depth of 30 ft below ground surface

The units are in Milligrams per kilogram (mg/kg)

For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Qual - Laboratory data qualifier.

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

NS - No Standard

Table 3 - Groundwater Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY-AWQS	MW-1		MW-2		MW-3		DUP (MW-1)		FB-082218	
SAMPLING DATE		8/22/2018		8/22/2018		8/22/2018		8/22/2018		8/22/2018	
LAB SAMPLE ID		L1833170-01		L1833170-02		L1833170-03		L1833170-04		L1833170-05	
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry											
pH (H)		6.7		6.6		6.6		6.6		6.2	
Iron, Ferrous		400	J	120	J	500	U	320	J	500	U
Semivolatile Organics by GC/MS											
Benzidine	5	20	U	20	U	20	U	20	U	20	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U
Azobenzene	5	2	U	2	U	2	U	2	U	2	U
4-Chlorophenyl phenyl ether		2	U	2	U	2	U	2	U	2	U
4-Bromophenyl phenyl ether		2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U
n-Nitrosodi-n-propylamine		5	U	5	U	5	U	5	U	5	U
Bis(2-ethylhexyl)phthalate	5	1.6	J	2.4	J	3	U	3.1		3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U
Phenanthrene	50	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U
Dibenzofuran		2	U	2	U	2	U	2	U	2	U
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U
Acetophenone		5	U	5	U	5	U	5	U	5	U
n-Nitrosodimethylamine		2	U	2	U	2	U	2	U	2	U
2,4,6-Trichlorophenol		5	U	5	U	5	U	5	U	5	U
p-Chloro-m-cresol		2	U	2	U	2	U	2	U	2	U
2-Chlorophenol		2	U	2	U	2	U	2	U	2	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol		10	U	10	U	10	U	10	U	10	U
4-Nitrophenol		10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U
4,6-Dinitro-o-cresol		10	U	10	U	10	U	10	U	10	U
Phenol	1	5	U	5	U	5	U	5	U	5	U
2-Methylphenol		5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol		5	U	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol		5	U	5	U	5	U	5	U	5	U
Benzoic Acid		9.5	J	9.5	J	9.8	J	9.5	J	50	U
Benzyl Alcohol		2	U	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM											
Acenaphthene	20	0.87		0.14		0.21		1		0.1	U
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	50	0.04	J	0.05	J	0.02	J	0.05	J	0.1	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	10	0.9		0.21		0.24		1.1		0.05	J
Benzo(a)anthracene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene		0.06	J	0.04	J	0.02	J	0.04	J	0.1	U
Anthracene	50	0.14		0.14		0.04	J	0.16		0.1	U
Benzo(ghi)perylene		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	50	0.89		0.06	J	0.35		1.1		0.1	U
Phenanthrene	50	0.11		0.07	J	0.09	J	0.12		0.1	U
Dibenzo(a,h)anthracene		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	50	0.2		0.38		0.07	J	0.24		0.1	U
2-Methylnaphthalene		0.1		0.04	J	0.04	J	0.08	J	0.1	U
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Volatile Organics by GC/MS											
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

Table 3 - Groundwater Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY-AWQS	MW-1		MW-2		MW-3		DUP (MW-1)		FB-082218	
SAMPLING DATE		8/22/2018		8/22/2018		8/22/2018		8/22/2018		8/22/2018	
LAB SAMPLE ID		L1833170-01		L1833170-02		L1833170-03		L1833170-04		L1833170-05	
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.5	J	1.7	J	1.5	J	1.6	J	2.5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Tetrachloroethene	5	11		7.9		26		11		0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	0.89	J	2.5	U	1.2	J	0.87	J	2.5	U
Ethylbenzene	5	1.3	J	1.2	J	2.5	U	1.4	J	2.5	U
Chloromethane		2.5	U	31		2.5	U	2.5	U	2.5	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	2		1.4		5.7		2		0.5	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	1.3	J	2.5	U	1.4	J	1.4	J	2.5	U
o-Xylene	5	0.74	J	2.5	U	0.84	J	0.75	J	2.5	U
cis-1,2-Dichloroethene	5	6.3		1.1	J	22		6.5		2.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U
Tert-Butyl Alcohol		10	U	10	U	10	U	10	U	10	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U
Acetone	50	5	U	5	U	5	U	5	U	1.5	J
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U
Vinyl acetate		5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
Acrolein	5	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2	J	1.4	J	2.5	U	2	J	2.5	U
sec-Butylbenzene	5	4.3		2.8		1.7	J	4.4		2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2	J	1.8	J	2.5	U	2.1	J	2.5	U
p-Isopropyltoluene	5	0.98	J	2.5	U	1.6	J	0.9	J	2.5	U
Naphthalene	10	13		8.8		1	J	13		2.5	U
n-Propylbenzene	5	2.6		2.8		2.5	U	2.7		2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	0.8	J	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	15		0.89	J	4		15		2.5	U
Methyl Acetate		2	U	2	U	2	U	2	U	2	U
Cyclohexane		10	U	10	U	10	U	10	U	10	U
1,4-Dioxane		250	U	250	U	250	U	250	U	250	U
Freon-113	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene		6		2.1		3.2		6		2	U
p-Ethyltoluene		4.5		2	U	1.9	J	4.6		2	U
1,2,4,5-Tetramethylbenzene	5	11		7.1		2.3		11		2	U
Ethyl ether		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl cyclohexane		0.69	J	0.55	J	10	U	0.67	J	10	U

Table 3 - Remaining Ground Water Sample Exceedances
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

Notes:

100 This value exceeds NYS Unrestricted Use Soil Cleanup Objectives (SCOs)

ug/L The units are in Micrograms per kilogram

Qual - Laboratory data qualifier.

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value

NS - No Standard

U - Not detected above the reported detection limit for the sample.

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		40 CFR	NY Part 375	NY-Res.	NY Part 375	NY Part 375	A-FILL COMP 0-5 FT				A-FILL GRAB 0-5 FT				A-CLEAN COMP 5-10 FT				A-CLEAN GRAB 5-10 FT				A-CLEAN COMP 10-15 FT				A-CLEAN GRAB 10-15 FT				
SAMPLING DATE		261.24	Groundwater	Criteria	Residential	Unrestricted	3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				
LAB SAMPLE ID							BK77683				BK77684				BK77657				BK77658				BK77659				BK77660				
	Units						Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Miscellaneous/Inorganics																															
Percent Solid	%						90				87				91				93				95				95				
Corrosivity	Pos/Neg						Negative			U					Negative			U					Negative			U					
Flash Point	Degree F						>200	200							>200	200							>200	200							
Chromium, Hexavalent	mg/Kg														0.54	0.44		0.44					0.62	0.42			0.42				
Ignitability	degree F						Passed	140		U					Passed	140		U					Passed	140		U					
pH - Soil	pH Units						10.46	0.10							8.43	0.10							8.04	0.10							
Pyridine	ug/Kg														< 360	360		U	360				< 340	340		U	340				
Reactivity Cyanide	mg/Kg						< 5.6	5.6		U 0.28					< 5.4	5.4		U 0.27					< 5.2	5.2		U 0.26					
Reactivity Sulfide	mg/Kg						< 20	20		U					< 20	20		U					< 20	20		U					
Reactivity	Pos/Neg						Negative			U					Negative			U					Negative			U					
Redox Potential	mV														190	1.0							200	1.0							
Metals, Total																															
Aluminum	mg/Kg						8,460	35		6.9					7,590	35		7.0					3,650	32			6.4				
Antimony	mg/Kg						< 1.7	1.7		U 1.7					< 1.8	1.8		U 1.8					< 1.6	1.6		U 1.6					
Arsenic	mg/Kg		16	16	16	13	5.5	0.7		0.69					3	0.7		0.70					1.2	0.6			0.64				
Barium	mg/Kg		820	350	400	350	268	0.7		0.35					43.4	0.7		0.35					23.9	0.6			0.32				
Beryllium	mg/Kg		47	14	72	72	0.41	0.28		0.14					0.37	0.28		0.14					0.21	0.26		B 0.13					
Cadmium	mg/Kg		7.5	2.5	4.3	2.5	0.43	0.35		0.14					0.15	0.35		B 0.14					0.13	0.32		B 0.13					
Calcium	mg/Kg						32,500	35		32					7,620	3.5		3.2					888	3.2			3.0				
Chromium	mg/Kg					30	42.5	0.35		0.35					15	0.35		0.35					10.9	0.32			0.32				
Cobalt	mg/Kg						5.96	0.35		0.35					5.54	0.35		0.35					3.98	0.32			0.32				
Copper	mg/Kg		1,720	270	270	50	32.7	0.35		0.35					10.7	0.35		0.35					8.65	0.32			0.32				
Iron	mg/Kg						14,300	35		35					18,200	35		35					13,300	32			32				
Lead	mg/Kg		450	400	400	63	342	6.9		3.5					27.4	0.7		0.35					2.2	0.6			0.32				
Magnesium	mg/Kg						5,520	35		35					1,750	3.5		3.5					1,440	3.2			3.2				
Manganese	mg/Kg		2,000	2,000	2,000	1,600	228	3.5		3.5					351	3.5		3.5					247	3.2			3.2				
Mercury	mg/Kg		0.73	0.81	0.81	0.18	0.24	0.03		0.02					0.13	0.03		0.02					< 0.03	0.03		U 0.02					
Molybdenum	mg/Kg														< 0.35	0.35		U 0.35					< 0.32	0.32		U 0.32					
Nickel	mg/Kg		130	140	310	30	17.6	0.35		0.35					9.19	0.35		0.35					7.22	0.32			0.32				
Potassium	mg/Kg						1,560	7		2.7					740	7		2.7					713	6			2.5				
Selenium	mg/Kg		4	36	180	3.9	< 1.4	1.4		U 1.2					< 1.4	1.4		U 1.2					< 1.3	1.3		U 1.1					
Silver	mg/Kg		8.3	36	180	2	< 0.35	0.35		U 0.35					< 0.35	0.35		U 0.35					< 0.32	0.32		U 0.32					
Sodium	mg/Kg						420	7		3.0					109	7		3.0					91	6			2.8				
Thallium	mg/Kg						< 1.4	1.4		U 1.4					< 1.4	1.4		U 1.4					< 1.3	1.3		U 1.3					
Vanadium	mg/Kg						30.6	0.3		0.35					24.2	0.4		0.35					18.9	0.3			0.32				
Zinc	mg/Kg		2,480	2,200	10,000	109	190	6.9		3.5					25.1	0.7		0.35					17.6	0.6			0.32				
Metals, TCLP																															
TCLP Aluminum	mg/L																														
TCLP Antimony	mg/L																														
TCLP Arsenic	mg/L	5					< 0.10	0.10		U 0.040					< 0.10	0.10		U 0.040					< 0.10	0.10		U 0.040					
TCLP Barium	mg/L	100					0.43	0.10		0.010					0.44	0.10		0.010					0.35	0.10			0.010				
TCLP Beryllium	mg/L																														
TCLP Cadmium	mg/L	1					< 0.050	0.050		U 0.0050					< 0.050	0.050		U 0.0050					< 0.050	0.050		U 0.0050					
TCLP Calcium	mg/L																														
TCLP Chromium	mg/L	5					< 0.10	0.10		U 0.010					< 0.10	0.10		U 0.010					< 0.10	0.10		U 0.010					
TCLP Cobalt	mg/L																														
TCLP Copper	mg/L																														
TCLP Iron	mg/L																														
TCLP Lead	mg/L	5					0.06	0.10		B 0.010					0.01	0.10		B 0.010					< 0.10	0.10		U 0.010					
TCLP Magnesium	mg/L																														
TCLP Manganese	mg/L																														
TCLP Mercury	mg/L	0.2					< 0.0002	0.0002		U 0.0015					< 0.0002	0.0002		U 0.00015					< 0.0002	0.0002		U 0.00015					
TCLP Nickel	mg/L																														
TCLP Selenium	mg/L	1					< 0.10	0.10		U 0.10					< 0.10	0.10		U 0.10					< 0.10	0.10		U 0.10					
TCLP Silver	mg/L	5					< 0.10	0.10		U 0.010					< 0.10	0.10		U 0.02					< 0.10	0.10		U 0.02					
TCLP Thallium	mg/L																														
TCLP Vanadium	mg/L																														
TCLP Zinc	mg/L																														
TPH By SW8015D DRO																															
Diesel Range Organics (C10-C28)	mg/Kg						120	110		110																					
SVOA TICS																															
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg														13,000	4	JNA														
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																														
2-Pentanone, 4-hydroxy-4-methyl- (																															

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		40 CFR 261.24	NY Part 375 Groundwater Criteria	NY-Res.	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	A-FILL COMP 0-5 FT				A-FILL GRAB 0-5 FT				A-CLEAN COMP 5-10 FT				A-CLEAN GRAB 5-10 FT				A-CLEAN COMP 10-15 FT				A-CLEAN GRAB 10-15 FT			
SAMPLING DATE							3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID							BK77683				BK77684				BK77657				BK77658				BK77659				BK77660			
	Units						Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																													
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																										2,400	4	JN	
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																													
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																													
Hexadecanoic acid (RT 6.690)	ug/Kg																													
Tetradecanoic acid (RT 6.700)	ug/Kg																													
Unknown (RT 9.500)	ug/Kg																													
Unknown (RT 1.520)	ug/Kg																													
Unknown (RT 1.740)	ug/Kg																													
Unknown (RT 3.330)	ug/Kg																													
Unknown (RT 8.150)	ug/Kg																											350	4	JN
Unknown (RT 1.300)	ug/Kg																													
Unknown (RT 1.530)	ug/Kg																													
Unknown (RT 7.490)	ug/Kg																													
Unknown (RT 8.010)	ug/Kg																													
Unknown (RT 1.460)	ug/Kg																													
Unknown (RT 1.480)	ug/Kg																													
Unknown (RT 1.520)	ug/Kg																													
Unknown (RT 7.930)	ug/Kg																													
VOA TICS																														
unknown (RT 3.338)	ug/Kg																													
unknown (RT 4.023)	ug/Kg																													
PCBs By SW8082A																														
PCB-1016	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1221	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1232	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1242	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1248	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1254	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1260	ug/Kg			1,000		100	< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1262	ug/Kg						< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
PCB-1268	ug/Kg						< 37	37	U	37					< 37	37	U	37					< 35	35	U	35				
Volatiles By SW8260C																														
1,1,1,2-Tetrachloroethane	ug/Kg																													
1,1,1-Trichloroethane	ug/Kg		680	100,000	100,000	680					< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	0.56
1,1,2,2-Tetrachloroethane	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,1,2-Trichloroethane	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,1-Dichloroethane	ug/Kg		270	19,000	26,000	270					< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,1-Dichloroethene	ug/Kg		330	100,000	100,000	330					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,1-Dichloropropene	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2,3-Trichlorobenzene	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,2,3-Trichloropropane	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2,4-Trichlorobenzene	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,2,4-Trimethylbenzene	ug/Kg		3,600	47,000	52,000	3,600					0.75	5.5	J	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2-Dibromo-3-chloropropane	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,2-Dibromoethane	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2-Dichlorobenzene	ug/Kg		1,100	100,000	100,000	1,100					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2-Dichloroethane	ug/Kg		20	2,300	3,100	20					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,2-Dichloropropane	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,3,5-Trimethylbenzene	ug/Kg		8,400	47,000	52,000	8,400					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,3-Dichlorobenzene	ug/Kg		2,400	17,000	49,000	2,400					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
1,3-Dichloropropane	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
1,4-Dichlorobenzene	ug/Kg		1,800	9,800	13,000	1,800					< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
2,2-Dichloropropane	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
2-Chlorotoluene	ug/Kg										< 5.5	5.5	U	1.1					< 7.4	7.4	U	1.5					< 5.6	5.6	U	1.1
2-Hexanone	ug/Kg										< 28	28	U	5.5					< 37	37	U	7.4					< 28	28	U	5.6
2-Isopropyltoluene	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
4-Chlorotoluene	ug/Kg										< 5.5	5.5	U	0.55					< 7.4	7.4	U	0.74					< 5.6	5.6	U	0.56
4-Methyl-2-pentanone	ug/Kg										< 28	28	U	5.5					< 37	37	U	7.4					< 28	28	U	5.6
Acetone	ug/Kg		50	100,000	100,000	50					137																			

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		40 CFR 261.24	NY Part 375 Groundwater Criteria	NY-Res.	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	A-FILL COMP 0-5 FT				A-FILL GRAB 0-5 FT				A-CLEAN COMP 5-10 FT				A-CLEAN GRAB 5-10 FT				A-CLEAN COMP 10-15 FT				A-CLEAN GRAB 10-15 FT				
SAMPLING DATE							3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				
LAB SAMPLE ID							BK77683				BK77684				BK77657				BK77658				BK77659				BK77660				
	Units						Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Cyclohexane	ug/Kg																														
Dibromochloromethane	ug/Kg																														
Dibromomethane	ug/Kg																														
Dichlorodifluoromethane	ug/Kg																														
Ethylbenzene	ug/Kg		1,000	30,000	41,000	1,000																									
Hexachlorobutadiene	ug/Kg																														
Isopropylbenzene	ug/Kg																														
m&p-Xylene	ug/Kg																														
Methyl Ethyl Ketone	ug/Kg		120	100,000	100,000	120																									
Methyl t-butyl ether (MTBE)	ug/Kg		930	62,000	100,000	930																									
Methylacetate	ug/Kg																														
Methylcyclohexane	ug/Kg																														
Methylene chloride	ug/Kg		50	51,000	100,000	50																									
Naphthalene	ug/Kg																														
n-Butylbenzene	ug/Kg		12,000	100,000	100,000	12,000																									
n-Propylbenzene	ug/Kg		3,900	100,000	100,000	3,900																									
o-Xylene	ug/Kg																														
p-Isopropyltoluene	ug/Kg																														
sec-Butylbenzene	ug/Kg		11,000	100,000	100,000	11,000																									
Styrene	ug/Kg																														
tert-Butylbenzene	ug/Kg		5,900	100,000	100,000	5,900																									
Tetrachloroethene	ug/Kg		1,300	5,500	19,000	1,300																									
Tetrahydrofuran (THF)	ug/Kg																														
Toluene	ug/Kg		700	100,000	100,000	700																									
Total Xylenes	ug/Kg		1,600	100,000	260																										
trans-1,2-Dichloroethene	ug/Kg		190	100,000	100,000	190																									
trans-1,3-Dichloropropene	ug/Kg																														
trans-1,4-dichloro-2-butene	ug/Kg																														
Trichloroethene	ug/Kg		470	10,000	21,000	470																									
Trichlorofluoromethane	ug/Kg																														
Trichlorotrifluoroethane	ug/Kg																														
Vinyl chloride	ug/Kg		20	210	900	20																									
1,1,1,2-Tetrachloroethane	ug/Kg																														
Acrolein	ug/Kg																														
Acrylonitrile	ug/Kg																														
Tert-butyl alcohol	ug/Kg																														
Semivolatiles By SW8270D																															
1,1-Biphenyl	ug/Kg																														
1,2,4,5-Tetrachlorobenzene	ug/Kg						< 260	260	U	130																					
1,2,4-Trichlorobenzene	ug/Kg						< 260	260	U	110																					
1,2-Dichlorobenzene	ug/Kg						< 260	260	U	100																					
1,2-Diphenylhydrazine	ug/Kg						< 260	260	U	120																					
1,3-Dichlorobenzene	ug/Kg						< 260	260	U	110																					
1,4-Dichlorobenzene	ug/Kg						< 260	260	U	110																					
2,3,4,6-tetrachlorophenol	ug/Kg																														
2,4,5-Trichlorophenol	ug/Kg						< 260	260	U	200																					
2,4,6-Trichlorophenol	ug/Kg						< 260	260	U	120																					
2,4-Dichlorophenol	ug/Kg						< 260	260	U	130																					
2,4-Dimethylphenol	ug/Kg						< 260	260	U	92																					
2,4-Dinitrophenol	ug/Kg						< 740	740	U	260																					
2,4-Dinitrotoluene	ug/Kg						< 260	260	U	150																					
2,6-Dinitrotoluene	ug/Kg						< 260	260	U	120																					
2-Chloronaphthalene	ug/Kg						< 260	260	U	100																					
2-Chlorophenol	ug/Kg						< 260	260	U	100																					
2-Methylnaphthalene	ug/Kg						< 260	260	U	110																					
2-Methylphenol (o-cresol)	ug/Kg		330	100,000	100,000	330																									
2-Nitroaniline	ug/Kg						< 740	740	U	370																					
2-Nitrophenol	ug/Kg						< 260	260	U	230																					
3&4-Methylphenol (m&p-cresol)	ug/Kg						< 260	260	U	150																					
3,3'-Dichlorobenzidine	ug/Kg						< 740	740	U	170																					
3-Nitroaniline	ug/Kg						< 740	740	U	740																					
4,6-Dinitro-2-methylphenol	ug/Kg						< 1800	1,800	U	400																					
4-Bromophenyl phenyl ether	ug/Kg						< 260	260	U	110																					
4-Chloro-3-methylphenol	ug/Kg						< 260	260	U	130																					
4-Chloroaniline	ug/Kg						< 300	300	U	170																					

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		40 CFR 261.24	NY Part 375 Groundwater Criteria	NY-Res.	NY Part 375 Restricted- Residential Criteria	NY Part 375 Unrestricted Use Criteria	A-FILL COMP 0-5 FT				A-FILL GRAB 0-5 FT				A-CLEAN COMP 5-10 FT				A-CLEAN GRAB 5-10 FT				A-CLEAN COMP 10-15 FT				A-CLEAN GRAB 10-15 FT				
SAMPLING DATE							3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				
LAB SAMPLE ID							BK77683				BK77684				BK77657				BK77658				BK77659				BK77660				
	Units						Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Benzo(a)pyrene	ug/Kg		22,000	1,000	1,000	1,000	760	260		120					< 140	140	U	120					< 140	140	U	110					
Benzo(b)fluoranthene	ug/Kg		1,700	1,000	1,000	1,000	770	260		130					< 250	250	U	120					< 240	240	U	120					
Benzo(ghi)perylene	ug/Kg		1,000,000	100,000	100,000	100,000	470	260		120					< 250	250	U	120					< 240	240	U	110					
Benzo(k)fluoranthene	ug/Kg		1,700	1,000	3,900	800	690	260		120					< 250	250	U	120					< 240	240	U	110					
Benzoic acid	ug/Kg						< 1800	1,800		U 740																					
Benzyl Alcohol	ug/Kg																														
Benzyl butyl phthalate	ug/Kg						< 260	260		U 95					< 250	250	U	92					< 240	240	U	89					
Bis(2-chloroethoxy)methane	ug/Kg						< 260	260		U 100					< 250	250	U	98					< 240	240	U	95					
Bis(2-chloroethyl)ether	ug/Kg						< 260	260		U 100					< 140	140	U	96					< 140	140	U	93					
Bis(2-chloroisopropyl)ether	ug/Kg						< 260	260		U 100					< 250	250	U	99					< 240	240	U	96					
Bis(2-ethylhexyl)phthalate	ug/Kg						180	260		J 110					< 250	250	U	100					< 240	240	U	99					
Caprolactam	ug/Kg														< 250	250	U	250					< 240	240	U	240					
Carbazole	ug/Kg						< 1800	1,800		U 280					< 1800	1,800	U	270					< 1700	1,700	U	260					
Chrysene	ug/Kg		1,000	1,000	3,900	1,000	900	260		120					< 250	250	U	120					< 240	240	U	120					
Dibenz(a,h)anthracene	ug/Kg		1,000,000	330	330	330	120	260		J 120					< 140	140	U	120					< 140	140	U	110					
Dibenzofuran	ug/Kg					7,000	< 260	260		U 110					< 250	250	U	100					< 240	240	U	100					
Diethyl phthalate	ug/Kg						< 260	260		U 120					< 250	250	U	110					< 240	240	U	110					
Dimethylphthalate	ug/Kg						< 260	260		U 110					< 250	250	U	110					< 240	240	U	110					
Di-n-butylphthalate	ug/Kg						< 260	260		U 98					< 250	250	U	95					< 240	240	U	91					
Di-n-octylphthalate	ug/Kg						< 260	260		U 95					< 250	250	U	92					< 240	240	U	89					
Fluoranthene	ug/Kg		1,000,000	100,000	100,000	100,000	1,300	260		120					< 250	250	U	120					< 240	240	U	110					
Fluorene	ug/Kg		386,000	100,000	100,000	30,000	< 260	260		U 120					< 250	250	U	120					< 240	240	U	110					
Hexachlorobenzene	ug/Kg						< 260	260		U 110					< 140	140	U	100					< 140	140	U	100					
Hexachlorobutadiene	ug/Kg						< 260	260		U 130					< 250	250	U	130					< 240	240	U	120					
Hexachlorocyclopentadiene	ug/Kg						< 260	260		U 110					< 250	250	U	110					< 240	240	U	110					
Hexachloroethane	ug/Kg						< 260	260		U 110					< 140	140	U	110					< 140	140	U	100					
Indeno(1,2,3-cd)pyrene	ug/Kg		8,200	500	500	500	480	260		120					< 250	250	U	120					< 240	240	U	110					
Isophorone	ug/Kg						< 260	260		U 100					< 140	140	U	100					< 140	140	U	96					
Naphthalene	ug/Kg		12,000	100,000	100,000	12,000	< 260	260		U 110					< 250	250	U	100					< 240	240	U	99					
Nitrobenzene	ug/Kg						< 260	260		U 130					< 140	140	U	120					< 140	140	U	120					
N-Nitrosodimethylamine	ug/Kg						< 260	260		U 100					< 250	250	U	100					< 240	240	U	97					
N-Nitrosodi-n-propylamine	ug/Kg						< 260	260		U 120					< 140	140	U	120					< 140	140	U	110					
N-Nitrosodiphenylamine	ug/Kg						< 260	260		U 140					< 140	140	U	140					< 140	140	U	130					
Pentachloronitrobenzene	ug/Kg						< 260	260		U 140					< 260	260	U	140													
Pentachlorophenol	ug/Kg		800	2,400	6,700	800	< 260	260		U 140					< 250	250	U	130					< 240	240	U	130					
Phenanthrene	ug/Kg		1,000,000	100,000	100,000	100,000	850	260		110					< 140	140	U	100					< 140	140	U	98					
Phenol	ug/Kg		330	100,000	100,000	330	< 260	260		U 120					< 250	250	U	110					< 240	240	U	110					
Pyrene	ug/Kg		1,000,000	100,000	100,000	100,000	1,300	260		130					< 250	250	U	120					< 240	240	U	120					
Pyridine	ug/Kg						< 260	260		U 91																					
Pesticides - Soil By SW8081B																															
4,4'-DDD	ug/Kg		14,000	2,600	13,000	3.3									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1					
4,4'-DDE	ug/Kg		17,000	1,800	8,900	3.3									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1					
4,4'-DDT	ug/Kg		136,000	1,700	7,900	3.3									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1					
α-BHC	ug/Kg		20	97	480	20									< 7.3	7.3	U	7.3					< 7.0	7.0	U	7.0					
α-Chlordane	ug/Kg		2,900	910	4,200	94									< 3.7	3.7	U	3.7					< 3.5	3.5	U	3.5					
Aldrin	ug/Kg		190	19	97	5									< 3.7	3.7	U	3.7					< 3.5	3.5	U	3.5					
β-BHC	ug/Kg		90	72	360	36									< 7.3	7.3	U	7.3					< 7.0	7.0	U	7.0					
Chlordane	ug/Kg														< 37	37	U	37					< 35	35	U	35					
δ-BHC	ug/Kg		250	100,000	100,000	40									< 7.3	7.3	U	7.3					< 7.0	7.0	U	7.0					
Dieldrin	ug/Kg		100	39	200	5									< 3.7	3.7	U	3.7					< 3.5	3.5	U	3.5					
Endosulfan I	ug/Kg		102,000	4,800	24,000	2,400									< 7.3	7.3	U	7.3					< 7.0	7.0	U	7.0					
Endosulfan II	ug/Kg		102,000	4,800	24,000	2,400									< 7.3	7.3	U	7.3					< 7.0	7.0	U	7.0					
Endosulfan sulfate	ug/Kg		1,000,000	4,800	24,000	2,400									< 7.3	7.3	U	7.3													

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B1/B2 FILL COMP 0-6 FT					B1/B2 FILL GRAB 0-6 FT				B1/B2 CLEAN COMP 6-14 FT				B1/B2 CLEAN GRAB 6-14 FT				B3 FILL 0-5 FT				B3 FILL GRAB 0-5 FT				B3-CLEAN 5-10 FT				B3-CLEAN GRAB 5-10 FT																															
SAMPLING DATE		3/3/2016					3/3/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016																															
LAB SAMPLE ID		BK77687					BK77688				BK77673				BK77674				BK77689				BK77690				BK77661				BK77662																															
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL																													
Miscellaneous/Inorganics																																																														
Percent Solid	%	87					88				94				96				86				86				87				87																															
Corrosivity	Pos/Neg	Negative					U				Negative				U				Negative				U				Negative				U																															
Flash Point	Degree F	>200					200				>200				200				>200				200				>200				200																															
Chromium, Hexavalent	mg/Kg	< 0.42					0.42				U				0.42				< 0.42				U				0.42				< 0.42				0.46																											
Ignitability	degree F	Passed					140				U				Passed				140				U				Passed				140				U																											
pH - Soil	pH Units	8.71					0.10				7.5				0.10				9.8				0.10				8.05				0.10																															
Pyridine	ug/Kg	< 350					350				U				350				< 370				370				U				370																															
Reactivity Cyanide	mg/Kg	< 5.1					5.1				U				0.25				< 5.6				5.6				U				0.28																															
Reactivity Sulfide	mg/Kg	< 20					20				U				< 20				20				U				< 20				20																															
Reactivity	Pos/Neg	Negative					U				Negative				U				Negative				U				Negative				U																															
Redox Potential	mV	210					1.0								Negative				U								200				1.0																															
Metals, Total																																																														
Aluminum	mg/Kg	9,210					38				7.6				5,810					37				7.5					6,020					39				7.8					11,500					37				7.5										
Antimony	mg/Kg	< 1.9					1.9				U				1.9					< 1.9					1.9				U					1.9					< 1.9					1.9				U					1.9									
Arsenic	mg/Kg	5.7					0.8				0.76					2.6					0.7				0.75					4.8					0.8				0.78					3.7					0.7				0.75									
Barium	mg/Kg	454					0.8				0.38					31.1					0.7				0.37					185					0.8				0.39					62.5					0.7				0.37									
Beryllium	mg/Kg	0.47					0.30				0.15					0.27					0.30				B					0.15					0.26					0.31				B					0.16													
Cadmium	mg/Kg	0.68					0.38				0.15					< 0.37					0.37				U					0.15					0.35					0.39				B					0.16													
Calcium	mg/Kg	11,700					38				35					1,140					3.7				3.4					40,000					39				36					1,440					3.7				3.4									
Chromium	mg/Kg	22.7					0.38				0.38					12.5					0.37				0.37					16.5					0.39				0.39					30.5					0.37				0.37									
Cobalt	mg/Kg	8.19					0.38				0.38					5.16					0.37				0.37					4.49					0.39				0.39					8.38					0.37				0.37									
Copper	mg/Kg	41					0.38				0.38					11.1					0.37				0.37					28.5					0.39				0.39					18.4					0.37				0.37									
Iron	mg/Kg	20,600					38				38					12,900					37				37					10,400					39				39					19,100					37				37									
Lead	mg/Kg	634					7.6				3.8					2.9					0.7				0.37					159					0.8				0.39					87.2					0.7				0.37									
Magnesium	mg/Kg	2,710					3.8				3.8					1,790					3.7				3.7					8,790					39				39					2,100					3.7				3.7									
Manganese	mg/Kg	512					3.8				3.8					266					3.7				3.7					194					3.9				3.9					370					3.7				3.7									
Mercury	mg/Kg	0.58					0.03				0.02					< 0.03					0.03				U					0.02					0.17					0.03				0.02					0.1					0.03				0.02				
Molybdenum	mg/Kg	< 0.37					0.37				U					0.37					0.37					< 0.37					0.37				U					0.37					0.37																	
Nickel	mg/Kg	15.5					0.38				0.38					9.27					0.37				0.37					13.1					0.39				0.39					13.4					0.37				0.37									
Potassium	mg/Kg	974					8				2.9					753					7				2.9					964					8				3.0					818					7				2.9									
Selenium	mg/Kg	< 1.5					1.5				U					1.3					< 1.5					1.5				U					1.3					< 1.5					1.5				U					1.3								
Silver	mg/Kg	< 0.38					0.38				U					0.38					< 0.37					0.37				U					0.37					< 0.39					0.39				U					0.39								
Sodium	mg/Kg	179					8				3.3					134					7				3.2					177					8				3.3					57					7				3.2									
Thallium	mg/Kg	< 1.5					1.5				U					1.5					< 1.6					1.6				U					1.6					< 1.5					1.5				U					1.5								
Vanadium	mg/Kg	32.3					0.4				0.38					18.9					0.4				0.37					25					0.4				0.39					31.7					0.4				0.37									
Zinc	mg/Kg	215					7.6				3.8					20.3					0.7				0.37					116					0.8				0.39					89.4					0.7				0.37									
Metals, TCLP																																																														
TCLP Aluminum	mg/L																																																													
TCLP Antimony	mg/L	< 0.10					0.10				U					0.040					< 0.10					0.10				U					0.040					< 0.10					0.10				U					0.040								
TCLP Arsenic	mg/L	0.81					0.10				0.010					0.3					0.10				0.010					0.69					0.10				0.010					0.73					0.10				0.010									
TCLP Barium	mg/L	0.006					0.050				B					0.0050					< 0.050					0.050				U					0.0050					0.016					0.050				B					0.0050								
TCLP Beryllium	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Cadmium	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Calcium	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Chromium	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Cobalt	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Copper	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Iron	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Lead	mg/L	1.74					0.10				0.010					< 0.10					0.10				U					0.010					0.12					0.10				0.010					0.26					0.10				0.010				
TCLP Magnesium	mg/L	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					0.03					0.10				B					0.010								
TCLP Manganese	mg/L	< 0.0002					0.0002				U					0.00015					< 0.0002					0.0002				U					0.00015					< 0.0002					0.0002				U					0.00015								
TCLP Mercury	mg/L	< 0.10					0.10				U					0.10					< 0.10					0.10				U					0.10					< 0.10					0.10				U					0.10								
TCLP Nickel	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TCLP Selenium	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TCLP Silver	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TCLP Thallium	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TCLP Vanadium	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TCLP Zinc	mg/L	< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02					< 0.10					0.10				U					0.02								
TPH By SW8015D DRO																																																														
Diesel Range Organics (C10-C28)	mg/Kg	< 110					110				U					110					< 120					120				U					120					< 120					120				U					120								
SVOA TICS																																																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg	< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010					< 0.10					0.10				U					0.010								

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B1/B2 FILL COMP 0-6 FT					B1/B2 FILL GRAB 0-6 FT					B1/B2 CLEAN COMP 6-14 FT					B1/B2 CLEAN GRAB 6-14 FT					B3 FILL 0-5 FT					B3 FILL GRAB 0-5 FT					B3-CLEAN 5-10 FT					B3-CLEAN GRAB 5-10 FT				
SAMPLING DATE		3/3/2016					3/3/2016					3/9/2016					3/9/2016					3/3/2016					3/3/2016					3/9/2016					3/9/2016				
LAB SAMPLE ID		BK77687					BK77688					BK77673					BK77674					BK77689					BK77690					BK77661					BK77662				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL								
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																								
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg									1,300			4	JN																											
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																								
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																								
Hexadecanoic acid (RT 6.690)	ug/Kg																																								
Tetradecanoic acid (RT 6.700)	ug/Kg																																								
Unknown (RT 9.500)	ug/Kg																																								
Unknown (RT 1.520)	ug/Kg																																								
Unknown (RT 1.740)	ug/Kg																																								
Unknown (RT 3.330)	ug/Kg																																								
Unknown (RT 8.150)	ug/Kg									620			4	JN																											
Unknown (RT 1.300)	ug/Kg																																								
Unknown (RT 1.530)	ug/Kg																																								
Unknown (RT 7.490)	ug/Kg																																								
Unknown (RT 8.010)	ug/Kg																																								
Unknown (RT 1.460)	ug/Kg																																								
Unknown (RT 1.480)	ug/Kg																																								
Unknown (RT 1.520)	ug/Kg																																								
Unknown (RT 7.930)	ug/Kg																																								
VOA TICS																																									
unknown (RT 3.338)	ug/Kg																																								
unknown (RT 4.023)	ug/Kg																																								
PCBs By SW8082A																																									
PCB-1016	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1221	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1232	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1242	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1248	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1254	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1260	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1262	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
PCB-1268	ug/Kg	< 38	38	U	38					< 35	35	U	35					< 39	39	U	39					< 38	38	U	38												
Volatiles By SW8260C																																									
1,1,1,2-Tetrachloroethane	ug/Kg																																								
1,1,1-Trichloroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,1,2,2-Tetrachloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,1,2-Trichloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,1-Dichloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,1-Dichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,1-Dichloropropene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2,3-Trichlorobenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,2,3-Trichloropropane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2,4-Trichlorobenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,2,4-Trimethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2-Dibromo-3-chloropropane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,2-Dibromoethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2-Dichlorobenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2-Dichloroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,2-Dichloropropane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1								
1,3,5-Trimethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55								
1,3-Dichlorobenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5										

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B1/B2 FILL COMP 0-6 FT				B1/B2 FILL GRAB 0-6 FT				B1/B2 CLEAN COMP 6-14 FT				B1/B2 CLEAN GRAB 6-14 FT				B3 FILL 0-5 FT				B3 FILL GRAB 0-5 FT				B3-CLEAN 5-10 FT				B3-CLEAN GRAB 5-10 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77687				BK77688				BK77673				BK77674				BK77689				BK77690				BK77661				BK77662			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
Dibromochloromethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
Dibromomethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Dichlorodifluoromethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Ethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Hexachlorobutadiene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Isopropylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
m&p-Xylene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
Methyl Ethyl Ketone	ug/Kg					< 35	35	U	5.9					< 31	31	U	5.2					< 36	36	U	6.0					< 33	33	U	5.5
Methyl t-butyl ether (MTBE)	ug/Kg					< 12	12	U	1.2					< 10	10	U	1.0					< 12	12	U	1.2					< 11	11	U	1.1
Methylacetate	ug/Kg																																
Methylcyclohexane	ug/Kg																																
Methylene chloride	ug/Kg					< 5.9	5.9	U	5.9					< 5.2	5.2	U	5.2					< 6.0	6.0	U	6.0					< 5.5	5.5	U	5.5
Naphthalene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
n-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
n-Propylbenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
o-Xylene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
p-Isopropyltoluene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
sec-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Styrene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
tert-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Tetrachloroethene	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
Tetrahydrofuran (THF)	ug/Kg					< 12	12	U	2.9					< 10	10	U	2.6					< 12	12	U	3.0					< 11	11	U	2.8
Toluene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Total Xylenes	ug/Kg																																
trans-1,2-Dichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
trans-1,3-Dichloropropene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
trans-1,4-dichloro-2-butene	ug/Kg					< 12	12	U	2.9					< 10	10	U	2.6					< 12	12	U	3.0					< 11	11	U	2.8
Trichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Trichlorofluoromethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.2	5.2	U	1.0					< 6.0	6.0	U	1.2					< 5.5	5.5	U	1.1
Trichlorotrifluoroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
Vinyl chloride	ug/Kg					< 5.9	5.9	U	0.59					< 5.2	5.2	U	0.52					< 6.0	6.0	U	0.60					< 5.5	5.5	U	0.55
1,1,1,2-Tetrachloroethane	ug/Kg					< 23	23	U	1.2					< 21	21	U	1.0					< 24	24	U	1.2					< 22	22	U	1.1
Acrolein	ug/Kg					< 23	23	U	2.9					< 21	21	U	2.6					< 24	24	U	3.0					< 22	22	U	2.8
Acrylonitrile	ug/Kg					< 23	23	U	0.59					< 21	21	U	0.52					< 24	24	U	0.60					< 22	22	U	0.55
Tert-butyl alcohol	ug/Kg					< 120	120	U	23					< 100	100	U	21					< 120	120	U	24					< 110	110	U	22
Semivolatiles By SW8270D																																	
1,1-Biphenyl	ug/Kg									< 250	250	U	110													< 260	260	U	110				
1,2,4,5-Tetrachlorobenzene	ug/Kg					< 270	270	U	130					< 250	250	U	120					< 270	270	U	140					< 260	260	U	130
1,2,4-Trichlorobenzene	ug/Kg					< 270	270	U	120					< 270	270	U	120					< 270	270	U	120								
1,2-Dichlorobenzene	ug/Kg					< 270	270	U	110					< 270	270	U	110					< 270	270	U	110								
1,2-Diphenylhydrazine	ug/Kg					< 270	270	U	120					< 270	270	U	130					< 270	270	U	130								
1,3-Dichlorobenzene	ug/Kg					< 270	270	U	110					< 270	270	U	110					< 270	270	U	110								
1,4-Dichlorobenzene	ug/Kg					< 270	270	U	110					< 270	270	U	110					< 270	270	U	110								
2,3,4,6-tetrachlorophenol	ug/Kg									< 250	250	U	170													< 260	260	U	180				
2,4,5-Trichlorophenol	ug/Kg					< 270	270	U	210					< 250	250	U	190					< 270	270	U	210					< 260	260	U	210
2,4,6-Trichlorophenol	ug/Kg					< 270	270	U	120					< 140	140	U	110					< 270	270	U	120					< 150	150	U	120
2,4-Dichlorophenol	ug/Kg					< 270	270	U	130					< 140	140	U	120					< 270	270	U	140					< 150	150	U	130
2,4-Dimethylphenol	ug/Kg					< 2																											

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B1/B2 FILL COMP 0-6 FT				B1/B2 FILL GRAB 0-6 FT				B1/B2 CLEAN COMP 6-14 FT				B1/B2 CLEAN GRAB 6-14 FT				B3 FILL 0-5 FT				B3 FILL GRAB 0-5 FT				B3-CLEAN 5-10 FT				B3-CLEAN GRAB 5-10 FT							
SAMPLING DATE		3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016							
LAB SAMPLE ID		BK77687				BK77688				BK77673				BK77674				BK77689				BK77690				BK77661				BK77662							
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Benzo(a)pyrene	ug/Kg	2,200	270		120									< 140	140	U	110								770	270		130									
Benzo(b)fluoranthene	ug/Kg	2,000	270		130									< 250	250	U	120								630	270		130			< 260	260	U	130			
Benzo(ghi)perylene	ug/Kg	1,300	270		120									< 250	250	U	110								480	270		130			< 260	260	U	120			
Benzo(k)fluoranthene	ug/Kg	1,900	270		130									< 250	250	U	120								660	270		130			< 260	260	U	120			
Benzoic acid	ug/Kg					< 1900	1,900	U	770																< 1900	1,900	U	770									
Benzyl Alcohol	ug/Kg																																				
Benzyl butyl phthalate	ug/Kg					< 270	270	U	99					< 250	250	U	91								< 270	270	U	100			< 260	260	U	97			
Bis(2-chloroethoxy)methane	ug/Kg					< 270	270	U	110					< 250	250	U	97								< 270	270	U	110			< 260	260	U	100			
Bis(2-chloroethyl)ether	ug/Kg					< 270	270	U	100					< 140	140	U	95								< 270	270	U	100			< 150	150	U	100			
Bis(2-chloroisopropyl)ether	ug/Kg					< 270	270	U	110					< 250	250	U	98								< 270	270	U	110			< 260	260	U	100			
Bis(2-ethylhexyl)phthalate	ug/Kg					770	270		110					< 250	250	U	100								< 270	270	U	110			< 260	260	U	110			
Caprolactam	ug/Kg													< 250	250	U	250													< 260	260	U	260				
Carbazole	ug/Kg					< 1900	1,900	U	290					< 1800	1,800	U	270								< 1900	1,900	U	290			< 1900	1,900	U	280			
Chrysene	ug/Kg					2,600	270		130					< 250	250	U	120								840	270		130			< 260	260	U	130			
Dibenz(a,h)anthracene	ug/Kg					240	270	J	120					< 140	140	U	110								< 270	270	U	130			< 150	150	U	120			
Dibenzofuran	ug/Kg					140	270	J	110					< 250	250	U	100								< 270	270	U	110			< 260	260	U	110			
Diethyl phthalate	ug/Kg					< 270	270	U	120					< 250	250	U	110								< 270	270	U	120			< 260	260	U	120			
Dimethylphthalate	ug/Kg					< 270	270	U	120					< 250	250	U	110								< 270	270	U	120			< 260	260	U	120			
Di-n-butylphthalate	ug/Kg					< 270	270	U	100					< 250	250	U	94								< 270	270	U	100			< 260	260	U	100			
Di-n-octylphthalate	ug/Kg					< 270	270	U	99					< 250	250	U	91								< 270	270	U	100			< 260	260	U	97			
Fluoranthene	ug/Kg					5,400	270		120					< 250	250	U	110								1,700	270		130			< 260	260	U	120			
Fluorene	ug/Kg					230	270	J	130					< 250	250	U	120								< 270	270	U	130			< 260	260	U	120			
Hexachlorobenzene	ug/Kg					< 270	270	U	110					< 140	140	U	100								< 270	270	U	110			< 150	150	U	110			
Hexachlorobutadiene	ug/Kg					< 270	270	U	140					< 250	250	U	130								< 270	270	U	140			< 260	260	U	140			
Hexachlorocyclopentadiene	ug/Kg					< 270	270	U	120					< 250	250	U	110								< 270	270	U	120			< 260	260	U	110			
Hexachloroethane	ug/Kg					< 270	270	U	110					< 140	140	U	110								< 270	270	U	120			< 150	150	U	110			
Indeno(1,2,3-cd)pyrene	ug/Kg					1,500	270		130					< 250	250	U	120								510	270		130			< 260	260	U	120			
Isophorone	ug/Kg					< 270	270	U	110					< 140	140	U	99								< 270	270	U	110			< 150	150	U	100			
Naphthalene	ug/Kg					< 270	270	U	110					< 250	250	U	100								< 270	270	U	110			< 260	260	U	110			
Nitrobenzene	ug/Kg					< 270	270	U	130					< 140	140	U	120								< 270	270	U	140			< 150	150	U	130			
N-Nitrosodimethylamine	ug/Kg					< 270	270	U	110					< 250	250	U	99								< 270	270	U	110			< 260	260	U	110			
N-Nitrosodi-n-propylamine	ug/Kg					< 270	270	U	120					< 140	140	U	110								< 270	270	U	130			< 150	150	U	120			
N-Nitrosodiphenylamine	ug/Kg					< 270	270	U	150					< 140	140	U	140								< 270	270	U	150			< 150	150	U	140			
Pentachloronitrobenzene	ug/Kg					< 270	270	U	140					< 270	270	U	140								< 270	270	U	140									
Pentachlorophenol	ug/Kg					< 270	270	U	140					< 250	250	U	130								< 270	270	U	150			< 260	260	U	140			
Phenanthrene	ug/Kg					3,000	270		110					< 140	140	U	100								900	270		110			< 150	150	U	110			
Phenol	ug/Kg					< 270	270	U	120					< 250	250	U	110								< 270	270	U	120			< 260	260	U	120			
Pyrene	ug/Kg					4,800	270		130					< 250	250	U	120								1,700	270		130			< 260	260	U	130			
Pyridine	ug/Kg					< 270	270	U	94																< 270	270	U	95									
Pesticides - Soil By SW8081B																																					
4,4'-DDD	ug/Kg													< 2.1	2.1	U	2.1													< 2.3	2.3	U	2.3				
4,4'-DDE	ug/Kg													< 2.1	2.1	U	2.1													< 2.3	2.3	U	2.3				
4,4'-DDT	ug/Kg													< 2.1	2.1	U	2.1													< 3.0	3.0	U	3.0				
a-BHC	ug/Kg													< 7.0	7.0	U	7.0													< 7.6	7.6	U	7.6				
a-Chlordane	ug/Kg													< 3.5	3.5	U	3.5													< 3.8	3.8	U	3.8				
Aldrin	ug/Kg													< 3.5	3.5	U	3.5													< 3.8	3.8	U	3.8				
b-BHC	ug/Kg													< 7.0	7.0	U	7.0													< 7.6	7.6	U	7.6				
Chlordane	ug/Kg													< 35	35	U	35													< 38	38	U	38				
d-BHC	ug/Kg													< 7.0	7.0	U	7.0													< 7.6	7.6	U	7.6				
Dieldrin	ug/Kg													< 3.5	3.5	U	3.5													< 3.8	3.8	U	3.8				
Endosulfan I	ug/Kg													< 7.0	7.0	U	7.0													< 7.6	7.6	U	7.6				
Endosulfan II	ug/Kg							</																													

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B3-CLEAN 10-15 FT				B3-CLEAN GRAB 10-15 FT				C-FILL COMP 0-7 FT				C-FILL GRAB 0-7 FT				C-CLEAN COMP 7-11 FT				C-CLEAN GRAB 7-11 FT				C-CLEAN COMP 11-15 FT				C-CLEAN GRAB 11-15 FT							
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016							
LAB SAMPLE ID		BK77663				BK77664				BK77681				BK77682				BK77653				BK77654				BK77655				BK77656							
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL								
Miscellaneous/Inorganics																																					
Percent Solid	%	95				94				86				84				94				94				94				94							
Corrosivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U							
Flash Point	Degree F	>200				200				>200				200				>200				200				>200				200							
Chromium, Hexavalent	mg/Kg	0.43				0.42				0.43				0.42				0.54				0.42				0.65				0.43							
Ignitability	degree F	Passed				140				Passed				140				Passed				140				Passed				140							
pH - Soil	pH Units	8.38				0.10				8.57				0.10				7.16				0.10				7.81				0.10							
Pyridine	ug/Kg	< 350				350				< 350				350				< 350				350				< 350				350							
Reactivity Cyanide	mg/Kg	< 5.2				5.2				< 5.6				5.6				< 5.2				5.2				< 5.3				5.3							
Reactivity Sulfide	mg/Kg	< 20				20				< 20				20				< 20				20				< 20				20							
Reactivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U							
Redox Potential	mV	190				1.0												190				1.0								200				1.0			
Metals, Total																																					
Aluminum	mg/Kg	4,920				32				6.3				8,570				35				7.0				4,140				33				6.6			
Antimony	mg/Kg	< 1.6				1.6				U				1.6				< 1.6				1.6				U				1.6							
Arsenic	mg/Kg	1.7				0.6				0.63				6.2				0.7				0.70				1.2				0.7							
Barium	mg/Kg	24.5				0.6				0.32				521				0.7				0.35				35.6				0.7							
Beryllium	mg/Kg	0.28				0.25				0.13				0.45				0.28				0.14				0.3				0.26							
Cadmium	mg/Kg	< 0.32				0.32				U				0.58				0.35				0.14				0.23				0.33							
Calcium	mg/Kg	740				3.2				2.9				25,200				35				32				1,010				3.3							
Chromium	mg/Kg	9.64				0.32				0.32				91.5				0.35				0.35				13				0.33							
Cobalt	mg/Kg	4.18				0.32				0.32				7.05				0.35				0.35				4.92				0.33							
Copper	mg/kg	8.53				0.32				0.32				51.8				0.35				0.35				10.5				0.33							
Iron	mg/Kg	9,980				32				32				18,400				35				35				18,500				33							
Lead	mg/Kg	3.3				0.6				0.32				706				7.0				3.5				4.1				0.7							
Magnesium	mg/Kg	1,560				3.2				3.2				3,710				3.5				3.5				1,420				3.3							
Manganese	mg/Kg	252				3.2				3.2				362				3.5				3.5				359				3.3							
Mercury	mg/Kg	< 0.02				0.02				U				0.02				0.02				0.02				< 0.03				0.03							
Molybdenum	mg/Kg	< 0.32				0.32				U				0.32				0.32				0.32				< 0.33				0.33							
Nickel	mg/Kg	8.34				0.32				0.32				23				0.35				0.35				7.97				0.33							
Potassium	mg/Kg	613				6				2.5				1,080				7				2.7				728				7							
Selenium	mg/Kg	< 1.3				1.3				U				1.1				< 1.4				1.4				< 1.3				1.3							
Silver	mg/Kg	< 0.32				0.32				U				0.32				< 0.35				0.35				< 0.33				0.33							
Sodium	mg/Kg	56				6				2.7				236				7				3.0				107				7							
Thallium	mg/Kg	< 1.3				1.3				U				1.3				< 1.4				1.4				< 1.3				1.3							
Vanadium	mg/Kg	13.9				0.3				0.32				30.3				0.4				0.35				22.5				0.3							
Zinc	mg/Kg	17.2				0.6				0.32				296				7.0				3.5				20.7				0.7							
Metals, TCLP																																					
TCLP Aluminum	mg/L																																				
TCLP Antimony	mg/L																																				
TCLP Arsenic	mg/L	< 0.10				0.10				U				0.040				< 0.10				0.10				< 0.10				0.10							
TCLP Barium	mg/L	0.24				0.10				0.010				0.41				0.10				0.010				0.37				0.10							
TCLP Beryllium	mg/L	< 0.050				0.050				U				0.0050				< 0.050				0.050				< 0.050				0.050							
TCLP Cadmium	mg/L	< 0.050				0.050				U				0.0050				< 0.050				0.050				< 0.050				0.050							
TCLP Calcium	mg/L	< 0.10				0.10				U				0.010				< 0.10				0.10				< 0.10				0.10							
TCLP Chromium	mg/L	< 0.10				0.10				U				0.010				< 0.10				0.10				< 0.10				0.10							
TCLP Cobalt	mg/L																																				
TCLP Copper	mg/L																																				
TCLP Iron	mg/L	< 0.10				0.10				U				0.010				< 0.10				0.10				< 0.10				0.10							
TCLP Lead	mg/L	< 0.10				0.10				U				0.010				< 0.10				0.10				< 0.10				0.10							
TCLP Magnesium	mg/L																																				
TCLP Manganese	mg/L	< 0.0002				0.0002				U				0.00015				< 0.0002				0.0002				< 0.0002				0.00015							
TCLP Mercury	mg/L	< 0.10				0.10				U				0.10				< 0.10				0.10				< 0.10				0.10							
TCLP Nickel	mg/L	< 0.10				0.10				U				0.010				< 0.10				0.10				< 0.10				0.10							
TCLP Selenium	mg/L	< 0.10				0.10				U				0.02				< 0.10				0.10				< 0.10				0.10							
TCLP Silver	mg/L	< 0.10				0.10				U				0.02				< 0.10				0.10				< 0.10				0.10							
TCLP Thallium	mg/L																																				
TCLP Vanadium	mg/L																																				
TCLP Zinc	mg/L																																				
TPH By SW8015D DRO																																					
Diesel Range Organics (C10-C28)	mg/Kg									< 120				120				U				120															
SVOA TICS																																					
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg	78,000				4				JNA																											
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																				

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B3-CLEAN 10-15 FT				B3-CLEAN GRAB 10-15 FT				C-FILL COMP 0-7 FT				C-FILL GRAB 0-7 FT				C-CLEAN COMP 7-11 FT				C-CLEAN GRAB 7-11 FT				C-CLEAN COMP 11-15 FT				C-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77663				BK77664				BK77681				BK77682				BK77653				BK77654				BK77655				BK77656			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg	3,300		4	JN																												
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																									690		4	JN				
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																	830		4	JN												
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																
Hexadecanoic acid (RT 6.690)	ug/Kg																																
Tetradecanoic acid (RT 6.700)	ug/Kg																																
Unknown (RT 9.500)	ug/Kg																																
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 1.740)	ug/Kg																																
Unknown (RT 3.330)	ug/Kg																																
Unknown (RT 8.150)	ug/Kg																									620		4	JN				
Unknown (RT 1.300)	ug/Kg																																
Unknown (RT 1.530)	ug/Kg																																
Unknown (RT 7.490)	ug/Kg																																
Unknown (RT 8.010)	ug/Kg																																
Unknown (RT 1.460)	ug/Kg																																
Unknown (RT 1.480)	ug/Kg																																
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 7.930)	ug/Kg																																
VOA TICS																																	
unknown (RT 3.338)	ug/Kg																																
unknown (RT 4.023)	ug/Kg																																
PCBs By SW8082A																																	
PCB-1016	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1221	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1232	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1242	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1248	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1254	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1260	ug/Kg	< 35	35	U	35					230	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1262	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
PCB-1268	ug/Kg	< 35	35	U	35					< 39	39	U	39					< 35	35	U	35					< 35	35	U	35				
Volatiles By SW8260C																																	
1,1,1,2-Tetrachloroethane	ug/Kg																																
1,1,1-Trichloroethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,1,2,2-Tetrachloroethane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,1,2-Trichloroethane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,1-Dichloroethane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,1-Dichloroethene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,1-Dichloropropene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2,3-Trichlorobenzene	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,2,3-Trichloropropane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2,4-Trichlorobenzene	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,2,4-Trimethylbenzene	ug/Kg					< 5.5	5.5	U	0.55					1.6	5.8	J	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2-Dibromo-3-chloropropane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,2-Dibromoethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2-Dichlorobenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2-Dichloroethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,2-Dichloropropane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
1,3,5-Trimethylbenzene	ug/Kg					< 5.5	5.5	U	0.55					1.2	5.8	J	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,3-Dichlorobenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58																

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B3-CLEAN 10-15 FT				B3-CLEAN GRAB 10-15 FT				C-FILL COMP 0-7 FT				C-FILL GRAB 0-7 FT				C-CLEAN COMP 7-11 FT				C-CLEAN GRAB 7-11 FT				C-CLEAN COMP 11-15 FT				C-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77663				BK77664				BK77681				BK77682				BK77653				BK77654				BK77655				BK77656			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
Dibromochloromethane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
Dibromomethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Dichlorodifluoromethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Ethylbenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Hexachlorobutadiene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Isopropylbenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
m&p-Xylene	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
Methyl Ethyl Ketone	ug/Kg					< 33	33	U	5.5					< 35	35	U	5.8					< 33	33	U	5.4					< 33	33	U	5.4
Methyl t-butyl ether (MTBE)	ug/Kg					< 11	11	U	1.1					< 12	12	U	1.2					< 11	11	U	1.1					< 11	11	U	1.1
Methylacetate	ug/Kg																																
Methylcyclohexane	ug/Kg																																
Methylene chloride	ug/Kg					< 5.5	5.5	U	5.5					< 5.8	5.8	U	5.8					< 5.4	5.4	U	5.4					< 5.4	5.4	U	5.4
Naphthalene	ug/Kg					< 5.5	5.5	U	1.1					1.3	5.8	J	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
n-Butylbenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
n-Propylbenzene	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
o-Xylene	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
p-Isopropyltoluene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
sec-Butylbenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Styrene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
tert-Butylbenzene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Tetrachloroethene	ug/Kg					< 5.5	5.5	U	1.1					2.3	5.8	J	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
Tetrahydrofuran (THF)	ug/Kg					< 11	11	U	2.7					< 12	12	U	2.9					< 11	11	U	2.7					< 11	11	U	2.7
Toluene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Total Xylenes	ug/Kg																																
trans-1,2-Dichloroethene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
trans-1,3-Dichloropropene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
trans-1,4-dichloro-2-butene	ug/Kg					< 11	11	U	2.7					< 12	12	U	2.9					< 11	11	U	2.7					< 11	11	U	2.7
Trichloroethene	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Trichlorofluoroethane	ug/Kg					< 5.5	5.5	U	1.1					< 5.8	5.8	U	1.2					< 5.4	5.4	U	1.1					< 5.4	5.4	U	1.1
Trichlorotrifluoroethane	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
Vinyl chloride	ug/Kg					< 5.5	5.5	U	0.55					< 5.8	5.8	U	0.58					< 5.4	5.4	U	0.54					< 5.4	5.4	U	0.54
1,1,1,2-Tetrachloroethane	ug/Kg					< 22	22	U	1.1					< 23	23	U	1.2					< 22	22	U	1.1					< 22	22	U	1.1
Acrolein	ug/Kg					< 22	22	U	2.7					< 23	23	U	2.9					< 22	22	U	2.7					< 22	22	U	2.7
Acrylonitrile	ug/Kg					< 22	22	U	0.55					< 23	23	U	0.58					< 22	22	U	0.54					< 22	22	U	0.54
Tert-butyl alcohol	ug/Kg					< 110	110	U	22					< 120	120	U	23					< 110	110	U	22					< 110	110	U	22
Semivolatiles By SW8270D																																	
1,1-Biphenyl	ug/Kg	< 240	240	U	110									< 240	240	U	110					< 240	240	U	110					< 240	240	U	110
1,2,4,5-Tetrachlorobenzene	ug/Kg	< 240	240	U	120					< 270	270	U	140					< 240	240	U	120					< 240	240	U	120				
1,2,4-Trichlorobenzene	ug/Kg									< 270	270	U	120																				
1,2-Dichlorobenzene	ug/Kg									< 270	270	U	110																				
1,2-Diphenylhydrazine	ug/Kg									< 270	270	U	130																				
1,3-Dichlorobenzene	ug/Kg									< 270	270	U	110																				
1,4-Dichlorobenzene	ug/Kg									< 270	270	U	110																				
2,3,4,6-tetrachlorophenol	ug/Kg	< 240	240	U	160									< 240	240	U	160					< 240	240	U	160					< 240	240	U	160
2,4,5-Trichlorophenol	ug/Kg	< 240	240	U	190					< 270	270	U	210					< 240	240	U	190					< 240	240	U	190				
2,4,6-Trichlorophenol	ug/Kg	< 140	140	U	110					< 270	270	U	120					< 140	140	U	110					< 140	140	U	110				
2,4-Dichlorophenol	ug/Kg	< 140	140	U	120					< 270	270	U	140					< 140	140	U	120					< 140	140	U	120				
2,4-Dimethylphenol	ug/Kg	< 240	240	U	87					< 270	270	U	96					< 240	240	U	86					< 240	240	U	87				
2,4-Dinitrophenol	ug/Kg	< 240	240	U	240					< 770	770	U	270					< 240	240	U	240												

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		B3-CLEAN 10-15 FT				B3-CLEAN GRAB 10-15 FT				C-FILL COMP 0-7 FT				C-FILL GRAB 0-7 FT				C-CLEAN COMP 7-11 FT				C-CLEAN GRAB 7-11 FT				C-CLEAN COMP 11-15 FT				C-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77663				BK77664				BK77681				BK77682				BK77653				BK77654				BK77655				BK77656			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Benzo(a)pyrene	ug/Kg	< 140	140	U	110					640	270		130					< 140	140	U	110					< 140	140	U	110				
Benzo(b)fluoranthene	ug/Kg	< 240	240	U	120					640	270		130					< 240	240	U	120					< 240	240	U	120				
Benzo(ghi)perylene	ug/Kg	< 240	240	U	110					370	270		130					< 240	240	U	110					< 240	240	U	110				
Benzo(k)fluoranthene	ug/Kg	< 240	240	U	120					690	270		130					< 240	240	U	120					< 240	240	U	120				
Benzoic acid	ug/Kg									< 1900	1,900	U	770																				
Benzyl Alcohol	ug/Kg																																
Benzyl butyl phthalate	ug/Kg	< 240	240	U	90					760	270		100					< 240	240	U	89					< 240	240	U	90				
Bis(2-chloroethoxy)methane	ug/Kg	< 240	240	U	97					< 270	270	U	110					< 240	240	U	96					< 240	240	U	96				
Bis(2-chloroethyl)ether	ug/Kg	< 140	140	U	94					< 270	270	U	100					< 140	140	U	94					< 140	140	U	94				
Bis(2-chloroisopropyl)ether	ug/Kg	< 240	240	U	97					< 270	270	U	110					< 240	240	U	96					< 240	240	U	97				
Bis(2-ethylhexyl)phthalate	ug/Kg	< 240	240	U	100					30,000	2,700		1100					< 240	240	U	100					< 240	240	U	100				
Caprolactam	ug/Kg	< 240	240	U	240													< 240	240	U	240					< 240	240	U	240				
Carbazole	ug/Kg	< 1700	1,700	U	270					< 1900	1,900	U	290					< 1700	1,700	U	260					< 1700	1,700	U	260				
Chrysene	ug/Kg	< 240	240	U	120					850	270		130					< 240	240	U	120					< 240	240	U	120				
Dibenz(a,h)anthracene	ug/Kg	< 140	140	U	110					< 270	270	U	130					< 140	140	U	110					< 140	140	U	110				
Dibenzofuran	ug/Kg	< 240	240	U	100					< 270	270	U	110					< 240	240	U	100					< 240	240	U	100				
Diethyl phthalate	ug/Kg	< 240	240	U	110					< 270	270	U	120					< 240	240	U	110					< 240	240	U	110				
Dimethylphthalate	ug/Kg	< 240	240	U	110					< 270	270	U	120					< 240	240	U	110					< 240	240	U	110				
Di-n-butylphthalate	ug/Kg	< 240	240	U	93					130	270	J	100					< 240	240	U	92					< 240	240	U	93				
Di-n-octylphthalate	ug/Kg	< 240	240	U	90					240	270	J	100					< 240	240	U	89					< 240	240	U	90				
Fluoranthene	ug/Kg	< 240	240	U	110					1,400	270		130					< 240	240	U	110					< 240	240	U	110				
Fluorene	ug/Kg	< 240	240	U	120					< 270	270	U	130					< 240	240	U	110					< 240	240	U	120				
Hexachlorobenzene	ug/Kg	< 140	140	U	100					< 270	270	U	110					< 140	140	U	100					< 140	140	U	100				
Hexachlorobutadiene	ug/Kg	< 240	240	U	130					< 270	270	U	140					< 240	240	U	130					< 240	240	U	130				
Hexachlorocyclopentadiene	ug/Kg	< 240	240	U	110					< 270	270	U	120					< 240	240	U	110					< 240	240	U	110				
Hexachloroethane	ug/Kg	< 140	140	U	100					< 270	270	U	120					< 140	140	U	100					< 140	140	U	100				
Indeno(1,2,3-cd)pyrene	ug/Kg	< 240	240	U	120					380	270		130					< 240	240	U	120					< 240	240	U	120				
Isophorone	ug/Kg	< 140	140	U	98					< 270	270	U	110					< 140	140	U	97					< 140	140	U	98				
Naphthalene	ug/Kg	< 240	240	U	100					< 270	270	U	110					< 240	240	U	100					< 240	240	U	100				
Nitrobenzene	ug/Kg	< 140	140	U	120					< 270	270	U	140					< 140	140	U	120					< 140	140	U	120				
N-Nitrosodimethylamine	ug/Kg	< 240	240	U	99					< 270	270	U	110					< 240	240	U	98					< 240	240	U	98				
N-Nitrosodi-n-propylamine	ug/Kg	< 140	140	U	110					< 270	270	U	130					< 140	140	U	110					< 140	140	U	110				
N-Nitrosodiphenylamine	ug/Kg	< 140	140	U	130					< 270	270	U	150					< 140	140	U	130					< 140	140	U	130				
Pentachloronitrobenzene	ug/Kg									< 270	270	U	140																				
Pentachlorophenol	ug/Kg	< 240	240	U	130					< 270	270	U	150					< 240	240	U	130					< 240	240	U	130				
Phenanthrene	ug/Kg	< 140	140	U	100					1,100	270		110					< 140	140	U	99					< 140	140	U	100				
Phenol	ug/Kg	< 240	240	U	110					< 270	270	U	120					< 240	240	U	110					< 240	240	U	110				
Pyrene	ug/Kg	< 240	240	U	120					1,200	270		130					< 240	240	U	120					< 240	240	U	120				
Pyridine	ug/Kg									< 270	270	U	95																				
Pesticides - Soil By SW8081B																																	
4,4'-DDD	ug/Kg	< 2.1	2.1	U	2.1													< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1				
4,4'-DDE	ug/Kg	< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1				
4,4'-DDT	ug/Kg	< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1				
α-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1				
α-Chlordane	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5				
Aldrin	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5				
β-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1				
Chlordane	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 35	35	U	35					< 35	35	U	35				
δ-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1					< 7.1	7.1	U	7.1				
Dieldrin	ug/Kg	<																															

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		D FILL COMP 0-5 FT				D FILL GRAB 0-5 FT				D-CLEAN COMP 5-10 FT				D-CLEAN GRAB 5-10 FT				D-CLEAN COMP 10-15 FT				D-CLEAN GRAB 10-15 FT				E1 COMP 0-5 FT				E1 GRAB 0-5 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016			
LAB SAMPLE ID		BK77691				BK77692				BK77669				BK77670				BK77671				BK77672				BK77699				BK77700			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																																	
Percent Solid	%	84				82				90				90				93				92				91				92			
Corrosivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U			
Flash Point	Degree F	>200 200				>200 200				>200 200				>200 200				>200 200				>200 200				>200 200							
Chromium, Hexavalent	mg/Kg	0.6 0.44				0.6 0.44				0.44				< 0.43 0.43				U 0.43				< 0.43 0.43				U 0.43							
Ignitability	degree F	Passed 140 U				Passed 140 U				Passed 140 U				Passed 140 U				Passed 140 U				Passed 140 U				Passed 140 U							
pH - Soil	pH Units	8.07 0.10				6.93 0.10				6.93 0.10				6.91 0.10				6.91 0.10				9.95 0.10				9.95 0.10							
Pyridine	ug/Kg	< 370 370 U 370				< 370 370 U 370				< 360 360 U 360				< 360 360 U 360				< 360 360 U 360				< 360 360 U 360				< 360 360 U 360							
Reactivity Cyanide	mg/Kg	< 5.3 5.3 U 0.28				< 5.3 5.3 U 0.26				< 5.3 5.3 U 0.26				< 5.3 5.3 U 0.27				< 5.3 5.3 U 0.27				< 5.1 5.1 U 0.25				< 5.1 5.1 U 0.25							
Reactivity Sulfide	mg/Kg	< 20 20 U				< 20 20 U				< 20 20 U				< 20 20 U				< 20 20 U				< 20 20 U				< 20 20 U							
Reactivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U			
Redox Potential	mV	210 1.0				210 1.0				210 1.0				210 1.0				210 1.0				210 1.0				210 1.0							
Metals, Total																																	
Aluminum	mg/Kg	8,260 39 7.8				9,910 36 7.1				5,780 34 6.7				6,060 35 7.0				6,060 35 7.0				6,060 35 7.0				6,060 35 7.0							
Antimony	mg/Kg	< 2.0 2.0 U 2.0				< 1.8 1.8 U 1.8				< 1.7 1.7 U 1.7				< 1.8 1.8 U 1.8				< 1.8 1.8 U 1.8				< 1.8 1.8 U 1.8											
Arsenic	mg/Kg	8.3 0.8 0.78				6.4 0.7 0.71				1.7 0.7 0.67				5 0.7 0.70				5 0.7 0.70				5 0.7 0.70											
Barium	mg/Kg	665 0.8 0.39				36.9 0.7 0.36				31 0.7 0.34				200 0.7 0.35				200 0.7 0.35				200 0.7 0.35											
Beryllium	mg/Kg	0.89 0.31 0.16				0.46 0.28 0.14				0.33 0.27 0.13				0.44 0.28 0.14				0.44 0.28 0.14				0.44 0.28 0.14											
Cadmium	mg/Kg	0.81 0.39 0.16				0.16 0.36 B 0.14				0.23 0.34 B 0.13				3.32 0.35 0.14				3.32 0.35 0.14				3.32 0.35 0.14											
Calcium	mg/Kg	15,500 39 36				605 3.6 3.3				698 3.4 3.1				45,300 35 32				45,300 35 32				45,300 35 32											
Chromium	mg/Kg	26.6 0.39 0.39				19.6 0.36 0.36				15.4 0.34 0.34				20.2 0.35 0.35				20.2 0.35 0.35				20.2 0.35 0.35											
Cobalt	mg/Kg	10.5 0.39 0.39				6.8 0.36 0.36				5.68 0.34 0.34				6 0.35 0.35				6 0.35 0.35				6 0.35 0.35											
Copper	mg/kg	149 3.9 3.9				14.1 0.36 0.36				12.1 0.34 0.34				102 0.35 0.35				102 0.35 0.35				102 0.35 0.35											
Iron	mg/Kg	18,900 39 39				21,000 36 36				18,900 34 34				16,400 35 35				16,400 35 35				16,400 35 35											
Lead	mg/Kg	622 0.8 0.39				7 0.7 0.36				3.4 0.7 0.34				199 0.7 0.35				199 0.7 0.35				199 0.7 0.35											
Magnesium	mg/Kg	2,430 3.9 3.9				1,870 3.6 3.6				1,600 3.4 3.4				16,100 35 35				16,100 35 35				16,100 35 35											
Manganese	mg/Kg	326 3.9 3.9				523 3.6 3.6				385 3.4 3.4				238 3.5 3.5				238 3.5 3.5				238 3.5 3.5											
Mercury	mg/Kg	1.04 0.03 0.02				< 0.03 0.03 U 0.02				< 0.03 0.03 U 0.02				0.41 0.03 0.02				0.41 0.03 0.02				0.41 0.03 0.02											
Molybdenum	mg/Kg					< 0.36 0.36 U 0.36				< 0.34 0.34 U 0.34																							
Nickel	mg/Kg	30 0.39 0.39				14.3 0.36 0.36				9.79 0.34 0.34				14.8 0.35 0.35				14.8 0.35 0.35				14.8 0.35 0.35											
Potassium	mg/Kg	764 8 3.1				862 7 2.8				737 7 2.6				966 7 2.7				966 7 2.7				966 7 2.7											
Selenium	mg/Kg	< 1.6 1.6 U 1.3				< 1.4 1.4 U 1.2				< 1.3 1.3 U 1.1				1.8 1.4 1.2				1.8 1.4 1.2				1.8 1.4 1.2											
Silver	mg/Kg	0.45 0.39 0.39				< 0.36 0.36 U 0.36				< 0.34 0.34 U 0.34				33.3 0.35 0.35				33.3 0.35 0.35				33.3 0.35 0.35											
Sodium	mg/Kg	164 8 3.4				71 7 3.1				96 7 2.9				300 7 3.0				300 7 3.0				300 7 3.0											
Thallium	mg/Kg	< 1.6 1.6 U 1.6				< 1.4 1.4 U 1.4				< 1.3 1.3 U 1.3				< 1.4 1.4 U 1.4				< 1.4 1.4 U 1.4				< 1.4 1.4 U 1.4											
Vanadium	mg/Kg	32.2 0.4 0.39				28.2 0.4 0.36				28.8 0.3 0.34				30.4 0.4 0.35				30.4 0.4 0.35				30.4 0.4 0.35											
Zinc	mg/Kg	891 7.8 3.9				43.5 0.7 0.36				45.5 0.7 0.34				304 7.0 3.5				304 7.0 3.5				304 7.0 3.5											
Metals, TCLP																																	
TCLP Aluminum	mg/L																																
TCLP Antimony	mg/L																																
TCLP Arsenic	mg/L	< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040											
TCLP Barium	mg/L	0.92 0.10 0.010				0.32 0.10 0.010				0.46 0.10 0.010				0.59 0.10 0.010				0.59 0.10 0.010				0.59 0.10 0.010											
TCLP Beryllium	mg/L																																
TCLP Cadmium	mg/L	0.019 0.050 B 0.0050				< 0.050 0.050 U 0.0050				< 0.050 0.050 U 0.0050				0.025 0.050 B 0.0050				0.025 0.050 B 0.0050				0.025 0.050 B 0.0050											
TCLP Calcium	mg/L																																
TCLP Chromium	mg/L	< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010											
TCLP Cobalt	mg/L																																
TCLP Copper	mg/L																																
TCLP Iron	mg/L																																
TCLP Lead	mg/L	0.35 0.10 0.010				< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010				0.03 0.10 B 0.010				0.03 0.10 B 0.010				0.03 0.10 B 0.010											
TCLP Magnesium	mg/L																																
TCLP Manganese	mg/L																																
TCLP Mercury	mg/L	< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015											
TCLP Nickel	mg/L	< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10											
TCLP Selenium	mg/L	< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10											
TCLP Silver	mg/L	< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.02				< 0.10 0.10 U 0.02				< 0.10 0.10 U 0.02				< 0.10 0.10 U 0.02				< 0.10 0.10 U 0.02											
TCLP Thallium	mg/L																																
TCLP Vanadium	mg/L																																
TCLP Zinc	mg/L																																
TPH By SW8015D DRO																																	
Diesel Range Organics (C10-C28)	mg/Kg	< 59 59 U 59																								480 270 270							
SVOA TICS																																	
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg					43,000 4 JNA				40,000 4 JNA																							
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.720)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		D FILL COMP 0-5 FT					D FILL GRAB 0-5 FT					D-CLEAN COMP 5-10 FT					D-CLEAN GRAB 5-10 FT					D-CLEAN COMP 10-15 FT					D-CLEAN GRAB 10-15 FT					E1 COMP 0-5 FT					E1 GRAB 0-5 FT				
SAMPLING DATE		3/3/2016					3/3/2016					3/9/2016					3/9/2016					3/9/2016					3/9/2016					3/3/2016					3/3/2016				
LAB SAMPLE ID		BK77691					BK77692					BK77669					BK77670					BK77671					BK77672					BK77699					BK77700				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL								
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																								
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																								
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg									1,100	4	JN						1,000	4	JN																					
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																								
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																								
Hexadecanoic acid (RT 6.690)	ug/Kg																																								
Tetradecanoic acid (RT 6.700)	ug/Kg																																								
Unknown (RT 9.500)	ug/Kg																																								
Unknown (RT 1.520)	ug/Kg																																								
Unknown (RT 1.740)	ug/Kg																																								
Unknown (RT 3.330)	ug/Kg																																								
Unknown (RT 8.150)	ug/Kg									300	4	JN																													
Unknown (RT 1.300)	ug/Kg																																								
Unknown (RT 1.530)	ug/Kg																																								
Unknown (RT 7.490)	ug/Kg																																								
Unknown (RT 8.010)	ug/Kg																																								
Unknown (RT 1.460)	ug/Kg																																								
Unknown (RT 1.480)	ug/Kg																																								
Unknown (RT 1.520)	ug/Kg																																								
Unknown (RT 7.930)	ug/Kg																																								
VOA TICS																																									
unknown (RT 3.338)	ug/Kg																																								
unknown (RT 4.023)	ug/Kg																																								
PCBs By SW8082A																																									
PCB-1016	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1221	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1232	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1242	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1248	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1254	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1260	ug/Kg	75	39		39					< 37	37	U	37					< 36	36	U	36					160	36		36												
PCB-1262	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
PCB-1268	ug/Kg	< 39	39	U	39					< 37	37	U	37					< 36	36	U	36					< 36	36	U	36												
Volatiles By SW8260C																																									
1,1,1,2-Tetrachloroethane	ug/Kg																																								
1,1,1-Trichloroethane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,1,2,2-Tetrachloroethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,1,2-Trichloroethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,1-Dichloroethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 120	120	U	59								
1,1-Dichloroethene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,1-Dichloropropene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,2,3-Trichlorobenzene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,2,3-Trichloropropane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,2,4-Trichlorobenzene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,2,4-Trimethylbenzene	ug/Kg					1.3	6.0	J	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					750	290		29								
1,2-Dibromo-3-chloropropane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,2-Dibromoethane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,2-Dichlorobenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,2-Dichloroethane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 29	29	U	29								
1,2-Dichloropropane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59								
1,3,5-Trimethylbenzene	ug/Kg					1.1	6.0	J	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					460	290		29								
1,3-Dichlorobenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29								
1,3-Dichloropropane	ug/Kg					&																																			

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		D FILL COMP 0-5 FT				D FILL GRAB 0-5 FT				D-CLEAN COMP 5-10 FT				D-CLEAN GRAB 5-10 FT				D-CLEAN COMP 10-15 FT				D-CLEAN GRAB 10-15 FT				E1 COMP 0-5 FT				E1 GRAB 0-5 FT					
SAMPLING DATE		3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016					
LAB SAMPLE ID		BK77691				BK77692				BK77669				BK77670				BK77671				BK77672				BK77699				BK77700					
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL		
Cyclohexane	ug/Kg																																		
Dibromochloromethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
Dibromomethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
Dichlorodifluoromethane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Ethylbenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Hexachlorobutadiene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Isopropylbenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
m&p-Xylene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
Methyl Ethyl Ketone	ug/Kg					< 36	36	U	6.0					< 34	34	U	5.6					< 31	31	U	5.2					< 290	290	U	290		
Methyl t-butyl ether (MTBE)	ug/Kg					< 12	12	U	1.2					< 11	11	U	1.1					< 10	10	U	1.0					< 590	590	U	59		
Methylacetate	ug/Kg																																		
Methylcyclohexane	ug/Kg																																		
Methylene chloride	ug/Kg					< 6.0	6.0	U	6.0					< 5.6	5.6	U	5.6					< 5.2	5.2	U	5.2					< 50	50	U	50		
Naphthalene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					1,900	290	U	59		
n-Butylbenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
n-Propylbenzene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
o-Xylene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
p-Isopropyltoluene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					130	290	J	29		
sec-Butylbenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					50	290	J	29		
Styrene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
tert-Butylbenzene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					78	290	J	29		
Tetrachloroethene	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
Tetrahydrofuran (THF)	ug/Kg					< 12	12	U	3.0					< 11	11	U	2.8					< 10	10	U	2.6					< 590	590	U	150		
Toluene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Total Xylenes	ug/Kg																																		
trans-1,2-Dichloroethene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 120	120	U	29		
trans-1,3-Dichloropropene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
trans-1,4-dichloro-2-butene	ug/Kg					< 12	12	U	3.0					< 11	11	U	2.8					< 10	10	U	2.6					< 590	590	U	150		
Trichloroethene	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Trichlorofluoromethane	ug/Kg					< 6.0	6.0	U	1.2					< 5.6	5.6	U	1.1					< 5.2	5.2	U	1.0					< 290	290	U	59		
Trichlorotrifluoroethane	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 290	290	U	29		
Vinyl chloride	ug/Kg					< 6.0	6.0	U	0.60					< 5.6	5.6	U	0.56					< 5.2	5.2	U	0.52					< 20	20	U	20		
1,1,1,2-Tetrachloroethane	ug/Kg					< 24	24	U	1.2					< 22	22	U	1.1					< 21	21	U	1.0					< 1100	1,100	U	54		
Acrolein	ug/Kg					< 24	24	U	3.0					< 22	22	U	2.8					< 21	21	U	2.6					< 1100	1,100	U	140		
Acrylonitrile	ug/Kg					< 24	24	U	0.60					< 22	22	U	0.56					< 21	21	U	0.52					< 1100	1,100	U	27		
Tert-butyl alcohol	ug/Kg					< 120	120	U	24					< 110	110	U	22					< 100	100	U	21					< 5400	5,400	U	1100		
Semivolatiles By SW8270D																																			
1,1-Biphenyl	ug/Kg									< 260	260	U	110					< 250	250	U	110														
1,2,4,5-Tetrachlorobenzene	ug/Kg					< 280	280	U	140					< 260	260	U	130					< 250	250	U	130					< 260	260	U	130		
1,2,4-Trichlorobenzene	ug/Kg					< 280	280	U	120																							< 260	260	U	110
1,2-Dichlorobenzene	ug/Kg					< 280	280	U	110																							< 260	260	U	100
1,2-Diphenylhydrazine	ug/Kg					< 280	280	U	130																							< 260	260	U	120
1,3-Dichlorobenzene	ug/Kg					< 280	280	U	120																							< 260	260	U	110
1,4-Dichlorobenzene	ug/Kg					< 280	280	U	120																							< 260	260	U	110
2,3,4,6-tetrachlorophenol	ug/Kg									< 260	260	U	170					< 250	250	U	170														
2,4,5-Trichlorophenol	ug/Kg					< 280	280	U	220					< 260	260	U	200					< 250	250	U	200					< 260	260	U	200		
2,4,6-Trichlorophenol	ug/Kg					< 280	280	U	130					< 150	150	U	120					< 140	140	U	110					< 260	260	U	120		
2,4-Dichlorophenol	ug/Kg					< 280	280	U	140					< 150	150	U	130					< 140	140	U	130					< 260	260	U	130		
2,4-Dimethylphenol	ug/Kg					< 280	280	U	98					< 260	260	U	92																		

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		D FILL COMP 0-5 FT				D FILL GRAB 0-5 FT				D-CLEAN COMP 5-10 FT				D-CLEAN GRAB 5-10 FT				D-CLEAN COMP 10-15 FT				D-CLEAN GRAB 10-15 FT				E1 COMP 0-5 FT				E1 GRAB 0-5 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016				3/3/2016				3/3/2016			
LAB SAMPLE ID		BK77691				BK77692				BK77669				BK77670				BK77671				BK77672				BK77699				BK77700			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Benzo(a)pyrene	ug/Kg	570	280		130					< 150	150	U	120					< 140	140	U	120					780	260		120				
Benzo(b)fluoranthene	ug/Kg	540	280		140					< 260	260	U	130					< 250	250	U	120					750	260		130				
Benzo(ghi)perylene	ug/Kg	520	280		130					< 260	260	U	120					< 250	250	U	120					410	260		120				
Benzo(k)fluoranthene	ug/Kg	440	280		130					< 260	260	U	120					< 250	250	U	120					780	260		120				
Benzoic acid	ug/Kg	< 2000	2,000	U	790																					< 1800	1,800	U	730				
Benzyl Alcohol	ug/Kg																																
Benzyl butyl phthalate	ug/Kg	< 280	280	U	100					< 260	260	U	95					< 250	250	U	92					< 260	260	U	95				
Bis(2-chloroethoxy)methane	ug/Kg	< 280	280	U	110					< 260	260	U	100					< 250	250	U	99					< 260	260	U	100				
Bis(2-chloroethyl)ether	ug/Kg	< 280	280	U	110					< 150	150	U	100					< 140	140	U	97					< 260	260	U	99				
Bis(2-chloroisopropyl)ether	ug/Kg	< 280	280	U	110					< 260	260	U	100					< 250	250	U	99					< 260	260	U	100				
Bis(2-ethylhexyl)phthalate	ug/Kg	< 280	280	U	110					< 260	260	U	110					< 250	250	U	100					1,300	260		110				
Caprolactam	ug/Kg									< 260	260	U	260					< 250	250	U	250												
Carbazole	ug/Kg	< 2000	2,000	U	300					< 1900	1,900	U	280					< 1800	1,800	U	270					< 1800	1,800	U	280				
Chrysene	ug/Kg	840	280		130					< 260	260	U	120					< 250	250	U	120					970	260		120				
Dibenz(a,h)anthracene	ug/Kg	130	280	J	130					< 150	150	U	120					< 140	140	U	120					< 260	260	U	120				
Dibenzofuran	ug/Kg	< 280	280	U	120					< 260	260	U	110					< 250	250	U	100					< 260	260	U	110				
Diethyl phthalate	ug/Kg	< 280	280	U	130					< 260	260	U	120					< 250	250	U	110					< 260	260	U	120				
Dimethylphthalate	ug/Kg	< 280	280	U	120					< 260	260	U	110					< 250	250	U	110					< 260	260	U	110				
Di-n-butylphthalate	ug/Kg	< 280	280	U	110					< 260	260	U	98					< 250	250	U	95					< 260	260	U	97				
Di-n-octylphthalate	ug/Kg	< 280	280	U	100					< 260	260	U	95					< 250	250	U	92					< 260	260	U	95				
Fluoranthene	ug/Kg	840	280		130					< 260	260	U	120					< 250	250	U	120					1,300	260		120				
Fluorene	ug/Kg	< 280	280	U	130					< 260	260	U	120					< 250	250	U	120					< 260	260	U	120				
Hexachlorobenzene	ug/Kg	< 280	280	U	120					< 150	150	U	110					< 140	140	U	100					< 260	260	U	110				
Hexachlorobutadiene	ug/Kg	< 280	280	U	140					< 260	260	U	130					< 250	250	U	130					< 260	260	U	130				
Hexachlorocyclopentadiene	ug/Kg	< 280	280	U	120					< 260	260	U	110					< 250	250	U	110					< 260	260	U	110				
Hexachloroethane	ug/Kg	< 280	280	U	120					< 150	150	U	110					< 140	140	U	110					< 260	260	U	110				
Indeno(1,2,3-cd)pyrene	ug/Kg	430	280		130					< 260	260	U	120					< 250	250	U	120					530	260		120				
Isophorone	ug/Kg	< 280	280	U	110					< 150	150	U	100					< 140	140	U	100					< 260	260	U	100				
Naphthalene	ug/Kg	< 280	280	U	110					< 260	260	U	110					< 250	250	U	100					1,800	260		110				
Nitrobenzene	ug/Kg	< 280	280	U	140					< 150	150	U	130					< 140	140	U	130					< 260	260	U	130				
N-Nitrosodimethylamine	ug/Kg	< 280	280	U	110					< 260	260	U	100					< 250	250	U	100					< 260	260	U	100				
N-Nitrosodi-n-propylamine	ug/Kg	< 280	280	U	130					< 150	150	U	120					< 140	140	U	120					< 260	260	U	120				
N-Nitrosodiphenylamine	ug/Kg	< 280	280	U	150					< 150	150	U	140					< 140	140	U	140					< 260	260	U	140				
Pentachloronitrobenzene	ug/Kg	< 280	280	U	150																					< 260	260	U	140				
Pentachlorophenol	ug/Kg	< 280	280	U	150					< 260	260	U	140					< 250	250	U	140					790	260		140				
Phenanthrene	ug/Kg	320	280		110					< 150	150	U	110					< 140	140	U	100					600	260		100				
Phenol	ug/Kg	< 280	280	U	130					< 260	260	U	120					< 250	250	U	110					< 260	260	U	120				
Pyrene	ug/Kg	790	280		140					< 260	260	U	130					< 250	250	U	120					1,300	260		130				
Pyridine	ug/Kg	< 280	280	U	97																					< 260	260	U	90				
Pesticides - Soil By SW8081B																																	
4,4'-DDD	ug/Kg									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1												
4,4'-DDE	ug/Kg									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1												
4,4'-DDT	ug/Kg									< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1												
g-BHC	ug/Kg									< 7.4	7.4	U	7.4					< 7.1	7.1	U	7.1												
g-Chlordane	ug/Kg									< 3.7	3.7	U	3.7					< 3.6	3.6	U	3.6												
Aldrin	ug/Kg									< 3.7	3.7	U	3.7					< 3.6	3.6	U	3.6												
b-BHC	ug/Kg									< 7.4	7.4	U	7.4					< 7.1	7.1	U	7.1												
Chlordane	ug/Kg									< 3.7	3.7	U	3.7					< 3.6	3.6	U	3.6												
d-BHC	ug/Kg									< 7.4	7.4	U	7.4					< 7.1	7.1	U	7.1												
Dieldrin	ug/Kg									< 3.7	3.7	U	3.7					< 3.6	3.6	U	3.6												
Endosulfan I	ug/Kg									< 7.4	7.4	U	7.4					< 7.1	7.1	U	7.10												

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E1 COMP 5-10 FT					E1 GRAB 5-10 FT					E1 COMP 10-15 FT					E1 GRAB 10-15 FT					E2/E3-FILL COMP 0-5 FT					E2/E3-FILL GRAB 0-5 FT					E2/E3-CLEAN COMP 5-10 FT					E2/E3-CLEAN GRAB 5-10 FT				
SAMPLING DATE		3/3/2016					3/3/2016					3/3/2016					3/3/2016					3/3/2016					3/3/2016					3/9/2016					3/9/2016				
LAB SAMPLE ID		BK77695					BK77697					BK77696					BK77698					BK77685					BK77686					BK77665					BK77666				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL								
Miscellaneous/Inorganics																																									
Percent Solid	%	95					95					95					95					90					94					95					92				
Corrosivity	Pos/Neg	Negative										Negative					U					Negative					U					Negative					U				
Flash Point	Degree F	>200 200										>200 200										>200 200										>200 200									
Chromium, Hexavalent	mg/Kg	< 0.42 0.42 U 0.42										< 0.42 0.42 U 0.42										< 0.41 0.41 U 0.41										< 0.41 0.41 U 0.41									
Ignitability	degree F	Passed 140 U										Passed 140 U										Passed 140 U										Passed 140 U									
pH - Soil	pH Units	8.45 0.10										8.32 0.10										10.28 0.10										8.02 0.10									
Pyridine	ug/Kg	< 350 350 U 350										< 350 350 U 350										< 350 350 U 350										< 350 350 U 350									
Reactivity Cyanide	mg/Kg	< 5.0 5.0 U 0.25										< 5.0 5.0 U 0.25										< 5.6 5.6 U 0.28										< 4.9 4.9 U 0.25									
Reactivity Sulfide	mg/Kg	< 20 20 U										< 20 20 U										< 20 20 U										< 20 20 U									
Reactivity	Pos/Neg	Negative										Negative					U					Negative					U					Negative					U				
Redox Potential	mV	220 1.0										210 1.0																				210 1.0									
Metals, Total																																									
Aluminum	mg/Kg	5,190 33 6.6										4,370 34 6.7										10,300 36 7.2										4,600 32 6.5									
Antimony	mg/Kg	< 1.6 1.6 U 1.6										< 1.7 1.7 U 1.7										< 1.8 1.8 U 1.8										< 1.6 1.6 U 1.6									
Arsenic	mg/Kg	1.5 0.7 0.66										1.2 0.7 0.67										8 0.7 0.72										1.5 0.6 0.65									
Barium	mg/Kg	30 0.7 0.33										25.2 0.7 0.34										405 0.7 0.36										28.4 0.6 0.32									
Beryllium	mg/Kg	0.3 0.26 0.13										0.28 0.27 0.13										0.83 0.29 0.14										0.24 0.26 B 0.13									
Cadmium	mg/Kg	0.22 0.33 B 0.13										0.21 0.34 B 0.13										0.44 0.36 0.14										< 0.32 0.32 U 0.13									
Calcium	mg/Kg	699 3.3 3.0										840 3.4 3.1										27,700 36 33										773 3.2 3.0									
Chromium	mg/Kg	12.1 0.33 0.33										11.6 0.34 0.34										27.3 0.36 0.36										11.5 0.32 0.32									
Cobalt	mg/Kg	4.59 0.33 0.33										4.19 0.34 0.34										14.7 0.36 0.36										4.05 0.32 0.32									
Copper	mg/Kg	10.5 0.33 0.33										9.38 0.34 0.34										180 3.6 3.6										8.06 0.32 0.32									
Iron	mg/Kg	18,900 33 33										17,000 34 34										24,900 36 36										11,100 32 32									
Lead	mg/Kg	3.5 0.7 0.33										3.4 0.7 0.34										483 7.2 3.6										3.3 0.6 0.32									
Magnesium	mg/Kg	1,410 3.3 3.3										1,190 3.4 3.4										5,110 3.6 3.6										1,540 3.2 3.2									
Manganese	mg/Kg	315 3.3 3.3										261 3.4 3.4										343 3.6 3.6										305 3.2 3.2									
Mercury	mg/Kg	< 0.03 0.03 U 0.02										< 0.03 0.03 U 0.02										0.46 0.03 0.02										< 0.03 0.03 U 0.02									
Molybdenum	mg/Kg	< 0.33 0.33 U 0.33										< 0.34 0.34 U 0.34																				< 0.32 0.32 U 0.32									
Nickel	mg/Kg	7.42 0.33 0.33										6.63 0.34 0.34										34.3 0.36 0.36										8.25 0.32 0.32									
Potassium	mg/Kg	773 7 2.6										617 7 2.6										3,570 7 2.8										621 6 2.5									
Selenium	mg/Kg	< 1.3 1.3 U 1.1										1.6 1.3 1.1										< 1.4 1.4 U 1.2										< 1.3 1.3 U 1.1									
Silver	mg/Kg	< 0.33 0.33 U 0.33										< 0.34 0.34 U 0.34										< 0.36 0.36 U 0.36										< 0.32 0.32 U 0.32									
Sodium	mg/Kg	78 7 2.8										71 7 2.9										258 7 3.1										98 6 2.8									
Thallium	mg/Kg	< 1.3 1.3 U 1.3										< 1.3 1.3 U 1.3										< 1.4 1.4 U 1.4										< 1.3 1.3 U 1.3									
Vanadium	mg/Kg	21.3 0.3 0.33										20.3 0.3 0.34										29.2 0.4 0.36										17.7 0.3 0.32									
Zinc	mg/Kg	27.7 0.7 0.33										20.8 0.7 0.34										1,500 72 36										25.2 0.6 0.32									
Metals, TCLP																																									
TCLP Aluminum	mg/L																																								
TCLP Antimony	mg/L																																								
TCLP Arsenic	mg/L	< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040									
TCLP Barium	mg/L	0.38 0.10 0.010										0.43 0.10 0.010										0.96 0.10 0.010										0.33 0.10 0.010									
TCLP Beryllium	mg/L																																								
TCLP Cadmium	mg/L	< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050									
TCLP Calcium	mg/L																																								
TCLP Chromium	mg/L	< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010									
TCLP Cobalt	mg/L																																								
TCLP Copper	mg/L																																								
TCLP Iron	mg/L																																								
TCLP Lead	mg/L	< 0.10 0.10 U 0.010										0.01 0.10 B 0.010										0.01 0.10 B 0.010										< 0.10 0.10 U 0.010									
TCLP Magnesium	mg/L																																								
TCLP Manganese	mg/L																																								
TCLP Mercury	mg/L	< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015									
TCLP Nickel	mg/L																																								
TCLP Selenium	mg/L	< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10									
TCLP Silver	mg/L	< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.02									
TCLP Thallium	mg/L																																								
TCLP Vanadium	mg/L																																								
TCLP Zinc	mg/L																																								
TPH By SW8015D DRO																																									
Diesel Range Organics (C10-C28)	mg/Kg																					< 110 110 U 110																			
SVOA TICS																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg											22,000 4 JNA																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg	54,000 4 JNA																																							
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																															33,000 4 JNA									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																								

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E1 COMP 5-10 FT				E1 GRAB 5-10 FT				E1 COMP 10-15 FT				E1 GRAB 10-15 FT				E2/E3-FILL COMP 0-5 FT				E2/E3-FILL GRAB 0-5 FT				E2/E3-CLEAN COMP 5-10 FT				E2/E3-CLEAN GRAB 5-10 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77695				BK77697				BK77696				BK77698				BK77685				BK77686				BK77665				BK77666			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg	2,200		4	JN																												
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																
Hexadecanoic acid (RT 6.690)	ug/Kg																																
Tetradecanoic acid (RT 6.700)	ug/Kg																																
Unknown (RT 9.500)	ug/Kg	350		4	JN																												
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 1.740)	ug/Kg																																
Unknown (RT 3.330)	ug/Kg																																
Unknown (RT 8.150)	ug/Kg																																
Unknown (RT 1.300)	ug/Kg																																
Unknown (RT 1.530)	ug/Kg																																
Unknown (RT 7.490)	ug/Kg																																
Unknown (RT 8.010)	ug/Kg																																
Unknown (RT 1.460)	ug/Kg																																
Unknown (RT 1.480)	ug/Kg																																
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 7.930)	ug/Kg																																
VOA TICS																																	
unknown (RT 3.338)	ug/Kg																																
unknown (RT 4.023)	ug/Kg																																
PCBs By SW8082A																																	
PCB-1016	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1221	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1232	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1242	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1248	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1254	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1260	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1262	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
PCB-1268	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 37	37	U	37					< 35	35	U	35				
Volatiles By SW8260C																																	
1,1,1,2-Tetrachloroethane	ug/Kg																																
1,1,1-Trichloroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,1,2,2-Tetrachloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,1,2-Trichloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,1-Dichloroethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,1-Dichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,1-Dichloropropene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2,3-Trichlorobenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,2,3-Trichloropropane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2,4-Trichlorobenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,2,4-Trimethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2-Dibromo-3-chloropropane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,2-Dibromoethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2-Dichlorobenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2-Dichloroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,2-Dichloropropane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
1,3,5-Trimethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,3-Dichlorobenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55																

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E1 COMP 5-10 FT				E1 GRAB 5-10 FT				E1 COMP 10-15 FT				E1 GRAB 10-15 FT				E2/E3-FILL COMP 0-5 FT				E2/E3-FILL GRAB 0-5 FT				E2/E3-CLEAN COMP 5-10 FT				E2/E3-CLEAN GRAB 5-10 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77695				BK77697				BK77696				BK77698				BK77685				BK77686				BK77665				BK77666			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
Dibromochloromethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
Dibromomethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Dichlorodifluoromethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Ethylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Hexachlorobutadiene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Isopropylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
m&p-Xylene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
Methyl Ethyl Ketone	ug/Kg					< 35	35	U	5.9					< 33	33	U	5.5					< 32	32	U	5.3					< 32	32	U	5.3
Methyl t-butyl ether (MTBE)	ug/Kg					< 12	12	U	1.2					< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1
Methylacetate	ug/Kg																																
Methylcyclohexane	ug/Kg																																
Methylene chloride	ug/Kg					< 5.9	5.9	U	5.9					< 5.5	5.5	U	5.5					< 5.3	5.3	U	5.3					< 5.3	5.3	U	5.3
Naphthalene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
n-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
n-Propylbenzene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
o-Xylene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
p-Isopropyltoluene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
sec-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Styrene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
tert-Butylbenzene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Tetrachloroethene	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
Tetrahydrofuran (THF)	ug/Kg					< 12	12	U	2.9					< 11	11	U	2.8					< 11	11	U	2.7					< 11	11	U	2.7
Toluene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Total Xylenes	ug/Kg																																
trans-1,2-Dichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
trans-1,3-Dichloropropene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
trans-1,4-dichloro-2-butene	ug/Kg					< 12	12	U	2.9					< 11	11	U	2.8					< 11	11	U	2.7					< 11	11	U	2.7
Trichloroethene	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Trichlorofluoromethane	ug/Kg					< 5.9	5.9	U	1.2					< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1					< 5.3	5.3	U	1.1
Trichlorotrifluoroethane	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
Vinyl chloride	ug/Kg					< 5.9	5.9	U	0.59					< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53					< 5.3	5.3	U	0.53
1,1,1,2-Tetrachloroethane	ug/Kg					< 24	24	U	1.2					< 22	22	U	1.1					< 5.3	5.3	U	1.1					< 21	21	U	1.1
Acrolein	ug/Kg					< 24	24	U	2.9					< 22	22	U	2.8					< 21	21	U	2.7					< 21	21	U	2.7
Acrylonitrile	ug/Kg					< 24	24	U	0.59					< 22	22	U	0.55					< 21	21	U	0.53					< 21	21	U	0.53
Tert-butyl alcohol	ug/Kg					< 120	120	U	24					< 110	110	U	22					< 110	110	U	21					< 110	110	U	21
Semivolatiles By SW8270D																																	
1,1-Biphenyl	ug/Kg	< 240	240	U	110					< 250	250	U	110												< 240	240	U	110					
1,2,4,5-Tetrachlorobenzene	ug/Kg	< 240	240	U	120					< 250	250	U	120					< 260	260	U	130				< 240	240	U	120					
1,2,4-Trichlorobenzene	ug/Kg																	< 260	260	U	110												
1,2-Dichlorobenzene	ug/Kg																	< 260	260	U	100												
1,2-Diphenylhydrazine	ug/Kg																	< 260	260	U	120												
1,3-Dichlorobenzene	ug/Kg																	< 260	260	U	110												
1,4-Dichlorobenzene	ug/Kg																	< 260	260	U	110												
2,3,4,6-tetrachlorophenol	ug/Kg	< 240	240	U	160					< 250	250	U	160												< 240	240	U	160					
2,4,5-Trichlorophenol	ug/Kg	< 240	240	U	190					< 250	250	U	190					< 260	260	U	200				< 240	240	U	190					
2,4,6-Trichlorophenol	ug/Kg	< 140	140	U	110					< 140	140	U	110					< 260	260	U	120				< 140	140	U	110					
2,4-Dichlorophenol	ug/Kg	< 140	140	U	120					< 140	140	U	120					< 260	260	U	130				< 140	140	U	120					
2,4-Dimethylphenol	ug/Kg	< 240	240	U	87					< 2																							

Brooklyn, New York

LOCATION		E1 COMP 5-10 FT				E1 GRAB 5-10 FT				E1 COMP 10-15 FT				E1 GRAB 10-15 FT				E2/E3-FILL COMP 0-5 FT				E2/E3-FILL GRAB 0-5 FT				E2/E3-CLEAN COMP 5-10 FT				E2/E3-CLEAN GRAB 5-10 FT			
SAMPLING DATE		3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016				3/3/2016			
LAB SAMPLE ID		BK77695				BK77697				BK77696				BK77698				BK77685				BK77686				BK77665				BK77666			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Benzo(a)pyrene	ug/Kg	< 140	140	U	110					< 140	140	U	110					540	260		120					< 140	140	U	110				
Benzo(b)fluoranthene	ug/Kg	< 240	240	U	120					< 250	250	U	120					480	260		130					< 240	240	U	120				
Benzo(ghi)perylene	ug/Kg	< 240	240	U	110					< 250	250	U	110					300	260		120					< 240	240	U	110				
Benzo(k)fluoranthene	ug/Kg	< 240	240	U	120					< 250	250	U	120					500	260		120					< 240	240	U	120				
Benzoic acid	ug/Kg																	< 1800	1,800		U	740											
Benzyl Alcohol	ug/Kg																																
Benzyl butyl phthalate	ug/Kg	< 240	240	U	90					< 250	250	U	90					< 260	260		U	95				< 240	240	U	90				
Bis(2-chloroethoxy)methane	ug/Kg	< 240	240	U	97					< 250	250	U	97					< 260	260		U	100				< 240	240	U	96				
Bis(2-chloroethyl)ether	ug/Kg	< 140	140	U	94					< 140	140	U	95					< 260	260		U	100				< 140	140	U	94				
Bis(2-chloroisopropyl)ether	ug/Kg	< 240	240	U	97					< 250	250	U	97					< 260	260		U	100				< 240	240	U	97				
Bis(2-ethylhexyl)phthalate	ug/Kg	< 240	240	U	100					< 250	250	U	100					< 260	260		U	110				< 240	240	U	100				
Caprolactam	ug/Kg	< 240	240	U	240					< 250	250	U	250													< 240	240	U	240				
Carbazole	ug/Kg	< 1700	1,700	U	270					< 1800	1,800	U	270					< 1800	1,800		U	280				< 1700	1,700	U	260				
Chrysene	ug/Kg	< 240	240	U	120					< 250	250	U	120					660	260		120					< 240	240	U	120				
Dibenz(a,h)anthracene	ug/Kg	< 140	140	U	110					< 140	140	U	110					< 260	260		U	120				< 140	140	U	110				
Dibenzofuran	ug/Kg	< 240	240	U	100					< 250	250	U	100					< 260	260		U	110				< 240	240	U	100				
Diethyl phthalate	ug/Kg	< 240	240	U	110					< 250	250	U	110					< 260	260		U	120				< 240	240	U	110				
Dimethylphthalate	ug/Kg	< 240	240	U	110					< 250	250	U	110					< 260	260		U	110				< 240	240	U	110				
Di-n-butylphthalate	ug/Kg	< 240	240	U	93					< 250	250	U	93					< 260	260		U	98				< 240	240	U	93				
Di-n-octylphthalate	ug/Kg	< 240	240	U	90					< 250	250	U	90					< 260	260		U	95				< 240	240	U	90				
Fluoranthene	ug/Kg	< 240	240	U	110					< 250	250	U	110					1,300	260		120					< 240	240	U	110				
Fluorene	ug/Kg	< 240	240	U	120					< 250	250	U	120					< 260	260		U	120				< 240	240	U	120				
Hexachlorobenzene	ug/Kg	< 140	140	U	100					< 140	140	U	100					< 260	260		U	110				< 140	140	U	100				
Hexachlorobutadiene	ug/Kg	< 240	240	U	130					< 250	250	U	130					< 260	260		U	130				< 240	240	U	130				
Hexachlorocyclopentadiene	ug/Kg	< 240	240	U	110					< 250	250	U	110					< 260	260		U	110				< 240	240	U	110				
Hexachloroethane	ug/Kg	< 140	140	U	100					< 140	140	U	110					< 260	260		U	110				< 140	140	U	100				
Indeno(1,2,3-cd)pyrene	ug/Kg	< 240	240	U	120					< 250	250	U	120					350	260		120					< 240	240	U	120				
Isophorone	ug/Kg	< 140	140	U	98					< 140	140	U	98					< 260	260		U	100				< 140	140	U	98				
Naphthalene	ug/Kg	< 240	240	U	100					< 250	250	U	100					< 260	260		U	110				< 240	240	U	100				
Nitrobenzene	ug/Kg	< 140	140	U	120					< 140	140	U	120					< 260	260		U	130				< 140	140	U	120				
N-Nitrosodimethylamine	ug/Kg	< 240	240	U	99					< 250	250	U	99					< 260	260		U	100				< 240	240	U	98				
N-Nitrosodi-n-propylamine	ug/Kg	< 140	140	U	110					< 140	140	U	110					< 260	260		U	120				< 140	140	U	110				
N-Nitrosodiphenylamine	ug/Kg	< 140	140	U	130					< 140	140	U	130					< 260	260		U	140				< 140	140	U	130				
Pentachloronitrobenzene	ug/Kg																	< 260	260		U	140											
Pentachlorophenol	ug/Kg	< 240	240	U	130					< 250	250	U	130					< 260	260		U	140				< 240	240	U	130				
Phenanthrene	ug/Kg	< 140	140	U	100					< 140	140	U	100					710	260		110					< 140	140	U	100				
Phenol	ug/Kg	< 240	240	U	110					< 250	250	U	110					< 260	260		U	120				< 240	240	U	110				
Pyrene	ug/Kg	< 240	240	U	120					< 250	250	U	120					1,200	260		130					< 240	240	U	120				
Pyridine	ug/Kg																	< 260	260		U	91											
Pesticides - Soil By SW8081B																																	
4,4'-DDD	ug/Kg	< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1													< 2.1	2.1	U	2.1				
4,4'-DDE	ug/Kg	3	2.1		2.1					3.1	2.1		2.1													< 2.1	2.1	U	2.1				
4,4'-DDT	ug/Kg	21	2.1		2.1					20	2.1		2.1													< 2.1	2.1	U	2.1				
a-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
a-Chlordane	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5		U	3.5				< 3.5	3.5	U	3.5				
Aldrin	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5		U	3.5				< 3.5	3.5	U	3.5				
b-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Chlordane	ug/Kg	< 35	35	U	35					< 35	35	U	35					< 35	35		U	35				< 35	35	U	35				
d-BHC	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Dieldrin	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5		U	3.5				< 3.5	3.5	U	3.5				
Endosulfan I	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Endosulfan II	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Endosulfan sulfate	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Endrin	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Endrin aldehyde	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Endrin ketone	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
g-BHC	ug/Kg	< 1.4	1.4	U	1.4					< 1.4	1.4	U	1.4													< 1.4	1.4	U	1.4				
g-Chlordane	ug/Kg	< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5					< 3.5	3.5		U	3.5				< 3.5	3.5	U	3.5				
Hepachlor	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Hepachlor epoxide	ug/Kg	< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0					< 7.0	7.0		U	7.0				< 7.0	7.0	U	7.0				
Methoxychlor	ug/Kg	< 35	35	U	35					< 35	35	U	35																				

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E2/E3-CLEAN COMP 10-15 FE/E3-CLEAN GRAB 10-15 F								F-FILL COMP 0-7 FT				F-FILL GRAB 0-7 FT				F-CLEAN COMP 7-11 FT				F-CLEAN GRAB 7-11 FT				F-CLEAN COMP 11-15 FT				F-CLEAN GRAB 11-15 FT							
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016							
LAB SAMPLE ID		BK77667				BK77668				BK77679				BK77680				BK77649				BK77650				BK77651				BK77652							
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Miscellaneous/Inorganics																																					
Percent Solid	%	95				94				90				89				92				94				94				94							
Corrosivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U							
Flash Point	Degree F	>200 200								>200 200								>200 200								>200 200											
Chromium, Hexavalent	mg/Kg	0.51 0.42				0.42				0.47 0.44				0.44				0.47 0.44				0.44				< 0.43 0.43				U 0.43							
Ignitability	degree F	Passed 140				U				Passed 140				U				Passed 140				U				Passed 140				U							
pH - Soil	pH Units	7.93 0.10								7.17 0.10								7.3 0.10								6.63 0.10											
Pyridine	ug/Kg	< 350 350				U 350				< 360 360				U 360				< 360 360				U 360				< 340 340				U 340							
Reactivity Cyanide	mg/Kg	< 5.2 5.2				U 0.26				< 5.1 5.1				U 0.26				< 5.4 5.4				U 0.27				< 5.1 5.1				U 0.26							
Reactivity Sulfide	mg/Kg	< 20 20				U				< 20 20				U				< 20 20				U				< 20 20				U							
Reactivity	Pos/Neg	Negative				U				Negative				U				Negative				U				Negative				U							
Redox Potential	mV	210 1.0																180 1.0								180 1.0											
Metals, Total																																					
Aluminum	mg/Kg	4,260 32				6.3				11,800 38				7.5				9,350 33				6.6								6,170 34				6.8			
Antimony	mg/Kg	< 1.6 1.6				U 1.6				< 1.9 1.9				U 1.9				< 1.7 1.7				U 1.7				< 1.7 1.7				U 1.7							
Arsenic	mg/Kg	2.8 0.6				0.63				4.9 0.8				0.75				3.1 0.7				0.66				1.7 0.7				0.68							
Barium	mg/Kg	24.4 0.6				0.32				68.3 0.8				0.38				32.5 0.7				0.33				38.9 0.7				0.34							
Beryllium	mg/Kg	0.26 0.25				0.13				0.47 0.30				0.15				0.4 0.27				0.13				0.33 0.27				0.14							
Cadmium	mg/Ka	0.15 0.32				B 0.13				0.2 0.38				B 0.15				< 0.33 0.33				U 0.13				0.17 0.34				B 0.14							
Calcium	mg/Kg	807 3.2				2.9				1,940 3.8				3.5				724 3.3				3.0				596 3.4				3.1							
Chromium	mg/Kg	12 0.32				0.32				21 0.38				0.38				20.1 0.33				0.33				15 0.34				0.34							
Cobalt	mg/Kg	4.34 0.32				0.32				6.77 0.38				0.38				6.69 0.33				0.33				5.49 0.34				0.34							
Copper	mg/kg	9.2 0.32				0.32				20.1 0.38				0.38				14.6 0.33				0.33				11.1 0.34				0.34							
Iron	mg/Kg	14,100 32				32				20,300 38				38				18,800 33				33				17,000 34				34							
Lead	mg/Kg	2.7 0.6				0.32				158 7.5				3.8				5 0.7				0.33				3.1 0.7				0.34							
Magnesium	mg/Kg	1,350 3.2				3.2				1,920 3.8				3.8				1,930 3.3				3.3				1,450 3.4				3.4							
Manganese	mg/Kg	243 3.2				3.2				322 3.8				3.8				358 3.3				3.3				329 3.4				3.4							
Mercury	mg/Kg	< 0.02 0.02				U 0.02				0.02				0.02				< 0.03 0.03				U 0.02				< 0.03 0.03				U 0.02							
Molybdenum	mg/Kg	< 0.32 0.32				U 0.32				0.33				0.33				< 0.33 0.33				U 0.33				< 0.34 0.34				U 0.34							
Nickel	mg/Kg	7.76 0.32				0.32				13.3 0.38				0.38				13.4 0.33				0.33				9.37 0.34				0.34							
Potassium	mg/Kg	572 6				2.5				1,000 8				2.9				890 7				2.6				730 7				2.7							
Selenium	mg/Kg	< 1.3 1.3				U 1.1				< 1.5 1.5				U 1.3				< 1.3 1.3				U 1.1				< 1.4 1.4				U 1.2							
Silver	mg/Kg	< 0.32 0.32				U 0.32				< 0.38 0.38				U 0.38				< 0.33 0.33				U 0.33				< 0.34 0.34				U 0.34							
Sodium	mg/Kg	88 6				2.7				159 8				3.2				126 7				2.9				103 7				2.9							
Thallium	mg/Kg	< 1.3 1.3				U 1.3				< 1.5 1.5				U 1.5				< 1.3 1.3				U 1.3				< 1.4 1.4				U 1.4							
Vanadium	mg/Kg	19.8 0.3				0.32				29 0.4				0.38				29.4 0.3				0.33				23.1 0.3				0.34							
Zinc	mg/Kg	18.8 0.6				0.32				53.9 0.8				0.38				32.5 0.7				0.33				27.5 0.7				0.34							
Metals, TCLP																																					
TCLP Aluminum	mg/L																																				
TCLP Antimony	mg/L																																				
TCLP Arsenic	mg/L	< 0.10 0.10				U 0.040				< 0.10 0.10				U 0.040				< 0.10 0.10				U 0.040				< 0.10 0.10				U 0.040							
TCLP Barium	mg/L	0.32 0.10				0.010				0.69 0.10				0.010				0.22 0.10				0.010				0.6 0.10				0.010							
TCLP Beryllium	mg/L																																				
TCLP Cadmium	mg/L	< 0.050 0.050				U 0.0050				< 0.050 0.050				U 0.0050				< 0.050 0.050				U 0.0050				< 0.050 0.050				U 0.0050							
TCLP Calcium	mg/L																																				
TCLP Chromium	mg/L	< 0.10 0.10				U 0.010				< 0.10 0.10				U 0.010				< 0.10 0.10				U 0.010				< 0.10 0.10				U 0.010							
TCLP Cobalt	mg/L																																				
TCLP Copper	mg/L																																				
TCLP Iron	mg/L																																				
TCLP Lead	mg/L	< 0.10 0.10				U 0.010				0.24 0.10				0.010				0.02 0.10				B 0.010				< 0.10 0.10				U 0.010							
TCLP Magnesium	mg/L																																				
TCLP Manganese	mg/L																																				
TCLP Mercury	mg/L	< 0.0002 0.0002				U 0.00015				< 0.0002 0.0002				U 0.00015				< 0.0002 0.0002				U 0.00015				< 0.0002 0.0002				U 0.00015							
TCLP Nickel	mg/L																																				
TCLP Selenium	mg/L	< 0.10 0.10				U 0.10				< 0.10 0.10				U 0.10				< 0.10 0.10				U 0.10				< 0.10 0.10				U 0.10							
TCLP Silver	mg/L	< 0.10 0.10				U 0.02				< 0.10 0.10				U 0.010				< 0.10 0.10				U 0.02				< 0.10 0.10				U 0.02							
TCLP Thallium	mg/L																																				
TCLP Vanadium	mg/L																																				
TCLP Zinc	mg/L																																				
TPH By SW8015D DRO																																					
Diesel Range Organics (C10-C28)	mg/Kg									380 55				55																							
SVOA TICS																																					
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg	25,000 4				JNA																															
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																									37,000 4				JNA							
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																				
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																				

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E2/E3-CLEAN COMP 10-15 FT				E2/E3-CLEAN GRAB 10-15 FT				F-FILL COMP 0-7 FT				F-FILL GRAB 0-7 FT				F-CLEAN COMP 7-11 FT				F-CLEAN GRAB 7-11 FT				F-CLEAN COMP 11-15 FT				F-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77667				BK77668				BK77679				BK77680				BK77649				BK77650				BK77651				BK77652			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																	11,000	4	JN													
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg	960	4	JN																													
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																
Hexadecanoic acid (RT 6.690)	ug/Kg																																
Tetradecanoic acid (RT 6.700)	ug/Kg																																
Unknown (RT 9.500)	ug/Kg																																
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 1.740)	ug/Kg																																
Unknown (RT 3.330)	ug/Kg																																
Unknown (RT 8.150)	ug/Kg																	130,000	4	JN													
Unknown (RT 1.300)	ug/Kg																	1,100	4	JN													
Unknown (RT 1.530)	ug/Kg																																
Unknown (RT 7.490)	ug/Kg																																
Unknown (RT 8.010)	ug/Kg																																
Unknown (RT 1.460)	ug/Kg																																
Unknown (RT 1.480)	ug/Kg																																
Unknown (RT 1.520)	ug/Kg																																
Unknown (RT 7.930)	ug/Kg																																
VOA TICS																																	
unknown (RT 3.338)	ug/Kg																																
unknown (RT 4.023)	ug/Kg																																
PCBs By SW8082A																																	
PCB-1016	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1221	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1232	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1242	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1248	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1254	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1260	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1262	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
PCB-1268	ug/Kg	< 35	35	U	35					< 37	37	U	37					< 36	36	U	36					< 35	35	U	35				
Volatiles By SW8260C																																	
1,1,1,2-Tetrachloroethane	ug/Kg																																
1,1,1-Trichloroethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,1,2,2-Tetrachloroethane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,1,2-Trichloroethane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,1-Dichloroethane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,1-Dichloroethene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,1-Dichloropropene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2,3-Trichlorobenzene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,2,3-Trichloropropane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2,4-Trichlorobenzene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,2,4-Trimethylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2-Dibromo-3-chloropropane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,2-Dibromoethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2-Dichlorobenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2-Dichloroethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,2-Dichloropropane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
1,3,5-Trimethylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,3-Dichlorobenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4</											

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E2/E3-CLEAN COMP 10-15 FE2/E3-CLEAN GRAB 10-15 F								F-FILL COMP 0-7 FT				F-FILL GRAB 0-7 FT				F-CLEAN COMP 7-11 FT				F-CLEAN GRAB 7-11 FT				F-CLEAN COMP 11-15 FT				F-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77667				BK77668				BK77679				BK77680				BK77649				BK77650				BK77651				BK77652			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
Dibromochloromethane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
Dibromomethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Dichlorodifluoromethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Ethylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Hexachlorobutadiene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Isopropylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
m&p-Xylene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
Methyl Ethyl Ketone	ug/Kg					< 32	32	U	5.3					< 34	34	U	5.7					< 32	32	U	5.4					< 33	33	U	5.5
Methyl t-butyl ether (MTBE)	ug/Kg					< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1
Methylacetate	ug/Kg																																
Methylcyclohexane	ug/Kg																																
Methylene chloride	ug/Kg					< 5.3	5.3	U	5.3					< 5.7	5.7	U	5.7					< 5.4	5.4	U	5.4					< 5.5	5.5	U	5.5
Naphthalene	ug/Kg					< 5.3	5.3	U	1.1					1.2	5.7	J	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
n-Butylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
n-Propylbenzene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
o-Xylene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
p-Isopropyltoluene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
sec-Butylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Styrene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
tert-Butylbenzene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Tetrachloroethene	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
Tetrahydrofuran (THF)	ug/Kg					< 11	11	U	2.7					< 11	11	U	2.8					< 11	11	U	2.7					< 11	11	U	2.8
Toluene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Total Xylenes	ug/Kg																																
trans-1,2-Dichloroethene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
trans-1,3-Dichloropropene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
trans-1,4-dichloro-2-butene	ug/Kg					< 11	11	U	2.7					< 11	11	U	2.8					< 11	11	U	2.7					< 11	11	U	2.8
Trichloroethene	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Trichlorofluoromethane	ug/Kg					< 5.3	5.3	U	1.1					< 5.7	5.7	U	1.1					< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1
Trichlorotrifluoroethane	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
Vinyl chloride	ug/Kg					< 5.3	5.3	U	0.53					< 5.7	5.7	U	0.57					< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55
1,1,1,2-Tetrachloroethane	ug/Kg					< 21	21	U	1.1					< 23	23	U	1.1					< 21	21	U	1.1					< 22	22	U	1.1
Acrolein	ug/Kg					< 21	21	U	2.7					< 23	23	U	2.8					< 21	21	U	2.7					< 22	22	U	2.8
Acrylonitrile	ug/Kg					< 21	21	U	0.53					< 23	23	U	0.57					< 21	21	U	0.54					< 22	22	U	0.55
Tert-butyl alcohol	ug/Kg					< 110	110	U	21					< 110	110	U	23					< 110	110	U	21					< 110	110	U	22
Semivolatiles By SW8270D																																	
1,1-Biphenyl	ug/Kg	< 240	240	U	110													< 250	250	U	110					< 240	240	U	110				
1,2,4,5-Tetrachlorobenzene	ug/Kg	< 240	240	U	120					< 260	260	U	130					< 250	250	U	130					< 240	240	U	120				
1,2,4-Trichlorobenzene	ug/Kg									< 260	260	U	110																				
1,2-Dichlorobenzene	ug/Kg									< 260	260	U	100																				
1,2-Diphenylhydrazine	ug/Kg									< 260	260	U	120																				
1,3-Dichlorobenzene	ug/Kg									< 260	260	U	110																				
1,4-Dichlorobenzene	ug/Kg									< 260	260	U	110																				
2,3,4,6-tetrachlorophenol	ug/Kg	< 240	240	U	160													< 250	250	U	170					< 240	240	U	160				
2,4,5-Trichlorophenol	ug/Kg	< 240	240	U	190					< 260	260	U	200					< 250	250	U	200					< 240	240	U	190				
2,4,6-Trichlorophenol	ug/Kg	< 140	140	U	110					< 260	260	U	120					< 140	140	U	120					< 140	140	U	110				
2,4-Dichlorophenol	ug/Kg	< 140	140	U	120					< 260	260	U	130					< 140	140	U	130					< 140	140	U	120				
2,4-Dimethylphenol	ug/Kg	< 240	240	U	87					< 260	260	U	91																				

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		E2/E3-CLEAN COMP 10-15 FT				E2/E3-CLEAN GRAB 10-15 F				F-FILL COMP 0-7 FT				F-FILL GRAB 0-7 FT				F-CLEAN COMP 7-11 FT				F-CLEAN GRAB 7-11 FT				F-CLEAN COMP 11-15 FT				F-CLEAN GRAB 11-15 FT			
SAMPLING DATE		3/9/2016				3/9/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK77667				BK77668				BK77679				BK77680				BK77649				BK77650				BK77651				BK77652			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Benzo(a)pyrene	ug/Kg	< 140	140	U	110					200	260	J	120					< 140	140	U	120					< 140	140	U	110				
Benzo(b)fluoranthene	ug/Kg	< 240	240	U	120					150	260	J	130					< 250	250	U	120					< 240	240	U	120				
Benzo(ghi)perylene	ug/Kg	< 240	240	U	110					< 260	260	U	120					< 250	250	U	120					< 240	240	U	110				
Benzo(k)fluoranthene	ug/Kg	< 240	240	U	120					210	260	J	120					< 250	250	U	120					< 240	240	U	110				
Benzoic acid	ug/Kg									< 1800	1,800	U	740																				
Benzyl Alcohol	ug/Kg																																
Benzyl butyl phthalate	ug/Kg	< 240	240	U	90					< 260	260	U	95					< 250	250	U	93					< 240	240	U	89				
Bis(2-chloroethoxy)methane	ug/Kg	< 240	240	U	96					< 260	260	U	100					< 250	250	U	99					< 240	240	U	95				
Bis(2-chloroethyl)ether	ug/Kg	< 140	140	U	94					< 260	260	U	99					< 140	140	U	97					< 140	140	U	93				
Bis(2-chloroisopropyl)ether	ug/Kg	< 240	240	U	97					< 260	260	U	100					< 250	250	U	100					< 240	240	U	96				
Bis(2-ethylhexyl)phthalate	ug/Kg	< 240	240	U	100					< 260	260	U	110					< 250	250	U	100					< 240	240	U	99				
Caprolactam	ug/Kg	< 240	240	U	240													< 250	250	U	250					< 240	240	U	240				
Carbazole	ug/Kg	< 1700	1,700	U	260					< 1800	1,800	U	280					< 1800	1,800	U	270					< 1700	1,700	U	260				
Chrysene	ug/Kg	< 240	240	U	120					250	260	J	120					< 250	250	U	120					< 240	240	U	120				
Dibenz(a,h)anthracene	ug/Kg	< 140	140	U	110					< 260	260	U	120					< 140	140	U	120					< 140	140	U	110				
Dibenzofuran	ug/Kg	< 240	240	U	100					< 260	260	U	110					< 250	250	U	110					< 240	240	U	100				
Diethyl phthalate	ug/Kg	< 240	240	U	110					< 260	260	U	120					< 250	250	U	110					< 240	240	U	110				
Dimethylphthalate	ug/Kg	< 240	240	U	110					< 260	260	U	110					< 250	250	U	110					< 240	240	U	110				
Di-n-butylphthalate	ug/Kg	< 240	240	U	93					< 260	260	U	98					< 250	250	U	96					< 240	240	U	92				
Di-n-octylphthalate	ug/Kg	< 240	240	U	90					< 260	260	U	95					< 250	250	U	93					< 240	240	U	89				
Fluoranthene	ug/Kg	< 240	240	U	110					420	260		120					< 250	250	U	120					< 240	240	U	110				
Fluorene	ug/Kg	< 240	240	U	120					< 260	260	U	120					< 250	250	U	120					< 240	240	U	110				
Hexachlorobenzene	ug/Kg	< 140	140	U	100					< 260	260	U	110					< 140	140	U	110					< 140	140	U	100				
Hexachlorobutadiene	ug/Kg	< 240	240	U	130					< 260	260	U	130					< 250	250	U	130					< 240	240	U	120				
Hexachlorocyclopentadiene	ug/Kg	< 240	240	U	110					< 260	260	U	110					< 250	250	U	110					< 240	240	U	110				
Hexachloroethane	ug/Kg	< 140	140	U	100					< 260	260	U	110					< 140	140	U	110					< 140	140	U	100				
Indeno(1,2,3-cd)pyrene	ug/Kg	< 240	240	U	120					< 260	260	U	120					< 250	250	U	120					< 240	240	U	110				
Isophorone	ug/Kg	< 140	140	U	98					< 260	260	U	100					< 140	140	U	100					< 140	140	U	96				
Naphthalene	ug/Kg	< 240	240	U	100					< 260	260	U	110					< 250	250	U	100					< 240	240	U	99				
Nitrobenzene	ug/Kg	< 140	140	U	120					< 260	260	U	130					< 140	140	U	130					< 140	140	U	120				
N-Nitrosodimethylamine	ug/Kg	< 240	240	U	99					< 260	260	U	100					< 250	250	U	100					< 240	240	U	97				
N-Nitrosodi-n-propylamine	ug/Kg	< 140	140	U	110					< 260	260	U	120					< 140	140	U	120					< 140	140	U	110				
N-Nitrosodiphenylamine	ug/Kg	< 140	140	U	130					< 260	260	U	140					< 140	140	U	140					< 140	140	U	130				
Pentachloronitrobenzene	ug/Kg									< 260	260	U	140																				
Pentachlorophenol	ug/Kg	< 240	240	U	130					< 260	260	U	140					< 250	250	U	140					< 240	240	U	130				
Phenanthrene	ug/Kg	< 140	140	U	100					330	260		110					< 140	140	U	100					< 140	140	U	99				
Phenol	ug/Kg	< 240	240	U	110					< 260	260	U	120					< 250	250	U	120					< 240	240	U	110				
Pyrene	ug/Kg	< 240	240	U	120					430	260		130					< 250	250	U	120					< 240	240	U	120				
Pyridine	ug/Kg									< 260	260	U	91																				
Pesticides - Soil By SW8081B																																	
4,4'-DDD	ug/Kg	< 2.1	2.1	U	2.1													< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1				
4,4'-DDE	ug/Kg	< 2.1	2.1	U	2.1													< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1				
4,4'-DDT	ug/Kg	< 2.1	2.1	U	2.1													< 2.2	2.2	U	2.2					< 2.1	2.1	U	2.1				
α-BHC	ug/Kg	< 7.0	7.0	U	7.0													< 7.2	7.2	U	7.2					< 7.1	7.1	U	7.1				
α-Chlordane	ug/Kg	< 3.5	3.5	U	3.5													< 3.6	3.6	U	3.6					< 3.5	3.5	U	3.5				
Aldrin	ug/Kg	< 3.5	3.5	U	3.5													< 3.6	3.6	U	3.6					< 3.5	3.5	U	3.5				
β-BHC	ug/Kg	< 7.0	7.0	U	7.0													< 7.2	7.2	U	7.2					< 7.1	7.1	U	7.1				
Chlordane	ug/Kg	< 35	35	U	35													< 36	36	U	36					< 35	35	U	35				
δ-BHC	ug/Kg	< 7.0	7.0	U	7.0													< 7.2	7.2	U	7.2					< 7.1	7.1	U	7.1				
Dieldrin	ug/Kg	< 3.5	3.5	U	3.5													< 3.6	3.6	U	3.6												

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		G-FILL COMP 0-7					G-FILL GRAB 0-7 FT					G-CLEAN COMP 7-11 FT					G-CLEAN GRAB 7-11 FT					G-CLEAN COMP 11-15 FT					G-CLEAN GRAB 11-15 FT					H-FILL COMP 0-7					H FILL GRAB 0-7 FT					H-CLEAN				
SAMPLING DATE		3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016									
LAB SAMPLE ID		BK75382					BK75390					BK75413					BK75414					BK75415					BK75416					BK75383					BK75391									
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result												
Miscellaneous/Inorganics																																														
Percent Solid	%	90					94					94					92					95					93					88					88					92				
Corrosivity	Pos/Neg	Negative					U					Negative					U					Negative					U					Negative					U					Negative				
Flash Point	Degree F	>200 200										>200 200										>200 200										>200 200										>200				
Chromium, Hexavalent	mg/Kg											< 0.43 0.43 U 0.43										0.45 0.41 0.41										>200 200										0.44				
Ignitability	degree F	Passed 140 U										Passed 140 U										Passed 140 U										Passed 140 U										Passed				
pH - Soil	pH Units	10.62 0.10										7.34 0.10										7.4 0.10										10.64 0.10										7.19				
Pyridine	ug/Kg											< 350 350 U 350										< 350 350 U 350																				< 360				
Reactivity Cyanide	mg/Kg											< 5.3 5.3 U 0.26										< 5.2 5.2 U 0.26																				< 5.4				
Reactivity Sulfide	mg/Kg	< 5.3 5.3 U 0.27										< 20 20 U										< 20 20 U										< 5.6 5.6 U 0.28										< 20				
Reactivity	Pos/Neg	< 20 20 U										Negative U										Negative U										< 20 20 U										Negative				
Redox Potential	mV	Negative U										120 1.0										160 1.0										Negative U										160				
Metals, Total																																														
Aluminum	mg/Kg	10,700 51 6.9										5,290 34 6.8										5,150 35 7.0										9,970 54 7.2										6,330				
Antimony	mg/Kg	< 3.4 3.4 U 1.7										< 1.7 1.7 U 1.7										< 1.8 1.8 U 1.8										< 3.6 3.6 U 1.8										< 1.7				
Arsenic	mg/Kg	3.1 0.7 0.69										1.4 0.7 0.68										1.7 0.7 0.70										5.5 0.7 0.72										2.2				
Barium	mg/Kg	69.6 0.34 0.34										36.2 0.7 0.34										33.7 0.7 0.35										72.2 0.36 0.36										36.7				
Beryllium	mg/Kg	0.46 0.27 0.14										0.29 0.27 0.14										0.31 0.28 0.14										0.42 0.29 0.14										0.33				
Cadmium	mg/Kg	0.31 0.34 B 0.14										< 0.34 0.34 U 0.14										< 0.35 0.35 U 0.14										0.28 0.36 B 0.14										< 0.34				
Calcium	mg/Kg	7,060 5.1 3.2										775 3.4 3.1										749 3.5 3.2										9,040 5.4 3.3										657				
Chromium	mg/Kg	23.9 0.34 0.34										13.3 0.34 0.34										13.2 0.35 0.35										18.6 0.36 0.36										17.7				
Cobalt	mg/Kg	7.94 0.34 0.34										5.51 0.34 0.34										5.28 0.35 0.35										6.32 0.36 0.36										5.76				
Copper	mg/Kg	28.1 3.4 3.4										9.66 0.34 0.34										9.73 0.35 0.35										29.7 0.36 0.36										10.1				
Iron	mg/Kg	26,700 51 34										15,000 34 34										16,100 35 35										17,400 54 36										15,000				
Lead	mg/Kg	63.5 0.34 0.34										3.8 0.7 0.34										3.6 0.7 0.35										96.1 0.36 0.36										19.1				
Magnesium	mg/Kg	2,830 5.1 3.4										1,540 3.4 3.4										1,500 3.5 3.5										2,440 5.4 3.6										1,700				
Manganese	mg/Kg	470 3.4 3.4										412 3.4 3.4										334 3.5 3.5										315 3.6 3.6										362				
Mercury	mg/Kg	0.05 0.03 0.02										< 0.03 0.03 U 0.02										< 0.03 0.03 U 0.02										0.35 0.03 0.02										< 0.03				
Molybdenum	mg/Kg											< 0.34 0.34 U 0.34										< 0.35 0.35 U 0.35																				< 0.34				
Nickel	mg/Kg	14 0.34 0.34										9.36 0.34 0.34										9.5 0.35 0.35										12.3 0.36 0.36										10.7				
Potassium	mg/Kg	1,580 5.1 2.7										736 7 2.7										743 7 2.7										877 5.4 2.8										780				
Selenium	mg/Kg	< 1.4 1.4 U 1.2										< 1.4 1.4 U 1.2										< 1.4 1.4 U 1.2										< 1.4 1.4 U 1.2										< 1.3				
Silver	mg/Kg	< 0.34 0.34 U 0.34										< 0.34 0.34 U 0.34										< 0.35 0.35 U 0.35										< 0.36 0.36 U 0.36										< 0.34				
Sodium	mg/Kg	270 5.1 2.9										109 7 2.9										121 7 3.0										196 5.4 3.1										109				
Thallium	mg/Kg	< 3.1 3.1 U 1.4										< 1.4 1.4 U 1.4										< 1.4 1.4 U 1.4										< 3.2 3.2 U 1.4										< 1.3				
Vanadium	mg/Kg	37.7 0.34 0.34										22 0.3 0.34										22.4 0.4 0.35										29.5 0.36 0.36										21.3				
Zinc	mg/Kg	76.8 0.34 0.34										19.2 0.7 0.34										20.5 0.7 0.35										84.8 0.36 0.36										21.5				
Metals, TCLP																																														
TCLP Aluminum	mg/L	0.3 1.0 B 0.050																														0.3 1.0 B 0.050														
TCLP Antimony	mg/L	< 0.060 0.060 U 0.050																														< 0.060 0.060 U 0.050														
TCLP Arsenic	mg/L	< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040										< 0.10 0.10 U 0.040										< 0.10				
TCLP Barium	mg/L	0.48 0.10 0.010										0.36 0.10 0.010										0.35 0.10 0.010										0.41 0.10 0.010										0.35				
TCLP Beryllium	mg/L	< 0.040 0.040 U 0.010																														< 0.040 0.040 U 0.010														
TCLP Cadmium	mg/L	< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050										< 0.050 0.050 U 0.0050										< 0.050				
TCLP Calcium	mg/L	264 0.10 0.10																														451 0.10 0.10														
TCLP Chromium	mg/L	< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										0.07 0.10 B 0.010										< 0.10				
TCLP Cobalt	mg/L	< 1.0 1.0 U 0.010																														0 1.0 B 0.010														
TCLP Copper	mg/L	< 0.10 0.10 U 0.010																														0.03 0.10 B 0.010														
TCLP Iron	mg/L	< 0.10 0.10 U 0.10																														< 0.10 0.10 U 0.10														
TCLP Lead	mg/L	0.03 0.10 B 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										0.39 0.10 0.010										0.16				
TCLP Magnesium	mg/L	16.2 0.10 0.10																														20.7 0.10 0.10														
TCLP Manganese	mg/L	1.17 0.10 0.010																														0.9 0.10 0.010														
TCLP Mercury	mg/L	< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015										< 0.0002 0.0002 U 0.00015										< 0.0002				
TCLP Nickel	mg/L	0.01 0.10 B 0.010																														0.04 0.10 B 0.010														
TCLP Selenium	mg/L	< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10				
TCLP Silver	mg/L	< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10				
TCLP Thallium	mg/L	< 0.050 0.050 U 0.20																														< 0.050 0.050 U 0.20														
TCLP Vanadium	mg/L	< 0.10 0.10 U 0.010																														< 0.10 0.10 U 0.010														
TCLP Zinc	mg/L	0.17 0.10 0.011																														0.44 0.10 0.011														
TPH By SW8015D DRO																																														
Diesel Range Organics (C10-C28)	mg/Kg	< 55 55 U 55																														440 57 57														
SVOA TICS																																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg											70,000 4 JNA										48,000 4 JNA															76,000									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																													

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		G-FILL COMP 0-7				G-FILL GRAB 0-7 FT				G-CLEAN COMP 7-11 FT				G-CLEAN GRAB 7-11 FT				G-CLEAN COMP 11-15 FT				G-CLEAN GRAB 11-15 FT				H-FILL COMP 0-7				H FILL GRAB 0-7 FT				H-CLEAN
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID		BK75382				BK75390				BK75413				BK75414				BK75415				BK75416				BK75383				BK75391				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																	
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																	
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																	
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																	
Hexadecanoic acid (RT 6.690)	ug/Kg																																	
Tetradecanoic acid (RT 6.700)	ug/Kg																																	
Unknown (RT 9.500)	ug/Kg																																	
Unknown (RT 1.520)	ug/Kg																																	
Unknown (RT 1.740)	ug/Kg																																	
Unknown (RT 3.330)	ug/Kg																																	
Unknown (RT 8.150)	ug/Kg																																	
Unknown (RT 1.300)	ug/Kg																																	
Unknown (RT 1.530)	ug/Kg																																	
Unknown (RT 7.490)	ug/Kg																																	
Unknown (RT 8.010)	ug/Kg									920	4	JN						600	4	JN													770	
Unknown (RT 1.460)	ug/Kg																																	
Unknown (RT 1.480)	ug/Kg																																	
Unknown (RT 1.520)	ug/Kg																																	
Unknown (RT 7.930)	ug/Kg																																	
VOA TICS																																		
unknown (RT 3.338)	ug/Kg																																	
unknown (RT 4.023)	ug/Kg													19	5	JN																		
PCBs By SW8082A																																		
PCB-1016	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1221	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1232	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1242	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1248	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1254	ug/Kg	< 36	36	U	36					39	35	35						43	35	35						< 37	37	U	37				56	
PCB-1260	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1262	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
PCB-1268	ug/Kg	< 36	36	U	36					< 35	35	U	35					< 35	35	U	35					< 37	37	U	37				< 36	
Volatiles By SW8260C																																		
1,1,1,2-Tetrachloroethane	ug/Kg	< 5.8	5.8	U	1.2	< 21	21	U	1.0																< 23	23	U	1.1	< 23	23	U	1.2		
1,1,1-Trichloroethane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58	
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,1,2-Trichloroethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,1-Dichloroethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,1-Dichloroethene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58	
1,1-Dichloropropene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
1,2,3-Trichlorobenzene	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,2,3-Trichloropropane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
1,2,4-Trichlorobenzene	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,2,4-Trimethylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
1,2-Dibromo-3-chloropropane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2	
1,2-Dibromoethane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58	
1,2-Dichlorobenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58	
1,2-Dichloroethane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.	

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		G-FILL COMP 0-7				G-FILL GRAB 0-7 FT				G-CLEAN COMP 7-11 FT				G-CLEAN GRAB 7-11 FT				G-CLEAN COMP 11-15 FT				G-CLEAN GRAB 11-15 FT				H-FILL COMP 0-7				H FILL GRAB 0-7 FT				H-CLEAN	
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016					
LAB SAMPLE ID		BK75382				BK75390				BK75413				BK75414				BK75415				BK75416				BK75383				BK75391					
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	
Cyclohexane	ug/Kg													< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1										
Dibromochloromethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2		
Dibromomethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0																	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2		
Dichlorodifluoromethane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Ethylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Hexachlorobutadiene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Isopropylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
m&p-Xylene	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2		
Methyl Ethyl Ketone	ug/Kg	< 35	35	U	5.8	< 31	31	U	5.2					< 44	44	U	7.4					< 33	33	U	5.4	< 34	34	U	5.7	< 35	35	U	5.8		
Methyl t-butyl ether (MTBE)	ug/Kg	< 12	12	U	1.2	< 10	10	U	1.0					< 15	15	U	1.5					< 11	11	U	1.1	< 11	11	U	1.1	< 12	12	U	1.2		
Methylacetate	ug/Kg													< 7.4	7.4	U	3.7					< 5.4	5.4	U	2.7										
Methylcyclohexane	ug/Kg													< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1										
Methylene chloride	ug/Kg	< 5.8	5.8	U	5.8	6.2	5.2	S	5.2					< 7.4	7.4	U	7.4					< 5.4	5.4	U	5.4	< 5.7	5.7	U	5.7	< 5.8	5.8	U	5.8		
Naphthalene	ug/Kg	2	5.8	J	1.2	1.7	5.2	J	1.0																	1.7	5.7	J	1.1	< 5.8	5.8	U	1.2		
n-Butylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
n-Propylbenzene	ug/Kg	< 5.8	5.8	U	1.0	< 5.2	5.2	U	0.93																	< 5.7	5.7	U	1.0	< 5.8	5.8	U	1.0		
o-Xylene	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2		
p-Isopropyltoluene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
sec-Butylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Styrene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
tert-Butylbenzene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52																	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Tetrachloroethene	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	1.6	5.7	J	1.1	< 5.8	5.8	U	1.2		
Tetrahydrofuran (THF)	ug/Kg	< 12	12	U	2.9	< 10	10	U	2.6																	< 11	11	U	2.8	< 12	12	U	2.9		
Toluene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Total Xylenes	ug/Kg													< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1										
trans-1,2-Dichloroethene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
trans-1,3-Dichloropropene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
trans-1,4-dichloro-2-butene	ug/Kg	< 12	12	U	2.9	< 10	10	U	2.6																	< 11	11	U	2.8	< 12	12	U	2.9		
Trichloroethene	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Trichlorofluoromethane	ug/Kg	< 5.8	5.8	U	1.2	< 5.2	5.2	U	1.0					< 7.4	7.4	U	1.5					< 5.4	5.4	U	1.1	< 5.7	5.7	U	1.1	< 5.8	5.8	U	1.2		
Trichlorotrifluoroethane	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
Vinyl chloride	ug/Kg	< 5.8	5.8	U	0.58	< 5.2	5.2	U	0.52					< 7.4	7.4	U	0.74					< 5.4	5.4	U	0.54	< 5.7	5.7	U	0.57	< 5.8	5.8	U	0.58		
1,1,1,2-Tetrachloroethane	ug/Kg													< 30	30	U	1.5					< 22	22	U	1.1										
Acrolein	ug/Kg	< 23	23	U	2.9	< 21	21	U	2.6					< 30	30	U	3.7					< 22	22	U	2.7	< 23	23	U	2.8	< 23	23	U	2.9		
Acrylonitrile	ug/Kg	< 23	23	U	0.58	< 10	10	U	0.52					< 30	30	U	0.74					< 22	22	U	0.54	< 11	11	U	0.57	< 12	12	U	0.58		
Tert-butyl alcohol	ug/Kg	< 120	120	U	23	< 100	100	U	21					< 150	150	U	30					< 110	110	U	22	< 110	110	U	23	< 120	120	U	23		
Semivolatiles By SW8270D																																			
1,1-Biphenyl	ug/Kg									< 250	250	U	110					< 240	240	U	110												< 250		
1,2,4,5-Tetrachlorobenzene	ug/Kg									< 250	250	U	120					< 240	240	U	120												< 250		
1,2,4-Trichlorobenzene	ug/Kg																																		
1,2-Dichlorobenzene	ug/Kg																																		
1,2-Diphenylhydrazine	ug/Kg																																		
1,3-Dichlorobenzene	ug/Kg																																		
1,4-Dichlorobenzene	ug/Kg																																		
2,3,4,6-tetrachlorophenol	ug/Kg									< 250	250	U	160					< 240	240</																

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		G-FILL COMP 0-7					G-FILL GRAB 0-7 FT					G-CLEAN COMP 7-11 FT					G-CLEAN GRAB 7-11 FT					G-CLEAN COMP 11-15 FT					G-CLEAN GRAB 11-15 FT					H-FILL COMP 0-7					H FILL GRAB 0-7 FT					H-CLEAN
SAMPLING DATE		3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					
LAB SAMPLE ID		BK75382					BK75390					BK75413					BK75414					BK75415					BK75416					BK75383					BK75391					
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result								
Benzo(a)pyrene	ug/Kg	< 360	360	U	120					< 140	140	U	110					< 140	140	U	110					750	370		120					< 140								
Benzo(b)fluoranthene	ug/Kg	< 360	360	U	120					< 250	250	U	120					< 240	240	U	120					720	370		130					< 250								
Benzo(ghi)perylene	ug/Kg	< 360	360	U	120					< 250	250	U	110					< 240	240	U	110					480	370		120					< 250								
Benzo(k)fluoranthene	ug/Kg	< 360	360	U	120					< 250	250	U	120					< 240	240	U	120					630	370		120					< 250								
Benzoic acid	ug/Kg																																									
Benzyl Alcohol	ug/Kg																																									
Benzyl butyl phthalate	ug/Kg									< 250	250	U	91					< 240	240	U	90													< 250								
Bis(2-chloroethoxy)methane	ug/Kg									< 250	250	U	97					< 240	240	U	96													< 250								
Bis(2-chloroethyl)ether	ug/Kg									< 140	140	U	95					< 140	140	U	94													< 140								
Bis(2-chloroisopropyl)ether	ug/Kg									< 250	250	U	98					< 240	240	U	97													< 250								
Bis(2-ethylhexyl)phthalate	ug/Kg									< 250	250	U	100					< 240	240	U	100													< 250								
Caprolactam	ug/Kg									< 250	250	U	250					< 240	240	U	240													< 250								
Carbazole	ug/Kg									< 1800	1,800	U	270					< 1700	1,700	U	260													< 1800								
Chrysene	ug/Kg	< 360	360	U	120					< 250	250	U	120					< 240	240	U	120					920	370		130					< 250								
Dibenz(a,h)anthracene	ug/Kg	< 330	330	U	120					< 140	140	U	110					< 140	140	U	110					130	330	J	120					< 140								
Dibenzofuran	ug/Kg									< 250	250	U	100					< 240	240	U	100													< 250								
Diethyl phthalate	ug/Kg									< 250	250	U	110					< 240	240	U	110													< 250								
Dimethylphthalate	ug/Kg									< 250	250	U	110					< 240	240	U	110													< 250								
Di-n-butylphthalate	ug/Kg									< 250	250	U	94					< 240	240	U	93													< 250								
Di-n-octylphthalate	ug/Kg									< 250	250	U	91					< 240	240	U	90													< 250								
Fluoranthene	ug/Kg	160	360	J	120					< 250	250	U	110					< 240	240	U	110					1,900	370		120					< 250								
Fluorene	ug/Kg	< 360	360	U	120					< 250	250	U	120					< 240	240	U	110					130	370	J	120					< 250								
Hexachlorobenzene	ug/Kg									< 140	140	U	100					< 140	140	U	100													< 140								
Hexachlorobutadiene	ug/Kg									< 250	250	U	130					< 240	240	U	130													< 250								
Hexachlorocyclopentadiene	ug/Kg									< 250	250	U	110					< 240	240	U	110													< 250								
Hexachloroethane	ug/Kg									< 140	140	U	110					< 140	140	U	100													< 140								
Indeno(1,2,3-cd)pyrene	ug/Kg	< 360	360	U	120					< 250	250	U	120					< 240	240	U	120					520	370		120					< 250								
Isophorone	ug/Kg									< 140	140	U	99					< 140	140	U	98													< 140								
Naphthalene	ug/Kg	< 360	360	U	100					< 250	250	U	100					< 240	240	U	100					< 370	370	U	110					< 250								
Nitrobenzene	ug/Kg									< 140	140	U	120					< 140	140	U	120													< 140								
N-Nitrosodimethylamine	ug/Kg									< 250	250	U	99					< 240	240	U	98													< 250								
N-Nitrosodi-n-propylamine	ug/Kg									< 140	140	U	110					< 140	140	U	110													< 140								
N-Nitrosodiphenylamine	ug/Kg									< 140	140	U	140					< 140	140	U	130													< 140								
Pentachloronitrobenzene	ug/Kg																																									
Pentachlorophenol	ug/Kg									< 250	250	U	130					< 240	240	U	130													< 250								
Phenanthrene	ug/Kg	110	360	J	100					< 140	140	U	100					< 140	140	U	100					1,400	370		110					< 140								
Phenol	ug/Kg									< 250	250	U	110					< 240	240	U	110													< 250								
Pyrene	ug/Kg	170	360	J	130					< 250	250	U	120					< 240	240	U	120					1,500	370		130					< 250								
Pyridine	ug/Kg																																									
Pesticides - Soil By SW8081B																																										
4,4'-DDD	ug/Kg									< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1													< 2.1								
4,4'-DDE	ug/Kg									< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1													< 2.1								
4,4'-DDT	ug/Kg									< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1													< 2.1								
g-BHC	ug/Kg									< 7.0	7.0	U	7.0					< 6.9	6.9	U	6.9													< 7.2								
g-Chlordane	ug/Kg									< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5													< 3.6								
Aldrin	ug/Kg									< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5													< 3.6								
g-BHC	ug/Kg									< 7.0	7.0	U	7.0					< 6.9	6.9	U	6.9													< 7.2								
Chlordane	ug/Kg									< 35	35	U	35					< 35	35	U	35													< 36								
g-BHC	ug/Kg									< 7.0	7.0	U	7.0					< 6.9	6.9	U	6.9													< 7.2								
Dieldrin	ug/Kg									< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5																					

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		N COMP 7-11 FT			H-CLEAN GRAB 7-11 FT			H-CLEAN COMP 11-15 FT			H-CLEAN GRAB 11-15 FT			I FILL COMP 0-7 FT			I FILL GRAB 0-7 FT			I CLEAN COMP 7-11 FT			I CLEAN GRAB 7-11 FT			I CLEAN COMP 11-15 FT				
SAMPLING DATE		3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/3/2016			3/3/2016			3/9/2016			3/9/2016			3/9/2016				
LAB SAMPLE ID		BK75417			BK75418			BK75419			BK75420			BK77693			BK77694			BK77675			BK77676			BK77677				
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL		
Miscellaneous/Inorganics																														
Percent Solid	%				91				92				91				91				93				91			95		
Corrosivity	Pos/Neg			U					Negative			U		Negative			U		Negative			U			Negative			U		
Flash Point	Degree F	200							>200	200				>200	200				>200	200					>200	200				
Chromium, Hexavalent	mg/Kg	0.43		0.43					< 0.43	0.43		U	0.43					0.72	0.43		0.43				0.42	0.42				
Ignitability	degree F	140		U					Passed	140		U		Passed	140		U		Passed	140		U			Passed	140		U		
pH - Soil	pH Units	0.10							6.82	0.10				8.22	0.10				7.01	0.10					6.33	0.10				
Pyridine	ug/Kg	360		U	360				< 360	360		U	360					< 360	360		U	360			< 350	350		U		
Reactivity Cyanide	mg/Kg	5.4		U	0.27				< 5.2	5.2		U	0.26		< 5.3	5.3		U	0.26		< 5.4	5.4		U	0.27		< 4.9	4.9		U
Reactivity Sulfide	mg/Kg	20		U					< 20	20		U		< 20	20		U		< 20	20		U			< 20	20		U		
Reactivity	Pos/Neg			U					Negative			U		Negative			U		Negative			U			Negative			U		
Redox Potential	mV	1.0							170	1.0									220	1.0					230	1.0				
Metals, Total																														
Aluminum	mg/Kg	34		6.7					5,450	34		6.7		10,500	36		7.1		8,230	34		6.7			6,100	36				
Antimony	mg/Kg	1.7		U	1.7				1.7	1.7		1.7		< 1.8	1.8		U	1.8		< 1.7	1.7		U	1.7		< 1.8	1.8		U	
Arsenic	mg/Kg	0.7		0.67					1.9	0.7		0.67		4.5	0.7		0.71		2.3	0.7		0.67			1.8	0.7				
Barium	mg/Kg	0.7		0.34					34.7	0.7		0.34		76.4	0.7		0.36		38.2	0.7		0.34			34.3	0.7				
Beryllium	mg/Kg	0.27		0.13					0.33	0.27		0.13		0.48	0.29		0.14		0.36	0.27		0.13			0.29	0.28				
Cadmium	mg/Kg	0.34		U	0.13				0.15	0.34		B	0.13	0.22	0.36		B	0.14	< 0.34	0.34		U	0.13		< 0.36	0.36		U		
Calcium	mg/Kg	3.4		3.1					550	3.4		3.1		10,100	3.6		3.3		623	3.4		3.1			733	3.6				
Chromium	mg/Kg	0.34		0.34					13	0.34		0.34		17.4	0.36		0.36		16.7	0.34		0.34			14.8	0.36				
Cobalt	mg/Kg	0.34		0.34					5.63	0.34		0.34		6.68	0.36		0.36		6.6	0.34		0.34			5.37	0.36				
Copper	mg/kg	0.34		0.34					12.4	0.34		0.34		21	0.36		0.36		11.5	0.34		0.34			11.7	0.36				
Iron	mg/Kg	34		34					14,900	34		34		17,900	36		36		17,800	34		34			15,700	36				
Lead	mg/Kg	0.7		0.34					12	0.7		0.34		65.5	0.7		0.36		3.9	0.7		0.34			2.9	0.7				
Magnesium	mg/Kg	3.4		3.4					1,470	3.4		3.4		2,770	3.6		3.6		1,880	3.4		3.4			1,490	3.6				
Manganese	mg/Kg	3.4		3.4					382	3.4		3.4		352	3.6		3.6		447	3.4		3.4			343	3.6				
Mercury	mg/Kg	0.03		U	0.02				< 0.03	0.03		U	0.02	0.34	0.03		0.02		< 0.03	0.03		U	0.02		< 0.03	0.03		U		
Molybdenum	mg/Kg	0.34		U	0.34				< 0.34	0.34		U	0.34	0.34	0.03		0.02		< 0.34	0.34		U	0.34		< 0.36	0.36		U		
Nickel	mg/Kg	0.34		0.34					10.9	0.34		0.34		12.1	0.36		0.36		11.1	0.34		0.34			9.94	0.36				
Potassium	mg/Kg	7		2.6					653	7		2.6		1,220	7		2.8		958	7		2.6			750	7				
Selenium	mg/Kg	1.3		U	1.1				< 1.3	1.3		U	1.1	< 1.4	1.4		U	1.2	< 1.3	1.3		U	1.1		< 1.4	1.4		U		
Silver	mg/Kg	0.34		U	0.34				< 0.34	0.34		U	0.34	< 0.36	0.36		U	0.36	< 0.34	0.34		U	0.34		< 0.36	0.36		U		
Sodium	mg/Kg	7		2.9					87	7		2.9		306	7		3.1		92	7		2.9			115	7				
Thallium	mg/Kg	1.3		U	1.3				< 1.3	1.3		U	1.3	< 1.4	1.4		U	1.4	< 1.3	1.3		U	1.3		< 1.4	1.4		U		
Vanadium	mg/Kg	0.3		0.34					19.9	0.3		0.34		27.4	0.4		0.36		27.9	0.3		0.34			22.5	0.4				
Zinc	mg/Kg	0.7		0.34					20.2	0.7		0.34		62.5	0.7		0.36		24.8	0.7		0.34			18.8	0.7				
Metals, TCLP																														
TCLP Aluminum	mg/L																													
TCLP Antimony	mg/L																													
TCLP Arsenic	mg/L	0.10		U	0.040				< 0.10	0.10		U	0.040	< 0.10	0.10		U	0.040	< 0.10	0.10		U	0.040		< 0.10	0.10		U		
TCLP Barium	mg/L	0.10		0.010					0.43	0.10		0.010		0.47	0.10		0.010		0.28	0.10		0.010			0.37	0.10				
TCLP Beryllium	mg/L																													
TCLP Cadmium	mg/L	0.050		U	0.0050				< 0.050	0.050		U	0.0050	< 0.050	0.050		U	0.0050	< 0.050	0.050		U	0.0050		< 0.050	0.050		U		
TCLP Calcium	mg/L																													
TCLP Chromium	mg/L	0.10		U	0.010				< 0.10	0.10		U	0.010	< 0.10	0.10		U	0.010	< 0.10	0.10		U	0.010		< 0.10	0.10		U		
TCLP Cobalt	mg/L																													
TCLP Copper	mg/L																													
TCLP Iron	mg/L																													
TCLP Lead	mg/L	0.10		0.010					0.05	0.10		B	0.010	0.06	0.10		B	0.010	< 0.10	0.10		U	0.010		< 0.10	0.10		U		
TCLP Magnesium	mg/L																													
TCLP Manganese	mg/L																													
TCLP Mercury	mg/L	0.0002		U	0.00015				< 0.0002	0.0002		U	0.00015	< 0.0002	0.0002		U	0.00015	< 0.0002	0.0002		U	0.00015		< 0.0002	0.0002		U		
TCLP Nickel	mg/L																													
TCLP Selenium	mg/L	0.10		U	0.10				< 0.10	0.10		U	0.10	< 0.10	0.10		U	0.10	< 0.10	0.10		U	0.10		< 0.10	0.10		U		
TCLP Silver	mg/L	0.10		U	0.010				< 0.10	0.10		U	0.010	< 0.10	0.10		U	0.010	< 0.10	0.10		U	0.02		< 0.10	0.10		U		
TCLP Thallium	mg/L																													
TCLP Vanadium	mg/L																													
TCLP Zinc	mg/L																													
TPH By SW8015D DRO																														
Diesel Range Organics (C10-C28)	mg/Kg													62	54		54													
SVOA TICS																														
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																													
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																													

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		N COMP 7-11 FT				H-CLEAN GRAB 7-11 FT				H-CLEAN COMP 11-15 FT				H-CLEAN GRAB 11-15 FT				I FILL COMP 0-7 FT				I FILL GRAB 0-7 FT				I CLEAN COMP 7-11 FT				I CLEAN GRAB 7-11 FT				I CLEAN COMP 11-15 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK75417				BK75418				BK75419				BK75420				BK77693				BK77694				BK77675				BK77676				BK77677			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL					
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																				
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																				
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																				
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																				
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																				
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																				500	4	JN							1,600	4	JN					
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg								950	4	JN										940	4	JN														
Hexadecanoic acid (RT 6.690)	ug/Kg																																				
Tetradecanoic acid (RT 6.700)	ug/Kg																																				
Unknown (RT 9.500)	ug/Kg																																				
Unknown (RT 1.520)	ug/Kg																																				
Unknown (RT 1.740)	ug/Kg																																				
Unknown (RT 3.330)	ug/Kg																																				
Unknown (RT 8.150)	ug/Kg																													470	4	JN					
Unknown (RT 1.300)	ug/Kg																																				
Unknown (RT 1.530)	ug/Kg																																				
Unknown (RT 7.490)	ug/Kg																																				
Unknown (RT 8.010)	ug/Kg	4	JN																																		
Unknown (RT 1.460)	ug/Kg																																				
Unknown (RT 1.480)	ug/Kg																																				
Unknown (RT 1.520)	ug/Kg																																				
Unknown (RT 7.930)	ug/Kg																																				
VOA TICS																																					
unknown (RT 3.239)	ug/Kg																																				
unknown (RT 4.023)	ug/Kg																																				
PCBs By SW8082A																																					
PCB-1016	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1221	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1232	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1242	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1248	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1254	ug/Kg	36		36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1260	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1262	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
PCB-1268	ug/Kg	36	U	36					< 36	36	U	36					< 37	37	U	37					< 36	36	U	36			< 35	35	U				
Volatiles By SW8260C																																					
1,1,1,2-Tetrachloroethane	ug/Kg																																				
1,1,1-Trichloroethane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,1,2-Tetrachloroethane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,1,2-Trichloroethane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,1-Dichloroethane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,1-Dichloroethene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,1-Dichloropropene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,2,3-Trichlorobenzene	ug/Kg								< 5.4	5.4	U	1.1		< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1			< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,2,3-Trichloropropane	ug/Kg								< 5.4	5.4	U	1.1		< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1			< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,2,4-Trichlorobenzene	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,2,4-Trimethylbenzene	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,2-Dibromo-3-chloropropane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,2-Dibromomethane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,2-Dichlorobenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,2-Dichloroethane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,2-Dichloropropane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U				
1,3,5-Trimethylbenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,3-Dichlorobenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
1,3-Dichloropropane	ug/Kg								< 5.4	5.4	U	1.1		< 5.5	5.5	U	1.1		< 5.4	5.4	U	1.1				< 5.3	5.3	U	1.1			< 5.2	5.2	U			
1,4-Dichlorobenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
2,2-Dichloropropane	ug/Kg								< 5.4	5.4	U	0.54		< 5.5	5.5	U	0.55		< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U			
2-Chlorotoluene	ug/Kg								< 27	27	U	5.4		< 27	27	U	5.5		< 5.4	5.4	U	1.1			< 5.3	5.3	U	1.1			< 5.2	5.2	U				
2-Hexanone	ug/Kg				< 27	27	U	5.4					< 27	27	U	5.5		< 27	27	U	5.4				< 27	27	U	5.4			< 27	27	U				
2-Isopropyltoluene	ug/Kg																	< 5.4	5.4	U	0.54				< 5.3	5.3	U	0.53			< 5.2	5.2	U				
4-Chlorotoluene	ug/Kg																	< 5.4	5.4	U	0.54																

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		N COMP 7-11 FT				H-CLEAN GRAB 7-11 FT				H-CLEAN COMP 11-15 FT				H-CLEAN GRAB 11-15 FT				I FILL COMP 0-7 FT				I FILL GRAB 0-7 FT				I CLEAN COMP 7-11 FT				I CLEAN GRAB 7-11 FT				I CLEAN COMP 11-15 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK75417				BK75418				BK75419				BK75420				BK77693				BK77694				BK77675				BK77676				BK77677			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Cyclohexane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Dibromochloromethane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Dibromomethane	ug/Kg																				< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Dichlorodifluoromethane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Ethylbenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Hexachlorobutadiene	ug/Kg																				< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Isopropylbenzene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
m&p-Xylene	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Methyl Ethyl Ketone	ug/Kg				< 32	32	U	5.4					< 33	33	U	5.5					< 33	33	U	5.4					< 32	32	U	5.3					
Methyl t-butyl ether (MTBE)	ug/Kg				< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1					
Methylacetate	ug/Kg				< 5.4	5.4	U	2.7					< 5.5	5.5	U	2.7																					
Methylcyclohexane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1																					
Methylene chloride	ug/Kg				< 5.4	5.4	U	5.4					< 5.5	5.5	U	5.5					< 5.4	5.4	U	5.4					< 5.3	5.3	U	5.3					
Naphthalene	ug/Kg																				< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
n-Butylbenzene	ug/Kg																				< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
n-Propylbenzene	ug/Kg																				< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
o-Xylene	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
p-Isopropyltoluene	ug/Kg																				< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
sec-Butylbenzene	ug/Kg																				< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Styrene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
tert-Butylbenzene	ug/Kg																				< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Tetrachloroethene	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Tetrahydrofuran (THF)	ug/Kg																				< 11	11	U	2.7					< 11	11	U	2.7					
Toluene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Total Xylenes	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1																					
trans-1,2-Dichloroethene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
trans-1,3-Dichloropropene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
trans-1,4-dichloro-2-butene	ug/Kg																				< 11	11	U	2.7					< 11	11	U	2.7					
Trichloroethene	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Trichlorofluoromethane	ug/Kg				< 5.4	5.4	U	1.1					< 5.5	5.5	U	1.1					< 5.4	5.4	U	1.1					< 5.3	5.3	U	1.1					
Trichlorotrifluoroethane	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
Vinyl chloride	ug/Kg				< 5.4	5.4	U	0.54					< 5.5	5.5	U	0.55					< 5.4	5.4	U	0.54					< 5.3	5.3	U	0.53					
1,1,1,2-Tetrachloroethane	ug/Kg				< 22	22	U	1.1					< 22	22	U	1.1					< 5.4	5.4	U	1.1					< 21	21	U	1.1					
Acrolein	ug/Kg				< 22	22	U	2.7					< 22	22	U	2.7					< 22	22	U	2.7					< 21	21	U	2.7					
Acrylonitrile	ug/Kg				< 22	22	U	0.54					< 22	22	U	0.55					< 22	22	U	0.54					< 21	21	U	0.53					
Tert-butyl alcohol	ug/Kg				< 110	110	U	22					< 110	110	U	22					< 110	110	U	22					< 110	110	U	21					
Semivolatiles By SW8270D																																					
1,1-Biphenyl	ug/Kg	250	U	110						< 250	250	U	110												< 250	250	U	110					< 240	240	U		
1,2,4,5-Tetrachlorobenzene	ug/Kg	250	U	130						< 250	250	U	130					< 260	260	U	130				< 250	250	U	130					< 240	240	U		
1,2,4-Trichlorobenzene	ug/Kg																	< 260	260	U	110																
1,2-Dichlorobenzene	ug/Kg																	< 260	260	U	100																
1,2-Diphenylhydrazine	ug/Kg																	< 260	260	U	120																
1,3-Dichlorobenzene	ug/Kg																	< 260	260	U	110																
1,4-Dichlorobenzene	ug/Kg																	< 260	260	U	110																
2,3,4,6-tetrachlorophenol	ug/Kg	250	U	170						< 250	250	U	170												< 250	250	U	170					< 240	240	U		
2,4,5-Trichlorophenol	ug/Kg	250	U	200						< 250	250	U	200					< 260	260	U	200				< 250	250	U	200					< 240	240	U		
2,4,6-Trichlorophenol	ug/Kg	140	U	120						< 140	140	U	120					< 260	260	U	120				< 140	140	U	110					< 140	140	U		
2,4-Dichlorophenol	ug/Kg	140	U	130						< 140	140	U	130					< 260	260	U	130				< 140	140	U	130					< 140	140	U		
2,4-Dimethylphenol	ug/Kg	250	U	89						< 250	250	U	90																								

Brooklyn, New York

LOCATION		N COMP 7-11 FT				H-CLEAN GRAB 7-11 FT				H-CLEAN COMP 11-15 FT				H-CLEAN GRAB 11-15 FT				1 FILL COMP 0-7 FT				1 FILL GRAB 0-7 FT				1 CLEAN COMP 7-11 FT				1 CLEAN GRAB 7-11 FT				1 CLEAN COMP 11-15 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/3/2016				3/3/2016				3/9/2016				3/9/2016				3/9/2016			
LAB SAMPLE ID		BK75417				BK75418				BK75419				BK75420				BK77693				BK77694				BK77675				BK77676				BK77677			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL					
Benzo(a)pyrene	ug/Kg	140	U	120													990	260	120																		
Benzo(b)fluoranthene	ug/Kg	250	U	120													900	260	130																		
Benzo(ghi)perylene	ug/Kg	250	U	120													550	260	120																		
Benzo(k)fluoranthene	ug/Kg	250	U	120													870	260	120																		
Benzoic acid	ug/Kg																< 1800	1,800	U	730																	
Benzyl Alcohol	ug/Kg																																				
Benzyl butyl phthalate	ug/Kg	250	U	93													< 260	260	U	94																	
Bis(2-chloroethoxy)methane	ug/Kg	250	U	99													< 260	260	U	100																	
Bis(2-chloroethyl)ether	ug/Kg	140	U	97													< 260	260	U	99																	
Bis(2-chloroisopropyl)ether	ug/Kg	250	U	100													< 260	260	U	100																	
Bis(2-ethylhexyl)phthalate	ug/Kg	250	U	100													< 260	260	U	110																	
Caprolactam	ug/Kg	250	U	250													< 250	250	U	250																	
Carbazole	ug/Kg	1,800	U	270													< 1800	1,800	U	280																	
Chrysene	ug/Kg	250	U	120													1,200	260	120																		
Dibenz(a,h)anthracene	ug/Kg	140	U	120													< 260	260	U	120																	
Dibenzofuran	ug/Kg	250	U	110													< 260	260	U	110																	
Diethyl phthalate	ug/Kg	250	U	110													< 260	260	U	120																	
Dimethylphthalate	ug/Kg	250	U	110													< 260	260	U	110																	
Di-n-butylphthalate	ug/Kg	250	U	96													620	260	97																		
Di-n-octylphthalate	ug/Kg	250	U	93													< 260	260	U	94																	
Fluoranthene	ug/Kg	250	U	120													2,300	260	120																		
Fluorene	ug/Kg	250	U	120													140	260	J	120																	
Hexachlorobenzene	ug/Kg	140	U	110													< 260	260	U	110																	
Hexachlorobutadiene	ug/Kg	250	U	130													< 260	260	U	130																	
Hexachlorocyclopentadiene	ug/Kg	250	U	110													< 260	260	U	110																	
Hexachloroethane	ug/Kg	140	U	110													< 260	260	U	110																	
Indeno(1,2,3-cd)pyrene	ug/Kg	250	U	120													680	260	120																		
Isophorone	ug/Kg	140	U	100													< 260	260	U	100																	
Naphthalene	ug/Kg	250	U	100													< 260	260	U	110																	
Nitrobenzene	ug/Kg	140	U	130													< 260	260	U	130																	
N-Nitrosodimethylamine	ug/Kg	250	U	100													< 260	260	U	100																	
N-Nitrosodi-n-propylamine	ug/Kg	140	U	120													< 260	260	U	120																	
N-Nitrosodiphenylamine	ug/Kg	140	U	140													< 260	260	U	140																	
Pentachloronitrobenzene	ug/Kg																< 260	260	U	140																	
Pentachlorophenol	ug/Kg	250	U	140													< 250	250	U	130																	
Phenanthrene	ug/Kg	140	U	100													1,700	260	100																		
Pyrene	ug/Kg	250	U	120													< 260	260	U	120																	
Pyridine	ug/Kg																2,100	260	130																		
																	< 260	260	U	90																	
Pesticides - Soil By SW8081B																																					
4,4' -DDD	ug/Kg	2.1	U	2.1																																	
4,4' -DDE	ug/Kg	2.1	U	2.1																																	
4,4' -DDT	ug/Kg	2.1	U	2.1																																	
a-BHC	ug/Kg	7.2	U	7.2																																	
a-Chlordane	ug/Kg	3.6	U	3.6																																	
Aldrin	ug/Kg	3.6	U	3.6																																	
b-BHC	ug/Kg	7.2	U	7.2																																	
Chlordane	ug/Kg	36	U	36																																	
d-BHC	ug/Kg	7.2	U	7.2																																	
Dieldrin	ug/Kg	3.6	U	3.6																																	
Endosulfan I	ug/Kg	7.2	U	7.2																																	
Endosulfan II	ug/Kg	7.2	U	7.2																																	
Endosulfan sulfate	ug/Kg	7.2	U	7.2																																	
Endrin	ug/Kg	7.2	U	7.2																																	
Endrin aldehyde	ug/Kg	7.2	U	7.2																																	
Endrin ketone	ug/Kg	7.2	U	7.2																																	
g-BHC	ug/Kg	1.4	U	1.4																																	
g-Chlordane	ug/Kg	3.6	U	3.6																																	
Heptachlor	ug/Kg	7.2	U	7.2																																	
Heptachlor epoxide	ug/Kg	7.2	U	7.2																																	
Methoxychlor	ug/Kg	36	U	36																																	
Toxaphene	ug/Kg	140	U	140																																	
NJ EPH Category 1 (Fuel #2/Diesel) By NJEPH 10-08 R3																																					
ΣC28-C40	mg/kg	54	U	54																											</						

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		5 FT	I CLEAN GRAB 11-15 FT				J-FILL COMP 0-7				J-FILL GRAB 0-7 FT				J-CLEAN COMP 7-11 FT				J-CLEAN GRAB 7-11 FT				J CLEAN COMP 11-15 FT				J-CLEAN GRAB 11-15 FT				K-FILL COMP 0-7				K-FIL				
SAMPLING DATE			3/9/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016								
LAB SAMPLE ID			BK77678				BK75384				BK75392				BK75421				BK75422				BK75393				BK75423				BK75385								
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result								
Miscellaneous/Inorganics																																							
Percent Solid	%		94				88				87				92				93				92				94				86				86				
Corrosivity	Pos/Neg						Negative				U				Negative				U				Negative				U				Negative				U				
Flash Point	Degree F						>200				200				>200				200				>200				200				>200				200				
Chromium, Hexavalent	mg/Kg	0.42					0.46				0.43				0.46				0.43				0.46				0.43				0.46				0.43				
Ignitability	degree F						Passed				140				Passed				140				Passed				140				Passed				140				
pH - Soil	pH Units						8.37				0.10				7.18				0.10				8.1				0.10				7.78				0.10				
Pyridine	ug/Kg	350					< 360				360				< 360				360				< 360				360				< 360				360				
Reactivity Cyanide	mg/Kg	0.24					< 5.4				5.4				< 5.4				5.4				< 5.1				5.1				< 5.6				5.6				
Reactivity Sulfide	mg/Kg						< 5.7				5.7				< 20				20				< 20				20				< 20				20				
Reactivity	Pos/Neg						< 20				20				Negative				U				Negative				U				< 20				20				
Redox Potential	mV						Negative				U				200				1.0												Negative				U				
Metals, Total																																							
Aluminum	mg/Kg	7.1					9,420				51				6,620				34				5,790				32				12,800				53				7.1
Antimony	mg/Kg	1.8					7.1				3.4				< 1.7				1.7				< 1.6				1.6				2				3.5				
Arsenic	mg/Kg	0.71					9.3				0.7				1.8				0.7				2				0.6				5.2				0.7				
Barium	mg/Kg	0.36					169				0.34				35.4				0.7				37				0.6				108				0.35				
Beryllium	mg/Kg	0.14					0.46				0.27				0.36				0.27				0.36				0.26				0.53				0.28				
Cadmium	mg/Kg	0.14					1.48				0.34				< 0.34				0.34				0.13				0.32				0.15				0.35				
Calcium	mg/Kg	3.3					11,100				51				853				3.4				825				3.2				3,310				5.3				
Chromium	mg/Kg	0.36					23.7				0.34				16.1				0.34				17.6				0.32				19.1				0.35				
Cobalt	mg/Kg	0.36					7.79				0.34				5.98				0.34				7.12				0.32				6.57				0.35				
Copper	mg/kg	0.36					101				0.34				11.5				0.34				12.6				0.32				88.2				0.35				
Iron	mg/Kg	36					25,100				51				15,100				34				16,400				32				19,600				53				
Lead	mg/Kg	0.36					606				0.34				5.4				0.7				6.4				0.6				194				0.35				
Magnesium	mg/Kg	3.6					2,480				5.1				2,370				3.4				2,070				3.2				2,250				5.3				
Manganese	mg/Kg	3.6					346				3.4				347				3.4				371				3.2				450				3.5				
Mercury	mg/Kg	0.02					2.2				0.29				0.02				0.03				< 0.03				0.03				0.29				0.03				
Molybdenum	mg/Kg	0.36					13.6				0.34				< 0.34				0.34				11.5				0.32				12.9				0.35				
Nickel	mg/Kg	0.36					1,050				5.1				1,200				7				985				6				853				5.3				
Potassium	mg/Kg	2.8					< 1.4				1.4				< 1.4				1.4				< 1.3				1.3				< 1.4				1.4				
Selenium	mg/Kg	1.2					< 0.34				0.34				< 0.34				0.34				< 0.32				0.32				< 0.35				0.35				
Silver	mg/Kg	0.36					328				5.1				97				7				101				6				163				5.3				
Sodium	mg/Kg	3.1					< 3.0				3.0				< 1.4				1.4				< 1.3				1.3				< 3.2				3.2				
Thallium	mg/Kg	1.4					32.2				0.34				23.2				0.3				27.2				0.3				27.9				0.35				
Vanadium	mg/Kg	0.36					589				3.4				24.4				0.7				25.1				0.6				131				0.35				
Zinc	mg/Kg	0.36																																					
Metals, TCLP																																							
TCLP Aluminum	mg/L						0.2				1.0				B 0.050																0.5				1.0				
TCLP Antimony	mg/L						< 0.060				0.060				U 0.050																< 0.060				0.060				
TCLP Arsenic	mg/L	0.040					< 0.10				0.10				U 0.040								< 0.10				0.10				U 0.040				< 0.10				
TCLP Barium	mg/L	0.010					0.65				0.10				0.010								0.33				0.10				0.010				0.42				
TCLP Beryllium	mg/L						< 0.040				0.040				U 0.010								< 0.040				0.040				U 0.010				< 0.040				
TCLP Cadmium	mg/L	0.0050					0.013				0.050				B 0.0050								< 0.050				0.050				U 0.0050				< 0.050				
TCLP Calcium	mg/L						409				0.10				0.10								115				0.10				0.10				115				
TCLP Chromium	mg/L	0.010					< 0.10				0.10				U 0.010								< 0.10				0.10				U 0.010				< 0.10				
TCLP Cobalt	mg/L						0				1.0				B 0.010								< 1.0				1.0				U 0.010				< 1.0				
TCLP Copper	mg/L						1.04				0.10				0.010								0.05				0.10				B 0.010				0.05				
TCLP Iron	mg/L						< 0.10				0.10				U 0.10								< 0.10				0.10				U 0.10				< 0.10				
TCLP Lead	mg/L	0.010					0.55				0.10				0.010								< 0.10				0.10				U 0.010				0.95				
TCLP Magnesium	mg/L						16.7				0.10				0.10								< 0.10				0.10				U 0.010				8.05				
TCLP Manganese	mg/L						1.47				0.10				0.010								1.04				0.10				0.010				1.04				
TCLP Mercury	mg/L	0.0015					< 0.0002				0.0002				U 0.0015								< 0.0002				0.0002				U 0.0015				< 0.0002				
TCLP Nickel	mg/L						0.02				0.10				B 0.010								< 0.10				0.10				U 0.010				< 0.10				
TCLP Selenium	mg/L	0.10					< 0.10				0.10				U 0.10								< 0.10				0.10				U 0.10				< 0.10				
TCLP Silver	mg/L	0.02					< 0.10				0.10				U 0.010								< 0.10				0.10				U 0.010				< 0.10				
TCLP Thallium	mg/L						< 0.050				0.050				U 0.20								< 0.10				0.10				U 0.010				< 0.050				
TCLP Vanadium	mg/L						< 0.10				0.10				U 0.010								< 0.10				0.10				U 0.010				< 0.10				
TCLP Zinc	mg/L						3.76				0.10				0.011																0.46				0.10				
TPH By SW8015D DRO																																							
Diesel Range Organics (C10-C28)	mg/Kg						70				57				57																< 58				58				
SVOA TICs																																							
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																						
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																						

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		5 FT	I CLEAN GRAB 11-15 FT				J-FILL COMP 0-7				J-FILL GRAB 0-7 FT				J-CLEAN COMP 7-11 FT				J-CLEAN GRAB 7-11 FT				J CLEAN COMP 11-15 FT				J-CLEAN GRAB 11-15 FT				K-FILL COMP 0-7				K-FILL
SAMPLING DATE			3/9/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID			BK77678				BK75384				BK75392				BK75421				BK75422				BK75393				BK75423				BK75385				
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result				
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																		
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																		
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																		
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																		
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																		
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																		
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																		
Hexadecanoic acid (RT 6.690)	ug/Kg																																		
Tetradecanoic acid (RT 6.700)	ug/Kg														400	4	JN																		
Unknown (RT 9.500)	ug/Kg																																		
Unknown (RT 1.520)	ug/Kg																																		
Unknown (RT 1.740)	ug/Kg																																		
Unknown (RT 3.330)	ug/Kg																																		
Unknown (RT 8.150)	ug/Kg																																		
Unknown (RT 1.300)	ug/Kg																																		
Unknown (RT 1.530)	ug/Kg														34,000	4	JN																		
Unknown (RT 7.490)	ug/Kg																																		
Unknown (RT 8.010)	ug/Kg														590	4	JN								710	4	JN								
Unknown (RT 1.460)	ug/Kg																																		
Unknown (RT 1.480)	ug/Kg																																		
Unknown (RT 1.520)	ug/Kg																																		
Unknown (RT 7.930)	ug/Kg																																		
VOA TICS																																			
unknown (RT 3.338)	ug/Kg																																		
unknown (RT 4.023)	ug/Kg																																		
PCBs By SW8082A																																			
PCB-1016	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1221	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1232	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1242	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1248	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1254	ug/Kg	35					< 38	38	U	38					53	35	35																		
PCB-1260	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1262	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
PCB-1268	ug/Kg	35					< 38	38	U	38					< 35	35	U	35																	
Volatiles By SW8260C																																			
1,1,1,2-Tetrachloroethane	ug/Kg						< 5.7	5.7	U	1.1																									
1,1,1-Trichloroethane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,1,2,2-Tetrachloroethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,1,2-Trichloroethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,1-Dichloroethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,1-Dichloroethene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,1-Dichloropropene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,2,3-Trichlorobenzene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1									< 5.4	5.4	U	1.1													
1,2,3-Trichloropropane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57																									
1,2,4-Trichlorobenzene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,2,4-Trimethylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57									< 5.5	5.5	U	1.1													
1,2-Dibromo-3-chloropropane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,2-Dibromoethane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,2-Dichlorobenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,2-Dichloroethane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,2-Dichloropropane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0																	
1,3,5-Trimethylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57																									
1,3-Dichlorobenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
1,3-Dichloropropane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1																									
1,4-Dichlorobenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52																	
2,2-Dichloropropane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57									< 5.5	5.5	U	0.55													
2-Chlorotoluene	ug/Kg																																		

Brooklyn, New York

LOCATION		5 FT	1 CLEAN GRAB 11-15 FT				J-FILL COMP 0-7				J-FILL GRAB 0-7 FT				J-CLEAN COMP 7-11 FT				J-CLEAN GRAB 7-11 FT				J-CLEAN COMP 11-15 FT				J-CLEAN GRAB 11-15 FT				K-FILL COMP 0-7				K-FILL
SAMPLING DATE			3/9/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID			BK77678				BK75384				BK75392				BK75421				BK75422				BK75393				BK75423				BK75385				
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result				
Cyclohexane	ug/Kg														< 5.2	5.2	U	1.0					< 5.5	5.5	U	1.1									
Dibromochloromethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6			
Dibromomethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6			
Dichlorodifluoromethane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6			
Ethylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6			
Hexachlorobutadiene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6			
Isopropylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57					< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6			
m&p-Xylene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1					< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6			
Methyl Ethyl Ketone	ug/Kg		< 31	31	U	5.2	< 34	34	U	5.7	< 34	34	U	5.7					< 31	31	U	5.2		< 33	33	U	5.5	< 35	35	U	5.9	< 33			
Methyl t-butyl ether (MTBE)	ug/Kg		< 10	10	U	1.0	< 11	11	U	1.1	< 11	11	U	1.1					< 10	10	U	1.0		< 11	11	U	1.1	< 12	12	U	1.2	< 11			
Methylacetate	ug/Kg														< 5.2	5.2	U	2.6					< 5.5	5.5	U	2.8									
Methylcyclohexane	ug/Kg														< 5.2	5.2	U	1.0					< 5.5	5.5	U	1.1									
Methylene chloride	ug/Kg		< 5.2	5.2	U	5.2	< 5.7	5.7	U	5.7	< 5.7	5.7	U	5.7					< 5.2	5.2	U	5.2		< 5.5	5.5	U	5.5	< 5.9	5.9	U	5.9	< 5.6			
Naphthalene	ug/Kg		< 5.2	5.2	U	1.0	98	280	J	56	1.4	5.7	J	1.1					< 5.2	5.2	U	1.0						1.2	5.9	J	1.2	< 5.6			
n-Butylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57														< 5.9	5.9	U	0.59	< 5.6			
n-Propylbenzene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.0	< 5.7	5.7	U	1.0														< 5.9	5.9	U	1.1	< 5.6			
o-Xylene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1				< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6				
p-Isopropyltoluene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57														< 5.9	5.9	U	0.59	< 5.6			
sec-Butylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57														< 5.9	5.9	U	0.59	< 5.6			
Styrene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
tert-Butylbenzene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57														< 5.9	5.9	U	0.59	< 5.6			
Tetrachloroethene	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1				< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6				
Tetrahydrofuran (THF)	ug/Kg		< 10	10	U	2.6	< 11	11	U	2.9	< 11	11	U	2.8														< 12	12	U	2.9	< 11			
Toluene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
Total Xylenes	ug/Kg														< 5.2	5.2	U	1.0					< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6				
trans-1,2-Dichloroethene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
trans-1,3-Dichloropropene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
trans-1,4-dichloro-2-butene	ug/Kg		< 10	10	U	2.6	< 11	11	U	2.9	< 11	11	U	2.8														< 12	12	U	2.9	< 11			
Trichloroethene	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
Trichlorofluoromethane	ug/Kg		< 5.2	5.2	U	1.0	< 5.7	5.7	U	1.1	< 5.7	5.7	U	1.1				< 5.2	5.2	U	1.0		< 5.5	5.5	U	1.1	< 5.9	5.9	U	1.2	< 5.6				
Trichlorotrifluoroethane	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
Vinyl chloride	ug/Kg		< 5.2	5.2	U	0.52	< 5.7	5.7	U	0.57	< 5.7	5.7	U	0.57				< 5.2	5.2	U	0.52		< 5.5	5.5	U	0.55	< 5.9	5.9	U	0.59	< 5.6				
1,1,1,2-Tetrachloroethane	ug/Kg		< 21	21	U	1.0					< 21	21	U	1.0				< 21	21	U	1.0		< 22	22	U	1.1									
Acrolein	ug/Kg		< 21	21	U	2.6	< 23	23	U	2.9	< 23	23	U	2.8				< 21	21	U	2.6		< 22	22	U	2.8	< 23	23	U	2.9	< 22				
Acrylonitrile	ug/Kg		< 21	21	U	0.52	< 11	11	U	0.57	< 11	11	U	0.57				< 21	21	U	0.52		< 22	22	U	0.55	< 12	12	U	0.59	< 22				
Tert-butyl alcohol	ug/Kg		< 100	100	U	21	< 110	110	U	23	< 110	110	U	23				< 100	100	U	21		< 110	110	U	22	< 120	120	U	23	< 110				
Semivolatiles By SW8270D																																			
1,1-Biphenyl	ug/Kg	110													< 250	250	U	110					< 250	250	U	110									
1,2,4,5-Tetrachlorobenzene	ug/Kg	120													< 250	250	U	130					< 250	250	U	120									
1,2,4-Trichlorobenzene	ug/Kg																																		
1,2-Dichlorobenzene	ug/Kg																																		
1,2-Diphenylhydrazine	ug/Kg																							< 350	350	U	350								
1,3-Dichlorobenzene	ug/Kg																																		
1,4-Dichlorobenzene	ug/Kg																																		
2,3,4,6-tetrachlorophenol	ug/Kg	160													< 250	250	U	170					< 250	250	U	170									
2,4,5-Trichlorophenol	ug/Kg	190													< 250	250	U	200					< 250	250	U	190									
2,4,6-Trichlorophenol	ug/Kg	110													< 140	140	U	110					< 140	140	U	110									
2,4-Dichlorophenol	ug/Kg	120													< 140	140	U	130					< 140	140	U	120									
2,4-Dimethylphenol	ug/Kg	87													< 250	250	U	88					< 250	250	U	88									
2,4-Dinitrophenol	ug/Kg	240													< 250	250	U	250					< 250	250	U	250									
2,4-Dinitrotoluene	ug/Kg	140													< 140	140	U	140					< 140	140	U	140									
2,6-Dinitrotoluene	ug/Kg	110													< 140	140	U	110					< 140	140	U	110									
2-Chloronaphthalene	ug/Kg	99													< 250	250	U	100					< 250	250	U	100									
2-Chlorophenol	ug/Kg	99													< 250	250	U	100					< 250	250	U	100									
2-Methylnaphthalene	ug/Kg	100					430	370		110	< 250	250	U	110	< 250	250	U	110					< 250	250											

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		5 FT	I CLEAN GRAB 11-15 FT				J-FILL COMP 0-7				J-FILL GRAB 0-7 FT				J-CLEAN COMP 7-11 FT				J-CLEAN GRAB 7-11 FT				J CLEAN COMP 11-15 FT				J-CLEAN GRAB 11-15 FT				K-FILL COMP 0-7				K-FIL
SAMPLING DATE			3/9/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID			BK77678				BK75384				BK75392				BK75421				BK75422				BK75393				BK75423				BK75385				
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result
Benzo(a)pyrene	ug/Kg	110					4,900	370	120						< 140	140	U	120					< 140	140	U	120									
Benzo(b)fluoranthene	ug/Kg	120					4,600	370	130						< 250	250	U	120					< 250	250	U	120									
Benzo(ghi)perylene	ug/Kg	110					3,200	370	120						< 250	250	U	120					< 250	250	U	110									
Benzo(k)fluoranthene	ug/Kg	120					3,500	370	120						< 250	250	U	120					< 250	250	U	120									
Benzoic acid	ug/Kg																																		
Benzyl Alcohol	ug/Kg																									< 350	350	U	350						
Benzyl butyl phthalate	ug/Kg	90													< 250	250	U	92					< 250	250	U	91									
Bis(2-chloroethoxy)methane	ug/Kg	97													< 250	250	U	98					< 250	250	U	98									
Bis(2-chloroethyl)ether	ug/Kg	94													< 140	140	U	96					< 140	140	U	96									
Bis(2-chloroisopropyl)ether	ug/Kg	97													< 250	250	U	99					< 250	250	U	98									
Bis(2-ethylhexyl)phthalate	ug/Kg	100													< 250	250	U	100					< 250	250	U	100									
Caprolactam	ug/Kg	240													< 250	250	U	250					< 250	250	U	250									
Carbazole	ug/Kg	270													< 1800	1,800	U	270					< 1800	1,800	U	270									
Chrysene	ug/Kg	120					6,300	370	120						< 250	250	U	120					< 250	250	U	120									
Dibenz(a,h)anthracene	ug/Kg	110					630	370	120						< 140	140	U	120					< 140	140	U	110									
Dibenzofuran	ug/Kg	100													< 250	250	U	100					< 250	250	U	100									
Diethyl phthalate	ug/Kg	110													< 250	250	U	110					< 250	250	U	110									
Dimethylphthalate	ug/Kg	110													< 250	250	U	110					< 250	250	U	110									
Di-n-butylphthalate	ug/Kg	93													< 250	250	U	95					< 250	250	U	94									
Di-n-octylphthalate	ug/Kg	90													< 250	250	U	92					< 250	250	U	91									
Fluoranthene	ug/Kg	110					12,000	1,800	D 600						< 250	250	U	120					< 250	250	U	110									
Fluorene	ug/Kg	120					1,100	370	120						< 250	250	U	120					< 250	250	U	120									
Hexachlorobenzene	ug/Kg	100													< 140	140	U	100					< 140	140	U	100									
Hexachlorobutadiene	ug/Kg	130													< 250	250	U	130					< 250	250	U	130									
Hexachlorocyclopentadiene	ug/Kg	110													< 250	250	U	110					< 250	250	U	110									
Hexachloroethane	ug/Kg	100													< 140	140	U	110					< 140	140	U	110									
Indeno(1,2,3-cd)pyrene	ug/Kg	120					3,300	370	120						< 250	250	U	120					< 250	250	U	120									
Isophorone	ug/Kg	98													< 140	140	U	100					< 140	140	U	99									
Naphthalene	ug/Kg	100					900	370	110						< 250	250	U	100					< 250	250	U	100									
Nitrobenzene	ug/Kg	120													< 140	140	U	120					< 140	140	U	120									
N-Nitrosodimethylamine	ug/Kg	99													< 250	250	U	100					< 250	250	U	100									
N-Nitrosodi-n-propylamine	ug/Kg	110													< 140	140	U	120					< 140	140	U	110									
N-Nitrosodiphenylamine	ug/Kg	130													< 140	140	U	140					< 140	140	U	140									
Pentachloronitrobenzene	ug/Kg																																		
Pentachlorophenol	ug/Kg	130													< 250	250	U	130					< 250	250	U	130									
Phenanthrene	ug/Kg	100					12,000	1,800	D 530						< 140	140	U	100					< 140	140	U	100									
Phenol	ug/Kg	110													< 250	250	U	110					< 250	250	U	110									
Pyrene	ug/Kg	120					11,000	1,800	D 640						< 250	250	U	120					< 250	250	U	120									
Pyridine	ug/Kg																																		
Pesticides - Soil By SW8081B																																			
4,4' -DDD	ug/Kg	2.1													< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1									
4,4' -DDE	ug/Kg	2.1													< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1									
4,4' -DDT	ug/Kg	2.1													< 2.1	2.1	U	2.1					< 2.1	2.1	U	2.1									
g-BHC	ug/Kg	7.0													< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0									
g-Chlordane	ug/Kg	3.5													< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5									
Aldrin	ug/Kg	3.5													< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5									
g-BHC	ug/Kg	7.0													< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0									
Chlordane	ug/Kg	35													< 35	35	U	35					< 35	35	U	35									
g-BHC	ug/Kg	7.0													< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0									
Dieldrin	ug/Kg	3.5													< 3.5	3.5	U	3.5					< 3.5	3.5	U	3.5									
Endosulfan I	ug/Kg	7.0													< 7.0	7.0	U	7.0					< 7.0	7.0	U	7.0									
Endosulfan II	ug/Kg	7.0						</																											

Brooklyn, New York

LOCATION		L GRAB 0-7 FT			K CLEAN COMP 7-11 FT			K-CLEAN GRAB 7-11 FT			K-CLEAN COMP 11-15 FT			K CLEAN GRAB 11-15 FT			LB1/B3 FILL GRAB 0-7 FT			LB 2 FILL GRAB 0-7 FT			LB2 FILL 0-10 FT			LB2 CLEAN 10-15					
SAMPLING DATE		3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016					
LAB SAMPLE ID		BK75424			BK75394			BK75395			BK75396			BK75397			BK75425			BK75426			BK75387			BK75402					
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual				
Miscellaneous/Inorganics																															
Percent Solid	%				92				94				91				93				87				90				85		
Corrosivity	Pos/Neg				Negative			U					Negative			U					Negative			U				Negative		U	
Flash Point	Degree F				>200			200					>200			200					>200			200				>200		200	
Chromium, Hexavalent	mg/Kg																														
Ignitability	degree F				Passed			140				U	Passed			140					Passed			140			U	Passed		140	U
pH - Soil	pH Units				5.86			0.10					6.01			0.10					8.77			0.10				7.39		0.10	
Pyridine	ug/Kg																														
Reactivity Cyanide	mg/Kg				< 5.4			5.4				U 0.27	< 5.5			5.5			U 0.27								< 5.8		5.8	U	
Reactivity Sulfide	mg/Kg				< 20			20				U	< 20			20			U		< 5.6			5.6			U 0.28	< 20		20	U
Reactivity	Pos/Neg				Negative			U					Negative			U					< 20			20			U	Negative		U	
Redox Potential	mV																				Negative			U							
Metals, Total																															
Aluminum	mg/Kg				7,680			37				7.4	7,520			36			7.2		8,790			57			7.6	10,500		40	
Antimony	mg/Kg				< 1.9			1.9				U 1.9	< 1.8			1.8			U 1.8		< 3.8			3.8			U 1.9	< 2.0		2.0	U
Arsenic	mg/Kg				2.3			0.7				0.74	2.5			0.7			0.72		5.7			0.8			0.76	2.3		0.8	
Barium	mg/Kg				39.8			0.7				0.37	42.9			0.7			0.36		348			0.38			0.38	38.9		0.8	
Beryllium	mg/Kg				0.39			0.30				0.15	0.41			0.29			0.14		0.36			0.30			0.15	0.54		0.32	
Cadmium	mg/Kg				0.16			0.37				B 0.15	0.14			0.36			B 0.14		0.29			0.38			B 0.15	< 0.40		0.40	U
Calcium	mg/Kg				576			3.7				3.4	641			3.6			3.3		36,000			57			35	738		4.0	
Chromium	mg/Kg				16.5			0.37				0.37	18.8			0.36			0.36		17.4			0.38			0.38	28.8		0.40	
Cobalt	mg/Kg				6.26			0.37																							

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

[illegible]

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		L GRAB 0-7 FT				K CLEAN COMP 7-11 FT				K-CLEAN GRAB 7-11 FT				K-CLEAN COMP 11-15 FT				K CLEAN GRAB 11-15 FT				LB1/B3 FILL GRAB 0-7 FT				LB 2 FILL GRAB 0-7 FT				LB2 FILL 0-10 FT				LB2 CLEAN 10-15			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75424				BK75394				BK75395				BK75396				BK75397				BK75425				BK75426				BK75387				BK75402			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Cyclohexane	ug/Kg								< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67																	
Dibromochloromethane	ug/Kg	5.6	U	1.1						< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
Dibromomethane	ug/Kg	5.6	U	1.1														< 5.6	5.6	U	1.1	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
Dichlorodifluoromethane	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Ethylbenzene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Hexachlorobutadiene	ug/Kg	5.6	U	0.56														< 5.6	5.6	U	0.56	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Isopropylbenzene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
m&p-Xylene	ug/Kg	5.6	U	1.1						< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
Methyl Ethyl Ketone	ug/Kg	33	U	5.6						< 31	31	U	5.2					< 20	20	U	3.3	< 34	34	U	5.6	< 33	33	U	5.4	< 33	33	U	5.6				
Methyl t-butyl ether (MTBE)	ug/Kg	11	U	1.1						< 10	10	U	1.0					< 6.7	6.7	U	0.67	< 11	11	U	1.1	< 11	11	U	1.1	< 11	11	U	1.1				
Methylacetate	ug/Kg									< 5.2	5.2	U	2.6					< 3.3	3.3	U	1.7																
Methylcyclohexane	ug/Kg									< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67																
Methylene chloride	ug/Kg	5.6	U	5.6						< 5.2	5.2	U	5.2					< 3.3	3.3	U	3.3	< 5.6	5.6	U	5.6	< 5.4	5.4	U	5.4	< 5.6	5.6	U	5.6				
Naphthalene	ug/Kg	5.6	U	1.1														< 5.6	5.6	U	1.1	1.7	5.4	J	1.1	93	280	J	57								
n-Butylbenzene	ug/Kg	5.6	U	0.56														< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56								
n-Propylbenzene	ug/Kg	5.6	U	1.0														< 5.6	5.6	U	1.0	< 5.4	5.4	U	0.98	< 5.6	5.6	U	1.0								
o-Xylene	ug/Kg	5.6	U	1.1						< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
p-Isopropyltoluene	ug/Kg	5.6	U	0.56														< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56								
sec-Butylbenzene	ug/Kg	5.6	U	0.56														< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56								
Styrene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
tert-Butylbenzene	ug/Kg	5.6	U	0.56														< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56								
Tetrachloroethene	ug/Kg	5.6	U	1.1						< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
Tetrahydrofuran (THF)	ug/Kg	11	U	2.8														< 11	11	U	2.8	< 11	11	U	2.7	< 11	11	U	2.7	< 11	11	U	2.8				
Toluene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Total Xylenes	ug/Kg									< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67																
trans-1,2-Dichloroethene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
trans-1,3-Dichloropropene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
trans-1,4-dichloro-2-butene	ug/Kg	11	U	2.8														< 11	11	U	2.8	< 11	11	U	2.7	< 11	11	U	2.7	< 11	11	U	2.8				
Trichloroethene	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Trichlorofluoromethane	ug/Kg	5.6	U	1.1						< 5.2	5.2	U	1.0					< 3.3	3.3	U	0.67	< 5.6	5.6	U	1.1	< 5.4	5.4	U	1.1	< 5.6	5.6	U	1.1				
Trichlorotrifluoroethane	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
Vinyl chloride	ug/Kg	5.6	U	0.56						< 5.2	5.2	U	0.52					< 3.3	3.3	U	0.33	< 5.6	5.6	U	0.56	< 5.4	5.4	U	0.54	< 5.6	5.6	U	0.56				
1,1,1,2-Tetrachloroethane	ug/Kg									< 21	21	U	1.0					< 13	13	U	0.67																
Acrolein	ug/Kg	22	U	2.8						< 21	21	U	2.6					< 13	13	U	1.7	< 23	23	U	2.8	< 22	22	U	2.7	< 22	22	U	2.8				
Acrylonitrile	ug/Kg	22	U	0.56						< 21	21	U	0.52					< 13	13	U	0.33	< 23	23	U	0.56	< 11	11	U	0.54	< 22	22	U	0.56				
Tert-butyl alcohol	ug/Kg	110	U	22						< 100	100	U	21					< 67	67	U	13	< 110	110	U	23	< 110	110	U	22	< 110	110	U	22				
Semivolatiles By SW8270D																																					
1,1-Biphenyl	ug/Kg				< 250	250	U	110						< 250	250	U	110																< 270	270	U		
1,2,4,5-Tetrachlorobenzene	ug/Kg				< 250	250	U	120						< 250	250	U	130																< 270	270	U		
1,2,4-Trichlorobenzene	ug/Kg																																				
1,2-Dichlorobenzene	ug/Kg																																				
1,2-Diphenylhydrazine	ug/Kg				< 350	350	U	350						< 360	360	U	360																< 380	380	U		
1,3-Dichlorobenzene	ug/Kg																																				
1,4-Dichlorobenzene	ug/Kg																																				
2,3,4,6-tetrachlorophenol	ug/Kg				< 250	250	U	160						< 250	250	U	170																< 270	270	U		
2,4,5-Trichlorophenol	ug/Kg				< 250	250																															

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		L GRAB 0-7 FT				K CLEAN COMP 7-11 FT				K-CLEAN GRAB 7-11 FT				K-CLEAN COMP 11-15 FT				K CLEAN GRAB 11-15 FT				LB1/B3 FILL GRAB 0-7 FT				LB 2 FILL GRAB 0-7 FT				LB2 FILL 0-10 FT				LB2 CLEAN 10-15					
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016					
LAB SAMPLE ID		BK75424				BK75394				BK75395				BK75396				BK75397				BK75425				BK75426				BK75387				BK75402					
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL			
Benzo(a)pyrene	ug/Kg				430	140		110					160	140		120																	< 150	150	U				
Benzo(b)fluoranthene	ug/Kg				310	250		120					< 250	250	U	120													< 380	380	U	130	< 270	270	U				
Benzo(ghi)perylene	ug/Kg				270	250		110					240	250	J	120													< 380	380	U	120	< 270	270	U				
Benzo(k)fluoranthene	ug/Kg				230	250	J	120					< 250	250	U	120													< 380	380	U	130	< 270	270	U				
Benzoic acid	ug/Kg																																						
Benzyl Alcohol	ug/Kg				< 350	350	U	350					< 360	360	U	360																	< 380	380	U				
Benzyl butyl phthalate	ug/Kg				< 250	250	U	91					< 250	250	U	92																	< 270	270	U				
Bis(2-chloroethoxy)methane	ug/Kg				< 250	250	U	97					< 250	250	U	98																	< 270	270	U				
Bis(2-chloroethyl)ether	ug/Kg				< 140	140	U	95					< 140	140	U	96																	< 150	150	U				
Bis(2-chloroisopropyl)ether	ug/Kg				< 250	250	U	98					< 250	250	U	99																	< 270	270	U				
Bis(2-ethylhexyl)phthalate	ug/Kg				< 250	250	U	100					< 250	250	U	100																	< 270	270	U				
Caprolactam	ug/Kg				< 250	250	U	250					< 250	250	U	250																	< 270	270	U				
Carbazole	ug/Kg				< 1800	1,800	U	270					< 1800	1,800	U	270																	< 1900	1,900	U				
Chrysene	ug/Kg				< 250	250	U	120					< 250	250	U	120										170	380	J	130					< 270	270	U			
Dibenz(a,h)anthracene	ug/Kg				< 140	140	U	110					< 140	140	U	120										< 330	330	U	120					< 150	150	U			
Dibenzofuran	ug/Kg				< 250	250	U	100					< 250	250	U	100																	< 270	270	U				
Diethyl phthalate	ug/Kg				< 250	250	U	110					< 250	250	U	110																	< 270	270	U				
Dimethylphthalate	ug/Kg				< 250	250	U	110					< 250	250	U	110																	< 270	270	U				
Di-n-butylphthalate	ug/Kg				< 250	250	U	94					< 250	250	U	95																	< 270	270	U				
Di-n-octylphthalate	ug/Kg				< 250	250	U	91					< 250	250	U	92																	< 270	270	U				
Fluoranthene	ug/Kg				< 250	250	U	110					< 250	250	U	120										330	380	J	120					< 270	270	U			
Fluorene	ug/Kg				< 250	250	U	120					< 250	250	U	120										< 380	380	U	130					< 270	270	U			
Hexachlorobenzene	ug/Kg				< 140	140	U	100					< 140	140	U	100																	< 150	150	U				
Hexachlorobutadiene	ug/Kg				< 250	250	U	130					< 250	250	U	130																	< 270	270	U				
Hexachlorocyclopentadiene	ug/Kg				< 250	250	U	110					< 250	250	U	110																	< 270	270	U				
Hexachloroethane	ug/Kg				< 140	140	U	110					< 140	140	U	110																	< 150	150	U				
Indeno(1,2,3-cd)pyrene	ug/Kg				370	250		120					280	250		120													< 380	380	U	130	< 270	270	U				
Isophorone	ug/Kg				< 140	140	U	99					< 140	140	U	100																	< 150	150	U				
Naphthalene	ug/Kg				< 250	250	U	100					< 250	250	U	100													< 380	380	U	110	< 270	270	U				
Nitrobenzene	ug/Kg				< 140	140	U	120					< 140	140	U	120																	< 150	150	U				
N-Nitrosodimethylamine	ug/Kg				< 250	250	U	99					< 250	250	U	100																	< 270	270	U				
N-Nitrosodi-n-propylamine	ug/Kg				< 140	140	U	110					< 140	140	U	120																	< 150	150	U				
N-Nitrosodiphenylamine	ug/Kg				< 140	140	U	140					< 140	140	U	140																	< 150	150	U				
Pentachloronitrobenzene	ug/Kg																																						
Pentachlorophenol	ug/Kg				< 250	250	U	130					< 250	250	U	130																	< 270	270	U				
Phenanthrene	ug/Kg				< 140	140	U	100					< 140	140	U	100											340	380	J	110				< 150	150	U			
Phenol	ug/Kg				< 250	250	U	110					< 250	250	U	110																	< 270	270	U				
Pyrene	ug/Kg				< 250	250	U	120					< 250	250	U	120																	300	380	J	130	< 270	270	U
Pyridine	ug/Kg																																						
Pesticides - Soil By SW8081B																																							
4,4'-DDD	ug/Kg				< 2.1	2.1	U	2.1					< 2.2	2.2	U	2.2																	< 2.4	2.4	U				
4,4'-DDE	ug/Kg				< 2.1	2.1	U	2.1					< 2.2	2.2	U	2.2																	< 2.4	2.4	U				
4,4'-DDT	ug/Kg				< 2.1	2.1	U	2.1					< 2.2	2.2	U	2.2																	< 2.4	2.4	U				
α-BHC	ug/Kg				< 7.1	7.1	U	7.1					< 7.2	7.2	U	7.2																	< 7.8	7.8	U				
α-Chlordane	ug/Kg				< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6																	< 3.9	3.9	U				
Aldrin	ug/Kg				< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6																	< 3.9	3.9	U				
β-BHC	ug/Kg				< 7.1	7.1	U	7.1					< 7.2	7.2	U	7.2																	< 7.8	7.8	U				
Chlordane	ug/Kg				< 36	36	U	36					< 36	36	U	36																	< 39	39	U				
δ-BHC	ug/Kg				< 7.1	7.1	U	7.1					< 7.2	7.2	U	7.2																							

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		FT	LB2 CLEAN GRAB 10-15 FT				LBVB3 FILL COMP 0-7				LBVB3 CLEAN COMP 7-11 FT				LBVB3 CLEAN GRAB 7-11 FT				LBVB3 CLEAN COMP 11-15 FT				LBVB3 CLEAN COMP 7-11 FTLBVB3 CLEAN GRAB 11-15 FT				
SAMPLING DATE			3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID			BK75403				BK75386				BK75398				BK75399				BK75400				BK75401				
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Miscellaneous/Inorganics																											
Percent Solid	%		86				86				91				90				91				90				
Corrosivity	Pos/Neg						Negative				Negative								Negative								
Flash Point	Degree F						>200 200 U				>200 200 U								>200 200 U								
Chromium, Hexavalent	mg/Kg																										
Ignitability	degree F						Passed 140 U				Passed 140 U								Passed 140 U								
pH - Soil	pH Units						9.84 0.10				7.49 0.10								7.61 0.10								
Pyridine	ug/Kg																										
Reactivity Cyanide	mg/Kg	0.29									< 5.2 5.2 U 0.26								< 5.4 5.4 U 0.27								
Reactivity Sulfide	mg/Kg						< 5.4 5.4 U 0.27				< 20 20 U								< 20 20 U								
Reactivity	Pos/Neg						< 20 20 U				Negative				U				Negative				U				
Redox Potential	mV						Negative				U																
Metals, Total																											
Aluminum	mg/Kg	8.1					10,300 57 7.6				6,420 33 6.6								7,550 34 6.8								
Antimony	mg/Kg	2.0					< 3.8 3.8 U 1.9				< 1.7 1.7 U 1.7								< 1.7 1.7 U 1.7								
Arsenic	mg/Kg	0.81					6.1 0.8 0.76				1.9 0.7 0.66								2.3 0.7 0.68								
Barium	mg/Kg	0.40					323 0.38 0.38				46.8 0.7 0.33								45.3 0.7 0.34								
Beryllium	mg/Kg	0.16					0.41 0.31 0.15				0.42 0.26 0.13								0.4 0.27 0.14								
Cadmium	mg/Kg	0.16					0.38 0.38 0.15				0.18 0.33 B 0.13								< 0.34 0.34 U 0.14								
Calcium	mg/Kg	3.7					27,400 57 35				3,360 3.3 3.0								1,990 3.4 3.1								
Chromium	mg/Kg	0.40					23.6 0.38 0.38				15.9 0.33 0.33								17.3 0.34 0.34								
Cobalt	mg/Kg	0.40					6.16 0.38 0.38				6.79 0.33 0.33								6.5 0.34 0.34								
Copper	mg/Kg	0.40					30.1 0.38 0.38				13.7 0.33 0.33								12.4 0.34 0.34								
Iron	mg/Kg	40					20,800 57 38				18,600 33 33								18,300 34 34								
Lead	mg/Kg	0.40					285 0.38 0.38				6.3 0.7 0.33								5.6 0.7 0.34								
Magnesium	mg/Kg	4.0					4,470 5.7 3.8				2,430 3.3 3.3								2,110 3.4 3.4								
Manganese	mg/Kg	4.0					391 3.8 3.8				419 3.3 3.3								418 3.4 3.4								
Mercury	mg/Kg	0.02					0.36 0.03 0.02				< 0.03 0.03 U 0.02								< 0.03 0.03 U 0.02								
Molybdenum	mg/Kg																										
Nickel	mg/Kg	0.40					14.8 0.38 0.38				11.9 0.33 0.33								11.1 0.34 0.34								
Potassium	mg/Kg	3.1					885 5.7 3.0				927 7 2.6								905 7 2.6								
Selenium	mg/Kg	1.4					< 1.5 1.5 U 1.3				< 1.3 1.3 U 1.1								< 1.4 1.4 U 1.2								
Silver	mg/Kg	0.40					< 0.38 0.38 U 0.38				< 0.33 0.33 U 0.33								< 0.34 0.34 U 0.34								
Sodium	mg/Kg	3.5					683 5.7 3.3				91 7 2.8								87 7 2.9								
Thallium	mg/Kg	1.6					< 3.4 3.4 U 1.5				< 1.3 1.3 U 1.3								< 1.4 1.4 U 1.4								
Vanadium	mg/Kg	0.40					24.2 0.38 0.38				30.4 0.3 0.33								27.5 0.3 0.34								
Zinc	mg/Kg	0.40					220 3.8 3.8				42.1 0.7 0.33								26.5 0.7 0.34								
Metals, TCLP																											
TCLP Aluminum	mg/L						3.6 1.0 0.050																				
TCLP Antimony	mg/L						< 0.060 0.060 U 0.050																				
TCLP Arsenic	mg/L	0.040					< 0.10 0.10 U 0.040				< 0.10 0.10 U 0.040								< 0.10 0.10 U 0.040								
TCLP Barium	mg/L	0.010					0.42 0.10 0.010				0.42 0.10 0.010								0.57 0.10 0.010								
TCLP Beryllium	mg/L						< 0.040 0.040 U 0.010																				
TCLP Cadmium	mg/L	0.0050					0.006 0.050 B 0.0050				< 0.050 0.050 U 0.0050								< 0.050 0.050 U 0.0050								
TCLP Calcium	mg/L						1,260 0.10 0.10																				
TCLP Chromium	mg/L	0.010					0.02 0.10 B 0.010				< 0.10 0.10 U 0.010								< 0.10 0.10 U 0.010								
TCLP Cobalt	mg/L						0 1.0 B 0.010																				
TCLP Copper	mg/L						0.02 0.10 B 0.010																				
TCLP Iron	mg/L						0.17 0.10 0.10																				
TCLP Lead	mg/L	0.010					1.17 0.10 0.010				< 0.10 0.10 U 0.010								< 0.10 0.10 U 0.010								
TCLP Magnesium	mg/L						67.6 0.10 0.10																				
TCLP Manganese	mg/L						1.63 0.10 0.010																				
TCLP Mercury	mg/L	0.0015					< 0.0002 0.0002 U 0.00015				< 0.0002 0.0002 U 0.00015								< 0.0002 0.0002 U 0.00015								
TCLP Nickel	mg/L						0.02 0.10 B 0.010																				
TCLP Selenium	mg/L	0.10					< 0.10 0.10 U 0.10				< 0.10 0.10 U 0.10								< 0.10 0.10 U 0.10								
TCLP Silver	mg/L	0.010					< 0.10 0.10 U 0.010				< 0.10 0.10 U 0.010								< 0.10 0.10 U 0.010								
TCLP Thallium	mg/L						< 0.050 0.050 U 0.20																				
TCLP Vanadium	mg/L						< 0.10 0.10 U 0.010																				
TCLP Zinc	mg/L						1.79 0.10 0.011																				
TPH By SW8015D DRO																											
Diesel Range Organics (C10-C28)	mg/Kg						< 58 58 U 58																				
SVOA TICS																											
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg										27,000 4 JNA																
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																		150,000 4 JNA								

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		FT	LB2 CLEAN GRAB 10-15 FT				LBVB3 FILL COMP 0-7				LBVB3 CLEAN COMP 7-11 FT				LBVB3 CLEAN GRAB 7-11 FT				LBVB3 CLEAN COMP 11-15 FT				LBVB3 CLEAN COMP 7-11 FT				LBVB3 CLEAN GRAB 11-15 FT			
SAMPLING DATE			3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID			BK75403				BK75386				BK75398				BK75399				BK75400				BK75401							
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																													
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																													
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																													
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																													
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																													
Hexadecanoic acid (RT 6.690)	ug/Kg																													
Tetradecanoic acid (RT 6.700)	ug/Kg																													
Unknown (RT 9.500)	ug/Kg																													
Unknown (RT 1.520)	ug/Kg																													
Unknown (RT 1.740)	ug/Kg																													
Unknown (RT 3.330)	ug/Kg																													
Unknown (RT 8.150)	ug/Kg																													
Unknown (RT 1.300)	ug/Kg																		1,600	4	JN									
Unknown (RT 1.530)	ug/Kg																													
Unknown (RT 7.490)	ug/Kg										300	4	JN																	
Unknown (RT 8.010)	ug/Kg										990	4	JN						880	4	JN									
Unknown (RT 1.460)	ug/Kg																													
Unknown (RT 1.480)	ug/Kg																													
Unknown (RT 1.520)	ug/Kg																													
Unknown (RT 7.930)	ug/Kg																													
VOA TICS																														
unknown (RT 3.338)	ug/Kg																													
unknown (RT 4.023)	ug/Kg																													
PCBs By SW8082A																														
PCB-1016	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1221	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1232	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1242	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1248	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1254	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1260	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1262	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
PCB-1268	ug/Kg	39					< 38	38	U	38		< 36	36	U	36				< 36	36	U	36								
Volatiles By SW8260C																														
1,1,1,2-Tetrachloroethane	ug/Kg						< 5.7	5.7	U	1.1																				
1,1,1-Trichloroethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,1,2,2-Tetrachloroethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,1,2-Trichloroethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,1-Dichloroethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,1-Dichloroethene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,1-Dichloropropene	ug/Kg						< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,2,3-Trichlorobenzene	ug/Kg						< 5.7	5.7	U	1.1	< 5.5	5.5	U	1.1																
1,2,3-Trichloropropane	ug/Kg						< 5.7	5.7	U	0.57																				
1,2,4-Trichlorobenzene	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,2,4-Trimethylbenzene	ug/Kg						< 5.7	5.7	U	0.57																				
1,2-Dibromo-3-chloropropane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,2-Dibromoethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,2-Dichlorobenzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,2-Dichloroethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,2-Dichloropropane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
1,3,5-Trimethylbenzene	ug/Kg						< 5.7	5.7	U	0.57																				
1,3-Dichlorobenzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
1,3-Dichloropropane	ug/Kg						< 5.7	5.7	U	1.1																				
1,4-Dichlorobenzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
2,2-Dichloropropane	ug/Kg						< 5.7	5.7	U	0.57																				
2-Chlorotoluene	ug/Kg						< 5.7	5.7	U	1.1																				
2-Hexanone	ug/Kg		< 28	28	U	5.6	< 28	28	U	5.7					< 28	28	U	5.6					< 28	28	U	5.5				
2-Isopropyltoluene	ug/Kg						< 5.7	5.7	U	0.57																				
4-Chlorotoluene	ug/Kg						< 5.7	5.7	U	0.57																				
4-Methyl-2-pentanone	ug/Kg		< 28	28	U	5.6	< 28	28	U	5.7					< 28	28	U	5.6					< 28	28	U	5.5				
Acetone	ug/Kg		6.7	50	JS	5.6	23	50	JS	5.7					6.3	50	JS	5.6					6.4	50	JS	5.5				
Benzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
Bromobenzene	ug/Kg						< 5.7	5.7	U	0.57																				
Bromochloromethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55				
Bromodichloromethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1				
Bromoform	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1												

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		FT	LB2 CLEAN GRAB 10-15 FT				LBVB3 FILL COMP 0-7				LBVB3 CLEAN COMP 7-11 FT				LBVB3 CLEAN GRAB 7-11 FT				LBVB3 CLEAN COMP 11-15 FT				LBVB3 CLEAN COMP 7-11 FTLBVB3 CLEAN GRAB 11-15 F			
SAMPLING DATE			3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID			BK75403				BK75386				BK75398				BK75399				BK75400				BK75401			
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg		< 5.6	5.6	U	1.1									< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Dibromochloromethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Dibromomethane	ug/Kg						< 5.7	5.7	U	1.1																
Dichlorodifluoromethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
Ethylbenzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
Hexachlorobutadiene	ug/Kg						< 5.7	5.7	U	0.57																
Isopropylbenzene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
m&p-Xylene	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Methyl Ethyl Ketone	ug/Kg		< 34	34	U	5.6	< 34	34	U	5.7					< 33	33	U	5.6					< 33	33	U	5.5
Methyl t-butyl ether (MTBE)	ug/Kg		< 11	11	U	1.1	< 11	11	U	1.1					< 11	11	U	1.1					< 11	11	U	1.1
Methylacetate	ug/Kg		< 5.6	5.6	U	2.8									< 5.6	5.6	U	2.8					< 5.5	5.5	U	2.8
Methylcyclohexane	ug/Kg		< 5.6	5.6	U	1.1									< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Methylene chloride	ug/Kg		< 5.6	5.6	U	5.6	< 5.7	5.7	U	5.7					< 5.6	5.6	U	5.6					< 5.5	5.5	U	5.5
Naphthalene	ug/Kg						< 5.7	5.7	U	1.1																
n-Butylbenzene	ug/Kg						< 5.7	5.7	U	0.57																
n-Propylbenzene	ug/Kg						< 5.7	5.7	U	1.0																
o-Xylene	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
p-Isopropyltoluene	ug/Kg						< 5.7	5.7	U	0.57																
sec-Butylbenzene	ug/Kg						< 5.7	5.7	U	0.57																
Styrene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
tert-Butylbenzene	ug/Kg						< 5.7	5.7	U	0.57																
Tetrachloroethene	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Tetrahydrofuran (THF)	ug/Kg						< 11	11	U	2.8																
Toluene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
Total Xylenes	ug/Kg		< 5.6	5.6	U	1.1									< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
trans-1,2-Dichloroethene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
trans-1,3-Dichloropropene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
trans-1,4-dichloro-2-butene	ug/Kg						< 11	11	U	2.8																
Trichloroethene	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
Trichlorofluoromethane	ug/Kg		< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.6	5.6	U	1.1					< 5.5	5.5	U	1.1
Trichlorotrifluoroethane	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
Vinyl chloride	ug/Kg		< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.6	5.6	U	0.56					< 5.5	5.5	U	0.55
1,1,1,2-Tetrachloroethane	ug/Kg		< 23	23	U	1.1									< 22	22	U	1.1					< 22	22	U	1.1
Acrolein	ug/Kg		< 23	23	U	2.8	< 23	23	U	2.8					< 22	22	U	2.8					< 22	22	U	2.8
Acrylonitrile	ug/Kg		< 23	23	U	0.56	< 11	11	U	0.57					< 22	22	U	0.56					< 22	22	U	0.55
Tert-butyl alcohol	ug/Kg		< 110	110	U	23	< 110	110	U	23					< 110	110	U	22					< 110	110	U	22
Semivolatiles By SW8270D																										
1,1-Biphenyl	ug/Kg	120									< 250	250	U	110					< 260	260	U	110				
1,2,4,5-Tetrachlorobenzene	ug/Kg	130									< 250	250	U	130					< 260	260	U	130				
1,2,4-Trichlorobenzene	ug/Kg																									
1,2-Dichlorobenzene	ug/Kg																									
1,2-Diphenylhydrazine	ug/Kg	380									< 360	360	U	360					< 370	370	U	370				
1,3-Dichlorobenzene	ug/Kg																									
1,4-Dichlorobenzene	ug/Kg																									
2,3,4,6-tetrachlorophenol	ug/Kg	180									< 250	250	U	170					< 260	260	U	170				
2,4,5-Trichlorophenol	ug/Kg	210									< 250	250	U	200					< 260	260	U	200				
2,4,6-Trichlorophenol	ug/Kg	120									< 140	140	U	120					< 150	150	U	120				
2,4-Dichlorophenol	ug/Kg	130									< 140	140	U	130					< 150	150	U	130				
2,4-Dimethylphenol	ug/Kg	94									< 250	250	U	89					< 260	260	U	91				
2,4-Dinitrophenol	ug/Kg	270									< 250	250	U	250					< 260	260	U	260				
2,4-Dinitrotoluene	ug/Kg	150									< 140	140	U	140					< 150	150	U	140				
2,6-Dinitrotoluene	ug/Kg	120									< 140	140	U	110					< 150	150	U	120				
2-Chloronaphthalene	ug/Kg	110									< 250	250	U	100					< 260	260	U	100				
2-Chlorophenol	ug/Kg	110									< 250	250	U	100					< 260	260	U	100				
2-Methylnaphthalene	ug/Kg	110					760	380		110	< 250	250	U	110					< 260	260	U	110				
2-Methylphenol (o-cresol)	ug/Kg	180									< 250	250	U	170					< 260	260	U	170				
2-Nitroaniline	ug/Kg	380									< 1800	1,800	U	360					< 1800	1,800	U	370				
2-Nitrophenol	ug/Kg	240									< 250	250	U	230					< 260	260	U	230				
3&4-Methylphenol (m&p-cresol)	ug/Kg	150									< 250	250	U	140					< 260	260	U	140				
3,3'-Dichlorobenzidine	ug/Kg	150									< 140	140	U	140					< 150	150	U	150				
3-Nitroaniline	ug/Kg	830									< 1800	1,800	U	780	</											

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		FT	LB2 CLEAN GRAB 10-15 FT					LBVB3 FILL COMP 0-7					LBVB3 CLEAN COMP 7-11 FT					LBVB3 CLEAN GRAB 7-11 FT					LBVB3 CLEAN COMP 11-15 FT					LBVB3 CLEAN COMP 7-11 FT					LBVB3 CLEAN GRAB 11-15 FT				
SAMPLING DATE			3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016				
LAB SAMPLE ID			BK75403					BK75386					BK75398					BK75399					BK75400					BK75401									
	Units	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL							
Benzo(a)pyrene	ug/Kg	120					1,900	380		120	< 140	140	U	120					< 150	150	U	120															
Benzo(b)fluoranthene	ug/Kg	130					1,900	380		130	< 250	250	U	120					< 260	260	U	130															
Benzo(ghi)perylene	ug/Kg	120					1,000	380		120	170	250	J	120					130	260	J	120															
Benzo(k)fluoranthene	ug/Kg	130					1,500	380		130	< 250	250	U	120					< 260	260	U	120															
Benzoic acid	ug/Kg																																				
Benzyl Alcohol	ug/Kg	380									< 360	360	U	360					< 370	370	U	370															
Benzyl butyl phthalate	ug/Kg	98									< 250	250	U	93					< 260	260	U	94															
Bis(2-chloroethoxy)methane	ug/Kg	110									< 250	250	U	99					< 260	260	U	100															
Bis(2-chloroethyl)ether	ug/Kg	100									< 140	140	U	97					< 150	150	U	99															
Bis(2-chloroisopropyl)ether	ug/Kg	110									< 250	250	U	100					< 260	260	U	100															
Bis(2-ethylhexyl)phthalate	ug/Kg	110									< 250	250	U	100					< 260	260	U	110															
Caprolactam	ug/Kg	270									< 250	250	U	250					< 260	260	U	260															
Carbazole	ug/Kg	290									< 1800	1,800	U	270					< 1800	1,800	U	280															
Chrysene	ug/Kg	130					3,000	380		130	< 250	250	U	120					< 260	260	U	120															
Dibenz(a,h)anthracene	ug/Kg	120					320	330	J	120	< 140	140	U	120					< 150	150	U	120															
Dibenzofuran	ug/Kg	110									< 250	250	U	110					< 260	260	U	110															
Diethyl phthalate	ug/Kg	120									< 250	250	U	110					< 260	260	U	120															
Dimethylphthalate	ug/Kg	120									< 250	250	U	110					< 260	260	U	110															
Di-n-butylphthalate	ug/Kg	100									< 250	250	U	96					< 260	260	U	97															
Di-n-octylphthalate	ug/Kg	98									< 250	250	U	93					< 260	260	U	94															
Fluoranthene	ug/Kg	120					6,200	380		120	< 250	250	U	120					< 260	260	U	120															
Fluorene	ug/Kg	130					1,000	380		130	< 250	250	U	120					< 260	260	U	120															
Hexachlorobenzene	ug/Kg	110									< 140	140	U	110					< 150	150	U	110															
Hexachlorobutadiene	ug/Kg	140									< 250	250	U	130					< 260	260	U	130															
Hexachlorocyclopentadiene	ug/Kg	120									< 250	250	U	110					< 260	260	U	110															
Hexachloroethane	ug/Kg	110									< 140	140	U	110					< 150	150	U	110															
Indeno(1,2,3-cd)pyrene	ug/Kg	130					1,200	380		130	200	250	J	120					140	260	J	120															
Isophorone	ug/Kg	110									< 140	140	U	100					< 150	150	U	100															
Naphthalene	ug/Kg	110					1,300	380		110	< 250	250	U	100					< 260	260	U	110															
Nitrobenzene	ug/Kg	130									< 140	140	U	130					< 150	150	U	130															
N-Nitrosodimethylamine	ug/Kg	110									< 250	250	U	100					< 260	260	U	100															
N-Nitrosodi-n-propylamine	ug/Kg	120									< 140	140	U	120					< 150	150	U	120															
N-Nitrosodiphenylamine	ug/Kg	150									< 140	140	U	140					< 150	150	U	140															
Pentachloronitrobenzene	ug/Kg																																				
Pentachlorophenol	ug/Kg	140									< 250	250	U	140					< 260	260	U	140															
Phenanthrene	ug/Kg	110					9,500	1,900	D	540	< 140	140	U	100					< 150	150	U	100															
Phenol	ug/Kg	120									< 250	250	U	120					< 260	260	U	120															
Pyrene	ug/Kg	130					5,100	380		130	< 250	250	U	120					< 260	260	U	130															
Pyridine	ug/Kg																																				
Pesticides - Soil By SW8081B																																					
4,4' -DDD	ug/Kg	2.4									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2															
4,4' -DDE	ug/Kg	2.4									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2															
4,4' -DDT	ug/Kg	2.4									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2															
a-BHC	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
a-Chlordane	ug/Kg	3.9									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6															
Aldrin	ug/Kg	3.9									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6															
b-BHC	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Chlordane	ug/Kg	39									< 36	36	U	36					< 36	36	U	36															
d-BHC	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Dieldrin	ug/Kg	3.9									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6															
Endosulfan I	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Endosulfan II	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Endosulfan sulfate	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Endrin	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Endrin aldehyde	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Endrin ketone	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
g-BHC	ug/Kg	1.6									< 1.5	1.5	U	1.5					< 1.5	1.5	U	1.5															
g-Chlordane	ug/Kg	3.9									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6															
Heptachlor	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Heptachlor epoxide	ug/Kg	7.8									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3															
Methoxychlor	ug/Kg	39									< 36	36	U	36					< 36	36	U	36															
Toxaphene	ug/Kg	160									< 150	150	U	150					< 150	150	U	150															
NJ EPH Category 1 (Fuel #2/Diesel) By NJEPH 10-08 R3																																					
ΣC28-C40	mg/kg	59									< 55	55	U	55					< 55	55	U	55															
C9-C28	mg/kg	59									< 55	55	U	55					< 55	55	U	55															
Total EPH	mg/kg	59									< 55	55	U	55					< 55	55	U	55															
Chlorinated Herbicides By SW8151A																																					
2,4,5-T	ug/Kg	49									< 45	45	U	45		</																					

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		M-FILL COMP 0-7 FT					M-FILL GRAB 0-7 FT					M CLEAN COMP 7-11 FT					M CLEAN GRAB 7-11 FT					M CLEAN COMP 11-15 FT					M CLEAN GRAB 11-15 FT					N-FILL COMP 0-7					N-FILL GRAB 0-7 FT					N CL
SAMPLING DATE		3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					
LAB SAMPLE ID		BK75388					BK75427					BK75625					BK75626					BK75627					BK75628					BK75389					BK75428					
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result								
Miscellaneous/Inorganics																																										
Percent Solid	%	86					84					89					91					89					90					89					90					93
Corrosivity	Pos/Neg	Negative					U					Negative					U					Negative					U					Negative					U					Negative
Flash Point	Degree F	>200 200					>200 200					>200 200					>200 200					>200 200					>200 200					>200 200					>200					
Chromium, Hexavalent	mg/Kg						0.55 0.45					0.45					< 0.45 0.45 U 0.45					< 0.45 0.45 U 0.45					< 0.45 0.45 U 0.45					< 0.45 0.45 U 0.45					< 0.43					
Ignitability	degree F	Passed 140 U					Passed 140 U					Passed 140 U					Passed 140 U					Passed 140 U					Passed 140 U					Passed 140 U					Passed					
pH - Soil	pH Units	9.61 0.10					7.64 0.10					7.18 0.10					7.18 0.10					11.09 0.10					11.09 0.10					11.09 0.10					8.64					
Pyridine	ug/Kg						< 370 370 U 370					< 370 370 U 370					< 370 370 U 370					< 370 370 U 370					< 370 370 U 370					< 370 370 U 370					< 350					
Reactivity Cyanide	mg/Kg						< 5.6 5.6 U 0.28					< 5.6 5.6 U 0.28					< 5.4 5.4 U 0.27					< 5.4 5.4 U 0.27					< 5.4 5.4 U 0.27					< 5.4 5.4 U 0.27					< 5.4					
Reactivity Sulfide	mg/Kg	< 5.6 5.6 U 0.28					< 20 20 U					< 20 20 U					< 20 20 U					< 20 20 U					< 20 20 U					< 5.5 5.5 U 0.27					< 20					
Reactivity	Pos/Neg	< 20 20 U					Negative					U					Negative					U					Negative					U					Negative					
Redox Potential	mV	Negative					U					190 1.0					190 1.0					180 1.0					180 1.0					Negative					U					200
Metals, Total																																										
Aluminum	mg/Kg	13,700 57 7.6					9,240 36 7.1					8,660 35 6.9					9,020 53 7.1					8,660 35 6.9					9,020 53 7.1					8,660 35 6.9					9,020 53 7.1					6,930
Antimony	mg/Kg	< 3.8 3.8 U 1.9					2.4 1.8 1.8					< 1.7 1.7 U 1.7					< 3.6 3.6 U 1.8					< 1.7 1.7 U 1.7					< 3.6 3.6 U 1.8					< 1.7 1.7 U 1.7					< 1.7					
Arsenic	mg/Kg	5.8 0.8 0.76					2.8 0.7 0.71					2.5 0.7 0.69					7 0.7 0.71					2.5 0.7 0.69					7 0.7 0.71					2.5 0.7 0.69					2.3					
Barium	mg/Kg	166 0.38 0.38					46.1 0.7 0.36					45.6 0.7 0.35					229 0.36 0.36					45.6 0.7 0.35					229 0.36 0.36					45.6 0.7 0.35					52.8					
Beryllium	mg/Kg	0.79 0.30 0.15					0.4 0.28 0.14					0.39 0.28 0.14					0.41 0.28 0.14					0.39 0.28 0.14					0.41 0.28 0.14					0.39 0.28 0.14					0.36					
Cadmium	mg/Kg	1.12 0.38 0.15					< 0.36 0.36 U 0.14					< 0.35 0.35 U 0.14					0.3 0.36 B 0.14					< 0.35 0.35 U 0.14					0.3 0.36 B 0.14					< 0.35 0.35 U 0.14					< 0.34					
Calcium	mg/Kg	20,100 57 35					763 3.6 3.3					896 3.5 3.2					33,400 53 33					896 3.5 3.2					33,400 53 33					896 3.5 3.2					1,200					
Chromium	mg/Kg	18.1 0.38 0.38					19.1 0.36 0.36					17.9 0.35 0.35					18.1 0.36 0.36					17.9 0.35 0.35					18.1 0.36 0.36					17.9 0.35 0.35					18.8					
Cobalt	mg/Kg	6.7 0.38 0.38					6.82 0.36 0.36					6.97 0.35 0.35					7.44 0.36 0.36					6.97 0.35 0.35					7.44 0.36 0.36					6.97 0.35 0.35					6.64					
Copper	mg/Kg	52.7 0.38 0.38					12 0.36 0.36					11 0.35 0.35					33.3 0.36 0.36					11 0.35 0.35					33.3 0.36 0.36					11 0.35 0.35					12.4					
Iron	mg/Kg	17,700 57 38					22,200 36 36					20,700 35 35					18,400 53 36					20,700 35 35					18,400 53 36					20,700 35 35					19,600					
Lead	mg/Kg	151 0.38 0.38					5.9 0.7 0.36					5.6 0.7 0.35					189 0.36 0.36					5.6 0.7 0.35					189 0.36 0.36					5.6 0.7 0.35					4.2					
Magnesium	mg/Kg	6,280 57 38					1,860 3.6 3.6					1,950 3.5 3.5					5,230 5.3 3.6					1,950 3.5 3.5					5,230 5.3 3.6					1,950 3.5 3.5										
Manganese	mg/Kg	1,180 3.8 3.8					451 3.6 3.6					661 3.5 3.5					353 3.6 3.6					661 3.5 3.5					353 3.6 3.6					661 3.5 3.5					632					
Mercury	mg/Kg	1.03 0.03 0.02					< 0.03 0.03 U 0.02					< 0.03 0.03 U 0.02					0.36 0.03 0.02					< 0.03 0.03 U 0.02					0.36 0.03 0.02					< 0.03 0.03 U 0.02					< 0.03					
Molybdenum	mg/Kg						< 0.36 0.36 U 0.36					< 0.35 0.35 U 0.35					< 0.35 0.35 U 0.35					< 0.35 0.35 U 0.35					< 0.35 0.35 U 0.35					< 0.35 0.35 U 0.35					< 0.34					
Nickel	mg/Kg	15.4 0.38 0.38					12.1 0.36 0.36					12.7 0.35 0.35					18.1 0.36 0.36					12.7 0.35 0.35					18.1 0.36 0.36					12.7 0.35 0.35					11.9					
Potassium	mg/Kg	1,260 5.7 2.9					863 7 2.8					1,090 7 2.7					1,490 5.3 2.8					1,090 7 2.7					1,490 5.3 2.8					1,090 7 2.7					941					
Selenium	mg/Kg	< 1.5 1.5 U 1.3					< 1.4 1.4 U 1.2					< 1.4 1.4 U 1.2					< 1.4 1.4 U 1.2					< 1.4 1.4 U 1.2					< 1.4 1.4 U 1.2					< 1.4 1.4 U 1.2					< 1.3					
Silver	mg/Kg	< 0.38 0.38 U 0.38					< 0.36 0.36 U 0.36					< 0.35 0.35 U 0.35					< 0.36 0.36 U 0.36					< 0.35 0.35 U 0.35					< 0.36 0.36 U 0.36					< 0.35 0.35 U 0.35					< 0.34					
Sodium	mg/Kg	1,090 5.7 3.2					501 7 3.1					388 7 3.0					943 5.3 3.1					388 7 3.0					943 5.3 3.1					388 7 3.0					246					
Thallium	mg/Kg	< 3.4 3.4 U 1.5					< 1.4 1.4 U 1.4					< 1.4 1.4 U 1.4					< 3.2 3.2 U 1.4					< 1.4 1.4 U 1.4					< 3.2 3.2 U 1.4					< 1.4 1.4 U 1.4					< 1.3					
Vanadium	mg/Kg	30.9 0.38 0.38					29 0.4 0.36					29.9 0.3 0.35					27.9 0.36 0.36					29.9 0.3 0.35					27.9 0.36 0.36					29.9 0.3 0.35					30.4					
Zinc	mg/Kg	423 3.8 3.8					30 0.7 0.36					28.1 0.7 0.35					131 0.36 0.36					28.1 0.7 0.35					131 0.36 0.36					28.1 0.7 0.35					22.5					
Metals, TCLP																																										
TCLP Aluminum	mg/L	0.2 1.0 B 0.050															< 1.0 1.0 U 0.050										< 1.0 1.0 U 0.050															
TCLP Antimony	mg/L	< 0.060 0.060 U 0.050															< 0.060 0.060 U 0.050										< 0.060 0.060 U 0.050															
TCLP Arsenic	mg/L	< 0.10 0.10 U 0.040					< 0.10 0.10 U 0.040					< 0.10 0.10 U 0.040					< 0.10 0.10 U 0.040					< 0.10 0.10 U 0.040					< 0.10 0.10 U 0.040					< 0.10										
TCLP Barium	mg/L	0.65 0.10 0.010					0.23 0.10 0.010					0.25 0.10 0.010					0.41 0.10 0.010					0.25 0.10 0.010					0.41 0.10 0.010					0.25 0.10 0.010					0.45					
TCLP Beryllium	mg/L	< 0.040 0.040 U 0.010										< 0.040 0.040 U 0.010										< 0.040 0.040 U 0.010										< 0.040 0.040 U 0.010										
TCLP Cadmium	mg/L	0.005 0.050 B 1.0050					< 0.050 0.050 U 1.0050					< 0.050 0.050 U 1.0050					< 0.050 0.050 U 1.0050					< 0.050 0.050 U 1.0050					< 0.050 0.050 U 1.0050					< 0.050										
TCLP Calcium	mg/L	230 0.10 0.10										794 0.10 0.10										794 0.10 0.10										794 0.10 0.10										
TCLP Chromium	mg/L	< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10										
TCLP Cobalt	mg/L	< 1.0 1.0 U 0.010										< 1.0 1.0 U 0.010										< 1.0 1.0 U 0.010										< 1.0 1.0 U 0.010										
TCLP Copper	mg/L	0.03 0.10 B 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										
TCLP Iron	mg/L	< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										< 0.10 0.10 U 0.10										
TCLP Lead	mg/L	0.34 0.10 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					0.15 0.10 0.010					< 0.10 0.10 U 0.010					0.15 0.10 0.010					< 0.10										
TCLP Magnesium	mg/L	7.85 0.10 0.10										18.5 0.10 0.10										18.5 0.10 0.10										18.5 0.10 0.10										
TCLP Manganese	mg/L	0.48 0.10 0.010										0.68 0.10 0.010										0.68 0.10 0.010										0.68 0.10 0.010										
TCLP Mercury	mg/L	< 0.0002 1.0002 U 00015					< 0.0002 1.0002 U 00015					< 0.0002 1.0002 U 00015					< 0.0002 1.0002 U 00015					< 0.0002 1.0002 U 00015					< 0.0002 1.0002 U 00015					< 0.0002										
TCLP Nickel	mg/L	0.02 0.10 B 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										
TCLP Selenium	mg/L	< 0.10 0.10 U 0.10					< 0.10 0.10 U 0.10					< 0.10 0.10 U 0.10					< 0.10 0.10 U 0.10					< 0.10 0.10 U 0.10					< 0.10 0.10 U 0.10					< 0.10										
TCLP Silver	mg/L	< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10 0.10 U 0.010					< 0.10										
TCLP Thallium	mg/L	< 0.050 0.050 U 0.20										< 0.050 0.050 U 0.20										< 0.050 0.050 U 0.20										< 0.050 0.050 U 0.20										
TCLP Vanadium	mg/L	< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										< 0.10 0.10 U 0.010										
TCLP Zinc	mg/L	2.83 0.10 0.011															0.07 0.10 B 0.011										0.07 0.10 B 0.011															
TPH By SW8015D DRO																																										
Diesel Range Organics (C10-C28)	mg/Kg	< 58 58 U 58																				170 56 56										170 56 56										
SVOA TICS																																										
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																																									98,000

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		M-FILL COMP 0-7 FT				M-FILL GRAB 0-7 FT				M CLEAN COMP 7-11 FT				M CLEAN GRAB 7-11 FT				M CLEAN COMP 11-15 FT				M CLEAN GRAB 11-15 FT				N-FILL COMP 0-7				N-FILL GRAB 0-7 FT				N CL
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID		BK75388				BK75427				BK75625				BK75626				BK75627				BK75628				BK75389				BK75428				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																																	
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																																	
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																																	
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																																	
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																																	
Hexadecanoic acid (RT 6.690)	ug/Kg																																	
Tetradecanoic acid (RT 6.700)	ug/Kg																																	
Unknown (RT 9.500)	ug/Kg																																	
Unknown (RT 1.520)	ug/Kg																																	
Unknown (RT 1.740)	ug/Kg																																	
Unknown (RT 3.330)	ug/Kg																																	
Unknown (RT 8.150)	ug/Kg																																	
Unknown (RT 1.300)	ug/Kg																																	
Unknown (RT 1.530)	ug/Kg																																	
Unknown (RT 7.490)	ug/Kg																																	
Unknown (RT 8.010)	ug/Kg																																	
Unknown (RT 1.460)	ug/Kg																	18,000	4	JN														
Unknown (RT 1.480)	ug/Kg									54,000	4	JN																						
Unknown (RT 1.520)	ug/Kg																																	
Unknown (RT 7.930)	ug/Kg									460	4	JN						340	4	JN												1,300		
VOA TICS																																		
unknown (RT 3.338)	ug/Kg																																	
unknown (RT 4.023)	ug/Kg																																	
PCBs By SW8082A																																		
PCB-1016	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1221	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1232	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1242	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1248	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1254	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1260	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1262	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
PCB-1268	ug/Kg	< 38	38	U	38					< 36	36	U	36					< 36	36	U	36					< 37	37	U	37				< 35	
Volatiles By SW8260C																																		
1,1,1,2-Tetrachloroethane	ug/Kg	< 5.6	5.6	U	1.1	< 23	23	U	1.1																< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,1,1-Trichloroethane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54	
1,1,2,2-Tetrachloroethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,1,2-Trichloroethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,1-Dichloroethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,1-Dichloroethene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,1-Dichloropropene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,2,3-Trichlorobenzene	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,2,3-Trichloropropane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,2,4-Trichlorobenzene	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,2,4-Trimethylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57									< 5.1	5.1	U	1.0				< 5.7	5.7	U	0.57	0.61	5.4	J	0.54		
1,2-Dibromo-3-chloropropane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0				< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1		
1,2-Dibromoethane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,2-Dichlorobenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,2-Dichloroethane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50				< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54		
1,2-Dichloropropane	ug/Kg	< 5.6	5.6	U	1																													

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		M-FILL COMP 0-7 FT					M-FILL GRAB 0-7 FT					M CLEAN COMP 7-11 FT					M CLEAN GRAB 7-11 FT					M CLEAN COMP 11-15 FT					M CLEAN GRAB 11-15 FT					N-FILL COMP 0-7					N-FILL GRAB 0-7 FT					N CLI
SAMPLING DATE		3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					3/4/2016					
LAB SAMPLE ID		BK75388					BK75427					BK75625					BK75626					BK75627					BK75628					BK75389					BK75428					
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result								
Cyclohexane	ug/Kg													< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0					< 5.7	5.7	U	1.1									
Dibromochloromethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1									
Dibromomethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1									
Dichlorodifluoromethane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
Ethylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
Hexachlorobutadiene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57													< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
Isopropylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
m&p-Xylene	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	2.2	5.7	J	1.1	< 5.4	5.4	U	1.1									
Methyl Ethyl Ketone	ug/Kg	< 34	34	U	5.6	< 34	34	U	5.7					< 30	30	U	5.0					< 31	31	U	5.1	< 34	34	U	5.7	< 32	32	U	5.4									
Methyl t-butyl ether (MTBE)	ug/Kg	< 11	11	U	1.1	< 11	11	U	1.1					< 10	10	U	1.0					< 10	10	U	1.0	< 11	11	U	1.1	< 11	11	U	1.1									
Methylacetate	ug/Kg													< 5.0	5.0	U	2.5					< 5.1	5.1	U	2.6																	
Methylcyclohexane	ug/Kg													< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0																	
Methylene chloride	ug/Kg	< 5.6	5.6	U	5.6	< 5.7	5.7	U	5.7					< 5.0	5.0	U	5.0					< 5.1	5.1	U	5.1	< 5.7	5.7	U	5.7	< 5.4	5.4	U	5.4									
Naphthalene	ug/Kg	2.2	5.6	J	1.1	1.3	5.7	J	1.1																	75	280	J	56	430	290	58										
n-Butylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57													< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.57	< 5.4	5.4	U	0.54									
n-Propylbenzene	ug/Kg	< 5.6	5.6	U	1.0	< 5.7	5.7	U	1.0													< 5.7	5.7	U	1.0	< 5.4	5.4	U	1.0	< 5.4	5.4	U	0.97									
o-Xylene	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	1.2	5.7	J	1.1	< 5.4	5.4	U	1.1									
p-Isopropyltoluene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57													< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.57	< 5.4	5.4	U	0.54									
sec-Butylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57													< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.57	< 5.4	5.4	U	0.54									
Styrene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
tert-Butylbenzene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57													< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.57	< 5.4	5.4	U	0.54									
Tetrachloroethene	ug/Kg	1.3	5.6	J	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1									
Tetrahydrofuran (THF)	ug/Kg	< 11	11	U	2.8	< 11	11	U	2.8													< 11	11	U	2.9	< 11	11	U	2.9	< 11	11	U	2.7									
Toluene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	140	280	J	28	< 5.4	5.4	U	0.54									
Total Xylenes	ug/Kg													< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0																	
trans-1,2-Dichloroethene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
trans-1,3-Dichloropropene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
trans-1,4-dichloro-2-butene	ug/Kg	< 11	11	U	2.8	< 11	11	U	2.8													< 11	11	U	2.9	< 11	11	U	2.9	< 11	11	U	2.7									
Trichloroethene	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
Trichlorofluoromethane	ug/Kg	< 5.6	5.6	U	1.1	< 5.7	5.7	U	1.1					< 5.0	5.0	U	1.0					< 5.1	5.1	U	1.0	< 5.7	5.7	U	1.1	< 5.4	5.4	U	1.1									
Trichlorotrifluoroethane	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
Vinyl chloride	ug/Kg	< 5.6	5.6	U	0.56	< 5.7	5.7	U	0.57					< 5.0	5.0	U	0.50					< 5.1	5.1	U	0.51	< 5.7	5.7	U	0.57	< 5.4	5.4	U	0.54									
1,1,1,2-Tetrachloroethane	ug/Kg													< 20	20	U	1.0					< 20	20	U	1.0																	
Acrolein	ug/Kg	< 23	23	U	2.8	< 23	23	U	2.8					< 20	20	U	2.5					< 20	20	U	2.6	< 23	23	U	2.9	< 22	22	U	2.7									
Acrylonitrile	ug/Kg	< 11	11	U	0.56	< 23	23	U	0.57					< 20	20	U	0.50					< 20	20	U	0.51	< 11	11	U	0.57	< 11	11	U	0.54									
Tert-butyl alcohol	ug/Kg	< 110	110	U	23	< 110	110	U	23					< 100	100	U	20					< 100	100	U	20	< 110	110	U	23	< 110	110	U	22									
Semivolatiles By SW8270D																																										
1,1-Biphenyl	ug/Kg									< 260	260	U	110					< 260	260	U	110													< 250								
1,2,4,5-Tetrachlorobenzene	ug/Kg									< 260	260	U	130					< 260	260	U	130													< 250								
1,2,4-Trichlorobenzene	ug/Kg																																									
1,2-Dichlorobenzene	ug/Kg																																									
1,2-Diphenylhydrazine	ug/Kg																																									
1,3-Dichlorobenzene	ug/Kg																																									
1,4-Dichlorobenzene	ug/Kg																																									

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		M-FILL COMP 0-7 FT				M-FILL GRAB 0-7 FT				M CLEAN COMP 7-11 FT				M CLEAN GRAB 7-11 FT				M CLEAN COMP 11-15 FT				M CLEAN GRAB 11-15 FT				N-FILL COMP 0-7				N-FILL GRAB 0-7 FT				N CLI
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				
LAB SAMPLE ID		BK75388				BK75427				BK75625				BK75626				BK75627				BK75628				BK75389				BK75428				
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Benzo(a)pyrene	ug/Kg	2,200	380		120					< 150	150	U	120					< 150	150	U	120					2,100	370		120				< 140	
Benzo(b)fluoranthene	ug/Kg	1,900	380		130					< 260	260	U	130					< 260	260	U	130					1,900	370		130				< 250	
Benzo(ghi)perylene	ug/Kg	1,200	380		120					< 260	260	U	120					< 260	260	U	120					1,400	370		120				< 250	
Benzo(k)fluoranthene	ug/Kg	1,700	380		130					< 260	260	U	120					< 260	260	U	120					1,700	370		120				< 250	
Benzoic acid	ug/Kg																																	
Benzyl Alcohol	ug/Kg																																	
Benzyl butyl phthalate	ug/Kg									< 260	260	U	95					< 260	260	U	96												< 250	
Bis(2-chloroethoxy)methane	ug/Kg									< 260	260	U	100					< 260	260	U	100												< 250	
Bis(2-chloroethyl)ether	ug/Kg									< 150	150	U	99					< 150	150	U	100												< 140	
Bis(2-chloroisopropyl)ether	ug/Kg									< 260	260	U	100					< 260	260	U	100												< 250	
Bis(2-ethylhexyl)phthalate	ug/Kg									< 260	260	U	110					< 260	260	U	110												< 250	
Caprolactam	ug/Kg									< 260	260	U	260					< 260	260	U	260												< 250	
Carbazole	ug/Kg									< 1800	1,800	U	280					< 1900	1,900	U	280												< 1800	
Chrysene	ug/Kg	2,300	380		130					< 260	260	U	120					< 260	260	U	130					2,600	370		130				< 250	
Dibenz(a,h)anthracene	ug/Kg	350	380		J 120					< 150	150	U	120					< 150	150	U	120					310	330		J 120				< 140	
Dibenzofuran	ug/Kg									< 260	260	U	110					< 260	260	U	110												< 250	
Diethyl phthalate	ug/Kg									< 260	260	U	120					< 260	260	U	120												< 250	
Dimethylphthalate	ug/Kg									< 260	260	U	110					< 260	260	U	120												< 250	
Di-n-butylphthalate	ug/Kg									< 260	260	U	98					< 260	260	U	99												< 250	
Di-n-octylphthalate	ug/Kg									< 260	260	U	95					< 260	260	U	96												< 250	
Fluoranthene	ug/Kg	3,800	380		120					< 260	260	U	120					< 260	260	U	120					4,800	370		120				< 250	
Fluorene	ug/Kg	320	380		J 130					< 260	260	U	120					< 260	260	U	120					390	370		120				< 250	
Hexachlorobenzene	ug/Kg									< 150	150	U	110					< 150	150	U	110												< 140	
Hexachlorobutadiene	ug/Kg									< 260	260	U	130					< 260	260	U	140												< 250	
Hexachlorocyclopentadiene	ug/Kg									< 260	260	U	110					< 260	260	U	110												< 250	
Hexachloroethane	ug/Kg									< 150	150	U	110					< 150	150	U	110												< 140	
Indeno(1,2,3-cd)pyrene	ug/Kg	1,400	380		130					< 260	260	U	120					< 260	260	U	120					1,600	370		120				< 250	
Isophorone	ug/Kg									< 150	150	U	100					< 150	150	U	100												< 140	
Naphthalene	ug/Kg	250	380		J 110					< 260	260	U	110					< 260	260	U	110					250	370		J 110				< 250	
Nitrobenzene	ug/Kg									< 150	150	U	130					< 150	150	U	130												< 140	
N-Nitrosodimethylamine	ug/Kg									< 260	260	U	100					< 260	260	U	110												< 250	
N-Nitrosodi-n-propylamine	ug/Kg									< 150	150	U	120					< 150	150	U	120												< 140	
N-Nitrosodiphenylamine	ug/Kg									< 150	150	U	140					< 150	150	U	140												< 140	
Pentachloronitrobenzene	ug/Kg																																	
Pentachlorophenol	ug/Kg									< 260	260	U	140					< 260	260	U	140												< 250	
Phenanthrene	ug/Kg	3,300	380		110					< 150	150	U	110					< 150	150	U	110					4,900	370		110				< 140	
Phenol	ug/Kg									< 260	260	U	120					< 260	260	U	120												< 250	
Pyrene	ug/Kg	3,400	380		130					< 260	260	U	130					< 260	260	U	130					4,200	370		130				< 250	
Pyridine	ug/Kg																																	
Pesticides - Soil By SW8081B																																		
4,4' -DDD	ug/Kg									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2												< 2.1	
4,4' -DDE	ug/Kg									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2												< 2.1	
4,4' -DDT	ug/Kg									< 2.2	2.2	U	2.2					< 2.2	2.2	U	2.2												< 2.1	
α-BHC	ug/Kg									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3												< 7.0	
α-Chlordane	ug/Kg									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6												< 3.5	
Aldrin	ug/Kg									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6												< 3.5	
β-BHC	ug/Kg									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3												< 7.0	
Chlordane	ug/Kg									< 36	36	U	36					< 36	36	U	36												< 35	
δ-BHC	ug/Kg									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3												< 7.0	
Dieldrin	ug/Kg									< 3.6	3.6	U	3.6					< 3.6	3.6	U	3.6												< 3.5	
Endosulfan I	ug/Kg									< 7.3	7.3	U	7.3					< 7.3	7.3	U	7.3												< 7.0	
Endosulfan II	ug/Kg									< 7.3	7.3																							

Brooklyn, New York

LOCATION		AN COMP 7-11 FT			N CLEAN GRAB 7-11 FT			N CLEAN COMP 11-15 FT			N CLEAN GRAB 11-15 FT			LEAD HOTSPOT COMP BELOW FILL			LEAD HOTSPOT COMP 3-5 FT			HS1 BELOW FILL 8 FT								
SAMPLING DATE		3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016			3/4/2016								
LAB SAMPLE ID		BK75629			BK75630			BK75631			BK75632			BK75404			BK75405			BK75406								
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL				
Miscellaneous/Inorganics																												
Percent Solid	%				93				93				94															
Corrosivity	Pos/Neg			U					Negative			U																
Flash Point	Degree F	200							>200	200																		
Chromium, Hexavalent	mg/Kg	0.43	U	0.43					0.43	0.43		0.43																
Ignitability	Degree F	140	U						Passed	140	U																	
pH - Soil	pH Units	0.10							8.52	0.10																		
Pyridine	ug/Kg	350	U	350					< 350	350	U	350																
Reactivity Cyanide	mg/Kg	5.4	U	0.27					< 5.3	5.3	U	0.26																
Reactivity Sulfide	mg/Kg	20	U						< 20	20	U																	
Reactivity	Pos/Neg			U					Negative			U																
Redox Potential	mV	1.0							190	1.0																		
Metals, Total																												
Aluminum	mg/Kg	34		6.7					6,950	33		6.6																
Antimony	mg/Kg	1.7	U	1.7					< 1.6	1.6	U	1.6																
Arsenic	mg/Kg	0.7		0.67					2.2	0.7		0.66																
Barium	mg/Kg	0.7		0.34					54.4	0.7		0.33																
Beryllium	mg/Kg	0.27		0.13					0.37	0.26		0.13																
Cadmium	mg/Kg	0.34	U	0.13					< 0.33	0.33	U	0.13																
Calcium	mg/Kg	3.4		3.1					1,390	3.3		3.0																
Chromium	mg/Kg	0.34		0.34					15.7	0.33		0.33																
Cobalt	mg/Kg	0.34		0.34					6.76	0.33		0.33																
Copper	mg/Kg	0.34		0.34					12.4	0.33		0.33																
Iron	mg/Kg	34		34					19,600	33		33																
Lead	mg/Kg	0.7	0.34						4.8	0.7	0.33						14.5	0.6	*	0.29	96.5	0.6	*	0.32	34.1	0.7	*	0.33
Magnesium	mg/Kg	3.4		3.4					2,180	3.3		3.3																
Manganese	mg/Kg	3.4		3.4					710	3.3		3.3																
Mercury	mg/Kg	0.03	U	0.02					< 0.03	0																		

LOCATION		AN COMP 7-11 FT			N CLEAN GRAB 7-11 FT				N CLEAN COMP 11-15 FT				N CLEAN GRAB 11-15 FT				LEAD HOTSPOT COMP BELOW FILL				LEAD HOTSPOT COMP 3-5 FT				HS1 BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016			3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75629			BK75630				BK75631				BK75632				BK75404				BK75405				BK75406			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																											
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg								1,900	4	JN																	
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																											
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																											
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																											
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																											
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																											
Hexadecanoic acid (RT 6.690)	ug/Kg																											
Tetradecanoic acid (RT 6.700)	ug/Kg																											
Unknown (RT 9.500)	ug/Kg																											
Unknown (RT 1.520)	ug/Kg																											
Unknown (RT 1.740)	ug/Kg																											
Unknown (RT 3.330)	ug/Kg																											
Unknown (RT 8.150)	ug/Kg																											
Unknown (RT 1.300)	ug/Kg																											
Unknown (RT 1.530)	ug/Kg																											
Unknown (RT 7.490)	ug/Kg																											
Unknown (RT 8.010)	ug/Kg																											
Unknown (RT 1.460)	ug/Kg																											
Unknown (RT 1.480)	ug/Kg																											
Unknown (RT 1.520)	ug/Kg								170,000	4	JN																	
Unknown (RT 7.930)	ug/Kg	4	JN						1,900	4	JN																	
VOA TICS																												
unknown (RT 3.338)	ug/Kg																											
unknown (RT 4.023)	ug/Kg																											
PCBs By SW8082A																												
PCB-1016	ug/Kg	35	U	35</																								

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		AN COMP 7-11 FT				N CLEAN GRAB 7-11 FT				N CLEAN COMP 11-15 FT				N CLEAN GRAB 11-15 FT				LEAD HOTSPOT COMP BELOW FILL				LEAD HOTSPOT COMP 3-5 FT				HS1 BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75629				BK75630				BK75631				BK75632				BK75404				BK75405				BK75406			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Cyclohexane	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Dibromochloromethane	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Dibromomethane	ug/Kg																												
Dichlorodifluoromethane	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
Ethylbenzene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
Hexachlorobutadiene	ug/Kg																												
Isopropylbenzene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
m&p-Xylene	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Methyl Ethyl Ketone	ug/Kg				< 33	33	U	5.5					< 32	32	U	5.3													
Methyl t-butyl ether (MTBE)	ug/Kg				< 11	11	U	1.1					< 11	11	U	1.1													
Methylacetate	ug/Kg				< 5.5	5.5	U	2.8					< 5.3	5.3	U	2.7													
Methylcyclohexane	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Methylene chloride	ug/Kg				< 5.5	5.5	U	5.5					< 5.3	5.3	U	5.3													
Naphthalene	ug/Kg																												
n-Butylbenzene	ug/Kg																												
n-Propylbenzene	ug/Kg																												
o-Xylene	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
p-Isopropyltoluene	ug/Kg																												
sec-Butylbenzene	ug/Kg																												
Styrene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
tert-Butylbenzene	ug/Kg																												
Tetrachloroethene	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Tetrahydrofuran (THF)	ug/Kg																												
Toluene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
Total Xylenes	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
trans-1,2-Dichloroethene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
trans-1,3-Dichloropropene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
trans-1,4-dichloro-2-butene	ug/Kg																												
Trichloroethene	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
Trichlorofluoromethane	ug/Kg				< 5.5	5.5	U	1.1					< 5.3	5.3	U	1.1													
Trichlorotrifluoroethane	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
Vinyl chloride	ug/Kg				< 5.5	5.5	U	0.55					< 5.3	5.3	U	0.53													
1,1,1,2-Tetrachloroethane	ug/Kg				< 22	22	U	1.1					< 21	21	U	1.1													
Acrolein	ug/Kg				< 22	22	U	2.8					< 21	21	U	2.7													
Acrylonitrile	ug/Kg				< 22	22	U	0.55					< 21	21	U	0.53													
Tert-butyl alcohol	ug/Kg				< 110	110	U	22					< 110	110	U	21													
Semivolatiles By SW8270D																													
1,1-Biphenyl	ug/Kg	250	U	110						< 240	240	U	110																
1,2,4,5-Tetrachlorobenzene	ug/Kg	250	U	120						< 240	240	U	120																
1,2,4-Trichlorobenzene	ug/Kg																												
1,2-Dichlorobenzene	ug/Kg																												
1,2-Diphenylhydrazine	ug/Kg																												
1,3-Dichlorobenzene	ug/Kg																												
1,4-Dichlorobenzene	ug/Kg																												
2,3,4,6-tetrachlorophenol	ug/Kg	250	U	170						< 240	240	U	160																
2,4,5-Trichlorophenol	ug/Kg	250	U	190						< 240	240	U	190																
2,4,6-Trichlorophenol	ug/Kg	140	U	110						< 140	140	U	110																
2,4-Dichlorophenol	ug/Kg	140	U	120						< 140	140	U	120																
2,4-Dimethylphenol	ug/Kg	250	U	88						< 240	240	U	86																
2,4-Dinitrophenol	ug/Kg	250	U	250						< 240	240	U	240																
2,4-Dinitrotoluene	ug/Kg	140	U	140						< 140	140	U	140																
2,6-Dinitrotoluene	ug/Kg	140	U	110						< 140	140	U	110																
2-Chloronaphthalene	ug/Kg	250	U	100						< 240	240	U	99																
2-Chlorophenol	ug/Kg	250	U	100						< 240	240	U	99																
2-Methylnaphthalene	ug/Kg	250	U	110						< 240	240	U	100																
2-Methylphenol (o-cresol)	ug/Kg	250	U	170						< 240	240	U	160																
2-Nitroaniline	ug/Kg	1,800	U	360						< 1700	1,700	U	350																
2-Nitrophenol	ug/Kg	250	U	220						< 240	240	U	220																
3&4-Methylphenol (m&p-cresol)	ug/Kg	250	U	140						< 240	240	U	140																
3,3'-Dichlorobenzidine	ug/Kg	140	U	140						< 140	140	U	140																
3-Nitroaniline	ug/Kg	1,800	U	770						< 1700	1,700	U	760																
4,6-Dinitro-2-methylphenol	ug/Kg	250	U	250						< 240	240	U	240																
4-Bromophenyl phenyl ether	ug/Kg	250	U	100						< 240	240	U	100																
4-Chloro-3-methylphenol	ug/Kg	250	U	120						< 240	240	U	120																

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		AN COMP 7-11 FT				N CLEAN GRAB 7-11 FT				N CLEAN COMP 11-15 FT				N CLEAN GRAB 11-15 FT				LEAD HOTSPOT COMP BELOW FILL				LEAD HOTSPOT COMP 3-5 FT				HS1 BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75629				BK75630				BK75631				BK75632				BK75404				BK75405				BK75406			
	Units	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	
Benzo(a)pyrene	ug/Kg	140	U	120					< 140	140	U	110																	
Benzo(b)fluoranthene	ug/Kg	250	U	120					< 240	240	U	120																	
Benzo(ghi)perylene	ug/Kg	250	U	110					< 240	240	U	110																	
Benzo(k)fluoranthene	ug/Kg	250	U	120					< 240	240	U	120																	
Benzoic acid	ug/Kg																												
Benzyl Alcohol	ug/Kg																												
Benzyl butyl phthalate	ug/Kg	250	U	91					< 240	240	U	90																	
Bis(2-chloroethoxy)methane	ug/Kg	250	U	98					< 240	240	U	96																	
Bis(2-chloroethyl)ether	ug/Kg	140	U	96					< 140	140	U	94																	
Bis(2-chloroisopropyl)ether	ug/Kg	250	U	99					< 240	240	U	97																	
Bis(2-ethylhexyl)phthalate	ug/Kg	250	U	100					< 240	240	U	100																	
Caprolactam	ug/Kg	250	U	250					< 240	240	U	240																	
Carbazole	ug/Kg	1,800	U	270					< 1700	1,700	U	260																	
Chrysene	ug/Kg	250	U	120					< 240	240	U	120																	
Dibenz(a,h)anthracene	ug/Kg	140	U	110					< 140	140	U	110																	
Dibenzofuran	ug/Kg	250	U	100					< 240	240	U	100																	
Diethyl phthalate	ug/Kg	250	U	110					< 240	240	U	110																	
Dimethylphthalate	ug/Kg	250	U	110					< 240	240	U	110																	
Di-n-butylphthalate	ug/Kg	250	U	94					< 240	240	U	92																	
Di-n-octylphthalate	ug/Kg	250	U	91					< 240	240	U	90																	
Fluoranthene	ug/Kg	250	U	110					< 240	240	U	110																	
Fluorene	ug/Kg	250	U	120					< 240	240	U	110																	
Hexachlorobenzene	ug/Kg	140	U	100					< 140	140	U	100																	
Hexachlorobutadiene	ug/Kg	250	U	130					< 240	240	U	130																	
Hexachlorocyclopentadiene	ug/Kg	250	U	110					< 240	240	U	110																	
Hexachloroethane	ug/Kg	140	U	110					< 140	140	U	100																	
Indeno(1,2,3-cd)pyrene	ug/Kg	250	U	120					< 240	240	U	120																	
Isophorone	ug/Kg	140	U	99					< 140	140	U	97																	
Naphthalene	ug/Kg	250	U	100					< 240	240	U	100																	
Nitrobenzene	ug/Kg	140	U	120					< 140	140	U	120																	
N-Nitrosodimethylamine	ug/Kg	250	U	100					< 240	240	U	98																	
N-Nitrosodi-n-propylamine	ug/Kg	140	U	110					< 140	140	U	110																	
N-Nitrosodiphenylamine	ug/Kg	140	U	140					< 140	140	U	130																	
Pentachloronitrobenzene	ug/Kg																												
Pentachlorophenol	ug/Kg	250	U	130					< 240	240	U	130																	
Phenanthrene	ug/Kg	140	U	100					< 140	140	U	99																	
Phenol	ug/Kg	250	U	110					< 240	240	U	110																	
Pyrene	ug/Kg	250	U	120					< 240	240	U	120																	
Pyridine	ug/Kg																												
Pesticides - Soil By SW8081B																													
4,4' -DDD	ug/Kg	2.1	U	2.1					< 2.1	2.1	U	2.1																	
4,4' -DDE	ug/Kg	2.1	U	2.1					< 2.1	2.1	U	2.1																	
4,4' -DDT	ug/Kg	2.1	U	2.1					< 2.1	2.1	U	2.1																	
a-BHC	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
a-Chlordane	ug/Kg	3.5	U	3.5					< 3.5	3.5	U	3.5																	
Aldrin	ug/Kg	3.5	U	3.5					< 3.5	3.5	U	3.5																	
b-BHC	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Chlordane	ug/Kg	35	U	35					< 35	35	U	35																	
d-BHC	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Dieldrin	ug/Kg	3.5	U	3.5					< 3.5	3.5	U	3.5																	
Endosulfan I	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Endosulfan II	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Endosulfan sulfate	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Endrin	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Endrin aldehyde	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Endrin ketone	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
g-BHC	ug/Kg	1.4	U	1.4					< 1.4	1.4	U	1.4																	
g-Chlordane	ug/Kg	3.5	U	3.5					< 3.5	3.5	U	3.5																	
Heptachlor	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Heptachlor epoxide	ug/Kg	7.0	U	7.0					< 7.0	7.0	U	7.0																	
Methoxychlor	ug/Kg	35	U	35					< 35	35	U	35																	
Toxaphene	ug/Kg	140	U	140					< 140	140	U	140																	
NJ EPH Category 1 (Fuel #2/Diesel) By NJEPH 10-08 R3																													
≥C28-C40	mg/kg	53	U	53					< 53	53	U	53																	
C9-C28	mg/kg	53	U	53					< 53	53	U	53																	
Total EPH	mg/kg	53	U	53					< 53	53	U	53																	
Chlorinated Herbicides By SW8151A																													
2,4,5-T	ug/Kg	45	U	45					< 44	44	U	44																	
2,4,5-TP (Silvex)	ug/Kg	45	U	45					< 44	44	U	44																	
2,4-D	ug/Kg	45	U	45					< 44	44	U	44																	
2,4-DB	ug/Kg	450	U	450					< 440	440	U	440																	

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		HS2 GRAB 3-5 FT				HS2 GRAB BELOW FILL 8 FT				HS3 GRAB 3-5 FT				HS3 GRAB BELOW FILL 8 FT				HS4 GRAB 3-5 FT				HS4 GRAB BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75407				BK75408				BK75409				BK75410				BK75411				BK75412			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																									
Percent Solid	%																								
Corrosivity	Pos/Neg																								
Flash Point	Degree F																								
Chromium, Hexavalent	mg/Kg																								
Ignitability	degree F																								
pH - Soil	pH Units																								
Pyridine	ug/Kg																								
Reactivity Cyanide	mg/Kg																								
Reactivity Sulfide	mg/Kg																								
Reactivity	Pos/Neg																								
Redox Potential	mV																								
Metals, Total																									
Aluminum	mg/Kg																								
Antimony	mg/Kg																								
Arsenic	mg/Kg																								
Barium	mg/Kg																								
Beryllium	mg/Kg																								
Cadmium	mg/Kg																								
Calcium	mg/Kg																								
Chromium	mg/Kg																								
Cobalt	mg/Kg																								
Copper	mg/Kg																								
Iron	mg/Kg																								
Lead	mg/Kg	13.4	0.7	*	0.35	13.9	0.6	*	0.30	53.9	0.6	*	0.31	5.4	0.6	*	0.31	90.5	0.6	*	0.31	5.9	0.6	*	0.32
Magnesium	mg/Kg																								
Manganese	mg/Kg																								
Mercury	mg/Kg																								
Molybdenum	mg/Kg																								
Nickel	mg/Kg																								
Potassium	mg/Kg																								
Selenium	mg/Kg																								
Silver	mg/Kg																								
Sodium	mg/Kg																								
Thallium	mg/Kg																								
Vanadium	mg/Kg																								
Zinc	mg/Kg																								
Metals, TCLP																									
TCLP Aluminum	mg/L																								
TCLP Antimony	mg/L																								
TCLP Arsenic	mg/L																								
TCLP Barium	mg/L																								
TCLP Beryllium	mg/L																								
TCLP Cadmium	mg/L																								
TCLP Calcium	mg/L																								
TCLP Chromium	mg/L																								
TCLP Cobalt	mg/L																								
TCLP Copper	mg/L																								
TCLP Iron	mg/L																								
TCLP Lead	mg/L	0.14	0.10		0.010	< 0.10	0.10	U	0.010	0.05	0.10	B	0.010	< 0.10	0.10	U	0.010	0.16	0.10		0.010	< 0.10	0.10	U	0.010
TCLP Magnesium	mg/L																								
TCLP Manganese	mg/L																								
TCLP Mercury	mg/L																								
TCLP Nickel	mg/L																								
TCLP Selenium	mg/L																								
TCLP Silver	mg/L																								
TCLP Thallium	mg/L																								
TCLP Vanadium	mg/L																								
TCLP Zinc	mg/L																								
TPH By SW8015D DRO																									
Diesel Range Organics (C10-C28)	mg/Kg																								
SVOA TICS																									
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.580)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 2.600)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.640)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.650)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.660)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.670)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.680)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.700)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.710)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.520)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.530)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.540)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.560)	ug/Kg																								
2-Pentanone, 4-hydroxy-4-methyl- (RT 1.490)	ug/Kg																								

Table 5A - Waste Characterization Samples (EBC Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		HS2 GRAB 3-5 FT				HS2 GRAB BELOW FILL 8 FT				HS3 GRAB 3-5 FT				HS3 GRAB BELOW FILL 8 FT				HS4 GRAB 3-5 FT				HS4 GRAB BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75407				BK75408				BK75409				BK75410				BK75411				BK75412			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
2-Pentene, 3,4-dimethyl-, (E)- (RT 1.410)	ug/Kg																								
2-Pentene, 3,4-dimethyl-, (Z)- (RT 1.240)	ug/Kg																								
3-Penten-2-one, 4-methyl- (RT 2.320)	ug/Kg																								
3-Penten-2-one, 4-methyl- (RT 1.400)	ug/Kg																								
3-Penten-2-one, 4-methyl- (RT 1.410)	ug/Kg																								
9-Octadecenamide, (Z)- (RT 8.150)	ug/Kg																								
9-Octadecenamide, (Z)- (RT 8.010)	ug/Kg																								
Hexadecanoic acid (RT 6.690)	ug/Kg																								
Tetradecanoic acid (RT 6.700)	ug/Kg																								
Unknown (RT 9.500)	ug/Kg																								
Unknown (RT 1.520)	ug/Kg																								
Unknown (RT 1.740)	ug/Kg																								
Unknown (RT 3.330)	ug/Kg																								
Unknown (RT 8.150)	ug/Kg																								
Unknown (RT 1.300)	ug/Kg																								
Unknown (RT 1.530)	ug/Kg																								
Unknown (RT 7.490)	ug/Kg																								
Unknown (RT 8.010)	ug/Kg																								
Unknown (RT 1.460)	ug/Kg																								
Unknown (RT 1.480)	ug/Kg																								
Unknown (RT 1.520)	ug/Kg																								
Unknown (RT 7.930)	ug/Kg																								
VOA TICS																									
unknown (RT 3.338)	ug/Kg																								
unknown (RT 4.023)	ug/Kg																								
PCBs By SW8082A																									
PCB-1016	ug/Kg																								
PCB-1221	ug/Kg																								
PCB-1232	ug/Kg																								
PCB-1242	ug/Kg																								
PCB-1248	ug/Kg																								
PCB-1254	ug/Kg																								
PCB-1260	ug/Kg																								
PCB-1262	ug/Kg																								
PCB-1268	ug/Kg																								
Volatiles By SW8260C																									
1,1,1,2-Tetrachloroethane	ug/Kg																								
1,1,1-Trichloroethane	ug/Kg																								
1,1,2,2-Tetrachloroethane	ug/Kg																								
1,1,2-Trichloroethane	ug/Kg																								
1,1-Dichloroethane	ug/Kg																								
1,1-Dichloroethene	ug/Kg																								
1,1-Dichloropropene	ug/Kg																								
1,2,3-Trichlorobenzene	ug/Kg																								
1,2,3-Trichloropropane	ug/Kg																								
1,2,4-Trichlorobenzene	ug/Kg																								
1,2,4-Trimethylbenzene	ug/Kg																								
1,2-Dibromo-3-chloropropane	ug/Kg																								
1,2-Dibromoethane	ug/Kg																								
1,2-Dichlorobenzene	ug/Kg																								
1,2-Dichloroethane	ug/Kg																								
1,2-Dichloropropane	ug/Kg																								
1,3,5-Trimethylbenzene	ug/Kg																								
1,3-Dichlorobenzene	ug/Kg																								
1,3-Dichloropropane	ug/Kg																								
1,4-Dichlorobenzene	ug/Kg																								
2,2-Dichloropropane	ug/Kg																								
2-Chlorotoluene	ug/Kg																								
2-Hexanone	ug/Kg																								
2-Isopropyltoluene	ug/Kg																								
4-Chlorotoluene	ug/Kg																								
4-Methyl-2-pentanone	ug/Kg																								
Acetone	ug/Kg																								
Benzene	ug/Kg																								
Bromobenzene	ug/Kg																								
Bromochloromethane	ug/Kg																								
Bromodichloromethane	ug/Kg																								
Bromoform	ug/Kg																								
Bromomethane	ug/Kg																								
Carbon Disulfide	ug/Kg																								
Carbon tetrachloride	ug/Kg																								
Chlorobenzene	ug/Kg																								
Chloroethane	ug/Kg																								
Chloroform	ug/Kg																								
Chloromethane	ug/Kg																								
cis-1,2-Dichloroethene	ug/Kg																								
cis-1,3-Dichloropropene	ug/Kg																								

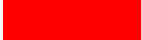
Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		HS2 GRAB 3-5 FT				HS2 GRAB BELOW FILL 8 F				HS3 GRAB 3-5 FT				HS3 GRAB BELOW FILL 8 F				HS4 GRAB 3-5 FT				HS4 GRAB BELOW FILL 8 FT			
SAMPLING DATE		3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016				3/4/2016			
LAB SAMPLE ID		BK75407				BK75408				BK75409				BK75410				BK75411				BK75412			
	Units	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Cyclohexane	ug/Kg																								
Dibromochloromethane	ug/Kg																								
Dibromomethane	ug/Kg																								
Dichlorodifluoromethane	ug/Kg																								
Ethylbenzene	ug/Kg																								
Hexachlorobutadiene	ug/Kg																								
Isopropylbenzene	ug/Kg																								
m&p-Xylene	ug/Kg																								
Methyl Ethyl Ketone	ug/Kg																								
Methyl t-butyl ether (MTBE)	ug/Kg																								
Methylacetate	ug/Kg																								
Methylcyclohexane	ug/Kg																								
Methylene chloride	ug/Kg																								
Naphthalene	ug/Kg																								
n-Butylbenzene	ug/Kg																								
n-Propylbenzene	ug/Kg																								
o-Xylene	ug/Kg																								
p-Isopropyltoluene	ug/Kg																								
sec-Butylbenzene	ug/Kg																								
Styrene	ug/Kg																								
tert-Butylbenzene	ug/Kg																								
Tetrachloroethene	ug/Kg																								
Tetrahydrofuran (THF)	ug/Kg																								
Toluene	ug/Kg																								
Total Xylenes	ug/Kg																								
trans-1,2-Dichloroethene	ug/Kg																								
trans-1,3-Dichloropropene	ug/Kg																								
trans-1,4-dichloro-2-butene	ug/Kg																								
Trichloroethene	ug/Kg																								
Trichlorofluoromethane	ug/Kg																								
Trichlorotrifluoroethane	ug/Kg																								
Vinyl chloride	ug/Kg																								
1,1,1,2-Tetrachloroethane	ug/Kg																								
Acrolein	ug/Kg																								
Acrylonitrile	ug/Kg																								
Tert-butyl alcohol	ug/Kg																								
Semivolatiles By SW8270D																									
1,1-Biphenyl	ug/Kg																								
1,2,4,5-Tetrachlorobenzene	ug/Kg																								
1,2,4-Trichlorobenzene	ug/Kg																								
1,2-Dichlorobenzene	ug/Kg																								
1,2-Diphenylhydrazine	ug/Kg																								
1,3-Dichlorobenzene	ug/Kg																								
1,4-Dichlorobenzene	ug/Kg																								
2,3,4,6-tetrachlorophenol	ug/Kg																								
2,4,5-Trichlorophenol	ug/Kg																								
2,4,6-Trichlorophenol	ug/Kg																								
2,4-Dichlorophenol	ug/Kg																								
2,4-Dimethylphenol	ug/Kg																								
2,4-Dinitrophenol	ug/Kg																								
2,4-Dinitrotoluene	ug/Kg																								
2,6-Dinitrotoluene	ug/Kg																								
2-Chloronaphthalene	ug/Kg																								
2-Chlorophenol	ug/Kg																								
2-Methylnaphthalene	ug/Kg																								
2-Methylphenol (o-cresol)	ug/Kg																								
2-Nitroaniline	ug/Kg																								
2-Nitrophenol	ug/Kg																								
3&4-Methylphenol (m&p-cresol)	ug/Kg																								
3,3'-Dichlorobenzidine	ug/Kg																								
3-Nitroaniline	ug/Kg																								
4,6-Dinitro-2-methylphenol	ug/Kg																								
4-Bromophenyl phenyl ether	ug/Kg																								
4-Chloro-3-methylphenol	ug/Kg																								
4-Chloroaniline	ug/Kg																								
4-Chlorophenyl phenyl ether	ug/Kg																								
4-Nitroaniline	ug/Kg																								
4-Nitrophenol	ug/Kg																								
Acenaphthene	ug/Kg																								
Acenaphthylene	ug/Kg																								
Acetophenone	ug/Kg																								
Aniline	ug/Kg																								
Anthracene	ug/Kg																								
Atrazine	ug/Kg																								
Benz(a)anthracene	ug/Kg																								
Benzidine	ug/Kg																								
Benzaldehyde	ug/Kg																								

Table 5A - Waste Characterization Samples (EBC Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

Notes:

 RL Exceeds Criteria

 Result Exceeds Criteria

Qual - Laboratory data qualifier.

U - The compound was analyzed for but not detected at or above the MDL.
The number immediately preceding the "U" represents the PQL reporting level

J - The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

N - The concentration is based on the response to the nearest internal. This flag
is used on the TIC form for all compounds identified.

S - This compound is a solvent that is used in the laboratory. Laboratory contamination is
suspected if concentration is less than five times the reporting level.

D - The reported concentration is the result of a diluted analysis.

(*) See report for comment.

Brooklyn, New York

[illegible]

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-A (3-3.5)		WC-A (9.5-10)		WC-A (13-13.5)		WC-B (2-2.5)		WC-B (9.5-10)		WC-B (13-13.5)		WC-C (3.5-4)		WC-C (8.5-9)		WC-C (14.5-15)		WC-D (4.5-5)		WC-D (8.5-9)	
SAMPLING DATE	Unrestricted		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID	Use Criteria		L1608853-01		L1608853-02		L1608853-03		L1608853-04		L1608853-05		L1608853-06		L1608853-07		L1608853-08		L1608853-09		L1608853-10		L1608853-11	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																								
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline Range Organics																								
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																								
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total		%	89.9		91.8		94.8		85.8		97.2		64.5		82.1		78.9		80.3		78		89	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids																								
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium																								
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																								
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																								
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides by GC																								
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																								
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-A (3-3.5)		WC-A (9.5-10)		WC-A (13-13.5)		WC-B (2-2.5)		WC-B (9.5-10)		WC-B (13-13.5)		WC-C (3.5-4)		WC-C (8.5-9)		WC-C (14.5-15)		WC-D (4.5-5)		WC-D (8.5-9)	
SAMPLING DATE	Unrestricted		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID	Use Criteria		L1608853-01		L1608853-02		L1608853-03		L1608853-04		L1608853-05		L1608853-06		L1608853-07		L1608853-08		L1608853-09		L1608853-10		L1608853-11	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-A (3-3.5)		WC-A (9.5-10)		WC-A (13-13.5)		WC-B (2-2.5)		WC-B (9.5-10)		WC-B (13-13.5)		WC-C (3.5-4)		WC-C (8.5-9)		WC-C (14.5-15)		WC-D (4.5-5)		WC-D (8.5-9)	
SAMPLING DATE	Unrestricted		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID	Use Criteria		L1608853-01		L1608853-02		L1608853-03		L1608853-04		L1608853-05		L1608853-06		L1608853-07		L1608853-08		L1608853-09		L1608853-10		L1608853-11	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																								
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																								
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																								
Methylene chloride	0.05	mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
1,1-Dichloroethane	0.27	mg/kg	0.0013	U	0.0019	U	0.0016	U	0.0017	U	0.0018	U	0.002	U	0.0017	U	0.0015	U	0.0019	U	0.0022	U	0.0015	U
Chloroform	0.37	mg/kg	0.0013	U	0.0019	U	0.0016	U	0.0017	U	0.0018	U	0.002	U	0.0017	U	0.0015	U	0.0019	U	0.0022	U	0.0015	U
Carbon tetrachloride	0.76	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,2-Dichloropropane		mg/kg	0.0031	U	0.0045	U	0.0038	U	0.004	U	0.0041	U	0.0048	U	0.0039	U	0.0036	U	0.0044	U	0.0052	U	0.0034	U
Dibromochloromethane		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,1,2-Trichloroethane		mg/kg	0.0013	U	0.0019	U	0.0016	U	0.0017	U	0.0018	U	0.002	U	0.0017	U	0.0015	U	0.0019	U	0.0022	U	0.0015	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.00057	J	0.001	U	0.0012	U	0.011		0.00098	U
Chlorobenzene	1.1	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Trichlorofluoromethane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,2-Dichloroethane	0.02	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,1,1-Trichloroethane	0.68	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Bromodichloromethane		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
trans-1,3-Dichloropropene		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
cis-1,3-Dichloropropene		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		WC-A (3-3.5)		WC-A (9.5-10)		WC-A (13-13.5)		WC-B (2-2.5)		WC-B (9.5-10)		WC-B (13-13.5)		WC-C (3.5-4)		WC-C (8.5-9)		WC-C (14.5-15)		WC-D (4.5-5)		WC-D (8.5-9)	
SAMPLING DATE			3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID			L1608853-01	L1608853-02		L1608853-03		L1608853-04		L1608853-05		L1608853-06		L1608853-07		L1608853-08		L1608853-09		L1608853-10		L1608853-11		
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,1-Dichloropropene		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Bromoform		mg/kg	0.0035	U	0.0052	U	0.0044	U	0.0046	U	0.0047	U	0.0054	U	0.0045	U	0.0041	U	0.005	U	0.006	U	0.0039	U
1,1,2,2-Tetrachloroethane		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Benzene	0.06	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Toluene	0.7	mg/kg	0.00044	J	0.00053	J	0.0005	J	0.00041	J	0.00048	J	0.00047	J	0.00053	J	0.00028	J	0.0019	U	0.0022	U	0.0015	U
Ethylbenzene	1	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Chloromethane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Bromomethane		mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
Vinyl chloride	0.02	mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
Chloroethane		mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
1,1-Dichloroethene	0.33	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0013	U	0.0019	U	0.0016	U	0.0017	U	0.0018	U	0.002	U	0.0017	U	0.0015	U	0.0019	U	0.0022	U	0.0015	U
Trichloroethene	0.47	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,2-Dichlorobenzene	1.1	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,3-Dichlorobenzene	2.4	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,4-Dichlorobenzene	1.8	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Methyl tert butyl ether	0.93	mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
p/m-Xylene		mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
o-Xylene		mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
Xylenes, Total	0.26	mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
1,2-Dichloroethene, Total		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Dibromomethane		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	0.0018	U	0.0026	U	0.0022	U	0.0023	U	0.0023	U	0.0027	U	0.0022	U	0.002	U	0.0025	U	0.003	U	0.002	U
Dichlorodifluoromethane		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
Acetone	0.05	mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
Carbon disulfide		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
2-Butanone	0.12	mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
Vinyl acetate		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
4-Methyl-2-pentanone		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
1,2,3-Trichloropropane		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
2-Hexanone		mg/kg	0.0088	U	0.013	U	0.011	U	0.011	U	0.012	U	0.014	U	0.011	U	0.01	U	0.012	U	0.015	U	0.0098	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,2-Dibromoethane		mg/kg	0.0035	U	0.0052	U	0.0044	U	0.0046	U	0.0047	U	0.0054	U	0.0045	U	0.0041	U	0.005	U	0.006	U	0.0039	U
1,3-Dichloropropane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,1,1,2-Tetrachloroethane		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Bromobenzene		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
n-Butylbenzene	12	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
sec-Butylbenzene	11	mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
tert-Butylbenzene	5.9	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
o-Chlorotoluene		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
p-Chlorotoluene		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
1,2-Dibromo-3-chloropropane		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Hexachlorobutadiene		mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Isopropylbenzene		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
p-Isopropyltoluene		mg/kg	0.00088	U	0.0013	U	0.0011	U	0.0011	U	0.0012	U	0.0014	U	0.0011	U	0.001	U	0.0012	U	0.0015	U	0.00098	U
Naphthalene	12	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U
Acrylonitrile		mg/kg	0.0088	U	0.013	U																		

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria			WC-A (3-3.5)		WC-A (9.5-10)		WC-A (13-13.5)		WC-B (2-2.5)		WC-B (9.5-10)		WC-B (13-13.5)		WC-C (3.5-4)		WC-C (8.5-9)		WC-C (14.5-15)		WC-D (4.5-5)		WC-D (8.5-9)	
SAMPLING DATE				3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID				L1608853-01		L1608853-02		L1608853-03		L1608853-04		L1608853-05		L1608853-06		L1608853-07		L1608853-08		L1608853-09		L1608853-10		L1608853-11	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Ethyltoluene	mg/kg	0.0035	U	0.0052	U	0.0044	U	0.0046	U	0.0047	U	0.0054	U	0.0045	U	0.0041	U	0.005	U	0.006	U	0.0039	U		
1,2,4,5-Tetramethylbenzene	mg/kg	0.0035	U	0.0052	U	0.0044	U	0.0046	U	0.0047	U	0.0054	U	0.0045	U	0.0041	U	0.005	U	0.006	U	0.0039	U		
Ethyl ether	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U		
trans-1,4-Dichloro-2-butene	mg/kg	0.0044	U	0.0065	U	0.0055	U	0.0057	U	0.0058	U	0.0068	U	0.0056	U	0.0051	U	0.0062	U	0.0074	U	0.0049	U		
Acrolein	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon-113	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-D (14.5-15)		WC-E (4.5-5)		WC-E (9.5-10)		WC-E (14.5-15)		WC-F (3.5-4)		WC-F (8-8.5)		WC-F (14.5-15)		WC-G (3.5-4)		WC-G (9.5-10)		WC-G (14.5-15)		WC-HGI (3-3.5)		WC-F	
SAMPLING DATE	Unrestricted Use Criteria		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
LAB SAMPLE ID			L1608853-12	L1608853-13	L1608853-14	L1608853-15	L1608853-16	L1608853-17	L1608853-18	L1608853-19	L1608853-20	L1608853-21	L1608853-22	L1608853-23												
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	
Chlorinated Herbicides by GC																										
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gasoline Range Organics																										
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	U	-	
General Chemistry																										
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Solids, Total		%	90.3		80.9		90.7		93.3		83.1		90.9		95.5		92.8		96.6		93.5		93.8		90.1	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Ignitability of Solids																										
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NI	
NJ Hexavalent Chromium																										
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oxidation/Reduction Potential		mV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Petroleum Hydrocarbon Quantitation																										
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.46	J	-	
Polychlorinated Biphenyls by GC																										
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0355	
Pesticides by GC																										
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Semivolatile Organics by GC/MS																										
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-D (14.5-15)		WC-E (4.5-5)		WC-E (9.5-10)		WC-E (14.5-15)		WC-F (3.5-4)		WC-F (8-8.5)		WC-F (14.5-15)		WC-G (3.5-4)		WC-G (9.5-10)		WC-G (14.5-15)		WC-HGI (3-3.5)		WC-F
SAMPLING DATE	Unrestricted		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016
LAB SAMPLE ID	Use Criteria		L1608853-12		L1608853-13		L1608853-14		L1608853-15		L1608853-16		L1608853-17		L1608853-18		L1608853-19		L1608853-20		L1608853-21		L1608853-22		L1608853-23
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.52
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.098
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.047
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.036
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.055
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-D (14.5-15)	WC-E (4.5-5)	WC-E (9.5-10)	WC-E (14.5-15)	WC-F (3.5-4)	WC-F (8-8.5)	WC-F (14.5-15)	WC-G (3.5-4)	WC-G (9.5-10)	WC-G (14.5-15)	WC-HGI (3-3.5)	WC-F
SAMPLING DATE	Unrestricted		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016
LAB SAMPLE ID	Use Criteria		L1608853-12	L1608853-13	L1608853-14	L1608853-15	L1608853-16	L1608853-17	L1608853-18	L1608853-19	L1608853-20	L1608853-21	L1608853-22	L1608853-23
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311														
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals														
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035														
Methylene chloride	0.05	mg/kg	0.011	U	0.015	U	0.011	U	0.012	U	0.011	U	0.0095	U
1,1-Dichloroethane	0.27	mg/kg	0.0017	U	0.0023	U	0.0016	U	0.0018	U	0.0017	U	0.0015	U
Chloroform	0.37	mg/kg	0.0017	U	0.0023	U	0.0016	U	0.0018	U	0.0017	U	0.0015	U
Carbon tetrachloride	0.76	mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
1,2-Dichloropropane		mg/kg	0.004	U	0.0053	U	0.0038	U	0.0042	U	0.004	U	0.0036	U
Dibromochloromethane		mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
1,1,2-Trichloroethane		mg/kg	0.0017	U	0.0023	U	0.0016	U	0.0018	U	0.0017	U	0.0015	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0058	U	0.0011	U
Chlorobenzene	1.1	mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
Trichlorofluoromethane		mg/kg	0.0056	U	0.0075	U	0.0054	U	0.006	U	0.0057	U	0.0051	U
1,2-Dichloroethane	0.02	mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
1,1,1-Trichloroethane	0.68	mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
Bromodichloromethane		mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
trans-1,3-Dichloropropene		mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U
cis-1,3-Dichloropropene		mg/kg	0.0011	U	0.0015	U	0.0011	U	0.0012	U	0.0011	U	0.001	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-D (14.5-15)	WC-E (4.5-5)	WC-E (9.5-10)	WC-E (14.5-15)	WC-F (3.5-4)	WC-F (8-8.5)	WC-F (14.5-15)	WC-G (3.5-4)	WC-G (9.5-10)	WC-G (14.5-15)	WC-HGI (3-3.5)	WC-F
SAMPLING DATE	Unrestricted		3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016
LAB SAMPLE ID	Use Criteria		L1608853-12	L1608853-13	L1608853-14	L1608853-15	L1608853-16	L1608853-17	L1608853-18	L1608853-19	L1608853-20	L1608853-21	L1608853-22	L1608853-23
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0011 U		0.0011 U		0.00095 U	
1,1-Dichloropropene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Bromoform		mg/kg	0.0045 U		0.006 U		0.0043 U		0.0045 U		0.0044 U		0.0041 U	
1,1,2,2-Tetrachloroethane		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Benzene	0.06	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Toluene	0.7	mg/kg	0.0017 U		0.0023 U		0.0016 U		0.0018 U		0.0017 U		0.00068 J	
Ethylbenzene	1	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Chloromethane		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Bromomethane		mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
Vinyl chloride	0.02	mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
Chloroethane		mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
1,1-Dichloroethene	0.33	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
trans-1,2-Dichloroethene	0.19	mg/kg	0.0017 U		0.0023 U		0.0016 U		0.0018 U		0.0017 U		0.0016 U	
Trichloroethene	0.47	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
1,2-Dichlorobenzene	1.1	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,3-Dichlorobenzene	2.4	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,4-Dichlorobenzene	1.8	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Methyl tert butyl ether	0.93	mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
p/m-Xylene		mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
o-Xylene		mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
Xylenes, Total	0.26	mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
cis-1,2-Dichloroethene	0.25	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
1,2-Dichloroethene, Total		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Dibromomethane		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
1,4-Dichlorobutane		mg/kg	-		-		-		-		-		-	
1,2,3-Trichloropropane		mg/kg	-		-		-		-		-		-	
Styrene		mg/kg	0.0023 U		0.003 U		0.0022 U		0.0024 U		0.0023 U		0.0022 U	
Dichlorodifluoromethane		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
Acetone	0.05	mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
Carbon disulfide		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
2-Butanone	0.12	mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
Vinyl acetate		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
4-Methyl-2-pentanone		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
1,2,3-Trichloropropane		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
2-Hexanone		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
Ethyl methacrylate		mg/kg	-		-		-		-		-		-	
Bromochloromethane		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Tetrahydrofuran		mg/kg	-		-		-		-		-		-	
2,2-Dichloropropane		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,2-Dibromoethane		mg/kg	0.0045 U		0.006 U		0.0043 U		0.0045 U		0.0044 U		0.0041 U	
1,3-Dichloropropane		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,1,1,2-Tetrachloroethane		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Bromobenzene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
n-Butylbenzene	12	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
sec-Butylbenzene	11	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
tert-Butylbenzene	5.9	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
p-Chlorotoluene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
p-Chlorotoluene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,2-Dibromo-3-chloropropane		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Hexachlorobutadiene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Isopropylbenzene		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
p-Isopropyltoluene		mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
Naphthalene	12	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
Acrylonitrile		mg/kg	0.011 U		0.015 U		0.011 U		0.012 U		0.011 U		0.01 U	
n-Propylbenzene	3.9	mg/kg	0.0011 U		0.0015 U		0.0011 U		0.0012 U		0.0011 U		0.001 U	
1,2,3-Trichlorobenzene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,2,4-Trichlorobenzene		mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,3,5-Trimethylbenzene	8.4	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,2,4-Trimethylbenzene	3.6	mg/kg	0.0056 U		0.0075 U		0.0054 U		0.0057 U		0.0054 U		0.0051 U	
1,4-Dioxane	0.1	mg/kg	0.11 U		0.15 U		0.11 U		0.12 U		0.11 U		0.1 U	
p-Diethylbenzene		mg/kg	0.0045 U		0.006 U		0.0043 U		0.0045 U		0.0044 U		0.0041 U	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		WC-D (14.5-15)		WC-E (4.5-5)		WC-E (9.5-10)		WC-E (14.5-15)		WC-F (3.5-4)		WC-F (8-8.5)		WC-F (14.5-15)		WC-G (3.5-4)		WC-G (9.5-10)		WC-G (14.5-15)		WC-HGI (3-3.5)		WC-F
SAMPLING DATE			3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016
LAB SAMPLE ID			L1608853-12		L1608853-13		L1608853-14		L1608853-15		L1608853-16		L1608853-17		L1608853-18		L1608853-19		L1608853-20		L1608853-21		L1608853-22		L1608853-23
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Ethyltoluene		mg/kg	0.0045	U	0.006	U	0.0043	U	0.0048	U	0.0045	U	0.0043	U	0.0041	U	0.0041	U	0.0047	U	0.0038	U	0.0006	J	0.0045
1,2,4,5-Tetramethylbenzene		mg/kg	0.0045	U	0.006	U	0.0043	U	0.0048	U	0.0045	U	0.0043	U	0.0041	U	0.0041	U	0.0047	U	0.0038	U	0.0006	J	0.0045
Ethyl ether		mg/kg	0.0056	U	0.0075	U	0.0054	U	0.006	U	0.0057	U	0.0054	U	0.0051	U	0.0052	U	0.0059	U	0.0048	U	0.0048	U	0.0057
trans-1,4-Dichloro-2-butene		mg/kg	0.0056	U	0.0075	U	0.0054	U	0.006	U	0.0057	U	0.0054	U	0.0051	U	0.0052	U	0.0059	U	0.0048	U	0.0048	U	0.0057
Acrolein		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon-113		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		C	GRID I (0-5) DS B1	GRID I (5-10) DS B1	GRID I (10-15) DS B1	GRID I (0-5) DS B2	GRID I (5-10) DS B2	GRID I (10-15) DS B2	GRID I (0-5) DS B3	GRID I (5-10) DS B3	GRID I (10-15) DS B3
SAMPLING DATE	Unrestricted		16	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
LAB SAMPLE ID	Use Criteria		3-23	L1611673-01	L1611673-02	L1611673-03	L1611673-04	L1611673-05	L1611673-06	L1611673-07	L1611673-08	L1611673-09
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Chlorinated Herbicides by GC												
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-
Gasoline Range Organics												
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-
General Chemistry												
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-
Solids, Total		%		86.1	91	94.7	87.5	92	94.2	85.2	87.1	94.5
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	U	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	U	-	-	-	-	-	-	-	-	-
Ignitability of Solids												
Ignitability		NI	-	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium												
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mV	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation												
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC												
Aroclor 1016	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	U	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	U	-	-	-	-	-	-	-	-	-
Pesticides by GC												
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS												
Acenaphthene	20	mg/kg	U	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	U	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		C	GRID I (0-5) DS B1		GRID I (5-10) DS B1		GRID I (10-15) DS B1		GRID I (0-5) DS B2		GRID I (5-10) DS B2		GRID I (10-15) DS B2		GRID I (0-5) DS B3		GRID I (5-10) DS B3		GRID I (10-15) DS B3	
SAMPLING DATE	Unrestricted		16	4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID	Use Criteria		3-23	L1611673-01		L1611673-02		L1611673-03		L1611673-04		L1611673-05		L1611673-06		L1611673-07		L1611673-08		L1611673-09	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chloro-M-Cresol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Brooklyn, New York

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		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																					
Arsenic, TCLP		mg/l	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																					
Aluminum, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																					
Methylene chloride	0.05	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0048	U	0.0054	U	0.0052	U	0.0049	U	0.0054	U
1,1-Dichloroethane	0.27	mg/kg	U	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U
Chloroform	0.37	mg/kg	U	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U
Carbon tetrachloride	0.76	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
1,2-Dichloropropane		mg/kg	U	0.0041	U	0.0039	U	0.0037	U	0.0038	U	0.0034	U	0.0038	U	0.0037	U	0.0034	U	0.0038	U
Dibromochloromethane		mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
1,1,2-Trichloroethane		mg/kg	U	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U	0.0016	U	0.0014	U	0.0016	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg		0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.0015	U	0.00097	U	0.0011	U
Chlorobenzene	1.1	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
Trichlorofluoromethane		mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0048	U	0.0054	U	0.0052	U	0.0049	U	0.0054	U
1,2-Dichloroethane	0.02	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
1,1,1-Trichloroethane	0.68	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
Bromodichloromethane		mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
trans-1,3-Dichloropropene		mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U
cis-1,3-Dichloropropene		mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.0011	U	0.00097	U	0.0011	U	0.001	U	0.00097	U	0.0011	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		C	GRID I (0-5)DS B1	GRID I (5-10)DS B1	GRID I (10-15)DS B1	GRID I (0-5)DS B2	GRID I (5-10)DS B2	GRID I (10-15)DS B2	GRID I (0-5)DS B3	GRID I (5-10)DS B3	GRID I (10-15)DS B3
SAMPLING DATE	Unrestricted		16	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
LAB SAMPLE ID	Use Criteria	3-23	L1611673-01	L1611673-02	L1611673-03	L1611673-04	L1611673-05	L1611673-06	L1611673-07	L1611673-08	L1611673-09	L1611673-10
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
1,3-Dichloropropene, Total		mg/kg	U	0.0012	U	0.0011	U	0.0011	U	0.00097	U	0.0011
1,1-Dichloropropene		mg/kg	U	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	U	0.0047	U	0.0045	U	0.0044	U	0.0039	U	0.0043
1,1,2,2-Tetrachloroethane		mg/kg	U	0.0012	U	0.0011	U	0.0011	U	0.00097	U	0.0011
Benzene	0.06	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00029	U	0.0011
Toluene	0.7	mg/kg	J	0.00031	J	0.0004	J	0.00043	J	0.00034	J	0.00058
Ethylbenzene	1	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
Chloromethane		mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
Bromomethane		mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
Vinyl chloride	0.02	mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
Chloroethane		mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
1,1-Dichloroethene	0.33	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
trans-1,2-Dichloroethene	0.19	mg/kg	U	0.0018	U	0.0017	U	0.0016	U	0.0016	U	0.0016
Trichloroethene	0.47	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
1,2-Dichlorobenzene	1.1	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,3-Dichlorobenzene	2.4	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,4-Dichlorobenzene	1.8	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
Methyl tert butyl ether	0.93	mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
p/m-Xylene		mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
o-Xylene		mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
Xylenes, Total	0.26	mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
cis-1,2-Dichloroethene	0.25	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
1,2-Dichloroethene, Total		mg/kg	U	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	U	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	U	0.0024	U	0.0022	U	0.0021	U	0.0022	U	0.0021
Dichlorodifluoromethane		mg/kg	U	0.012	U	0.011	U	0.01	U	0.0097	U	0.01
Acetone	0.05	mg/kg	J	0.0078	J	0.04	J	0.0038	J	0.035	J	0.0037
Carbon disulfide		mg/kg	U	0.012	U	0.011	U	0.01	U	0.0097	U	0.01
2-Butanone	0.12	mg/kg	U	0.012	U	0.011	U	0.01	U	0.0097	U	0.01
Vinyl acetate		mg/kg	U	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	U	0.012	U	0.011	U	0.01	U	0.0097	U	0.01
1,2,3-Trichloropropane		mg/kg	U	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	U	0.012	U	0.011	U	0.01	U	0.0097	U	0.01
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	U	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	U	0.0036	U	0.0034	U	0.0032	U	0.0029	U	0.0032
1,3-Dichloropropane		mg/kg	U	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	U	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	U	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
sec-Butylbenzene	11	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
tert-Butylbenzene	5.9	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
p-Chlorotoluene		mg/kg	U	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	U	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	U	0.0036	U	0.0034	U	0.0032	U	0.0029	U	0.0032
Hexachlorobutadiene		mg/kg	U	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
p-Isopropyltoluene		mg/kg	U	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	U	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	U	0.0047	U	0.0045	U	0.0042	U	0.0039	U	0.0043
n-Propylbenzene	3.9	mg/kg	U	0.0012	U	0.0011	U	0.001	U	0.00097	U	0.0011
1,2,3-Trichlorobenzene		mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,2,4-Trichlorobenzene		mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,3,5-Trimethylbenzene	8.4	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,2,4-Trimethylbenzene	3.6	mg/kg	U	0.0059	U	0.0056	U	0.0053	U	0.0055	U	0.0054
1,4-Dioxane	0.1	mg/kg	U	0.12	U	0.11	U	0.1	U	0.097	U	0.11
p-Diethylbenzene		mg/kg	U	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria	C		GRID I (0-5)DS B1		GRID I (5-10)DS B1		GRID I (10-15)DS B1		GRID I (0-5)DS B2		GRID I (5-10)DS B2		GRID I (10-15)DS B2		GRID I (0-5)DS B3		GRID I (5-10)DS B3		GRID I (10-15)	
SAMPLING DATE		16		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID		3-23		L1611673-01		L1611673-02		L1611673-03		L1611673-04		L1611673-05		L1611673-06		L1611673-07		L1611673-08		L1611673-	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	-	0.03	U	0.028	U	0.026	U	0.027	U	0.024	U	0.027	U	0.026	U	0.024	U	0.027	U
Methyl Acetate		mg/kg	-	0.0047	U	0.0045	U	0.0042	U	0.0044	U	0.0039	U	0.0043	U	0.0042	U	0.0039	U	0.0043	U
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	-	0.024	U	0.022	U	0.021	U	0.022	U	0.019	U	0.022	U	0.021	U	0.019	U	0.022	U
Tert-Butyl Alcohol		mg/kg	-	0.12	U	0.11	U	0.1	U	0.11	U	0.097	U	0.11	U	0.1	U	0.097	U	0.11	U
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	-	0.0047	U	0.0045	U	0.0042	U	0.0044	U	0.0039	U	0.0043	U	0.0042	U	0.0039	U	0.0043	U
Freon-113		mg/kg	-	0.024	U	0.022	U	0.021	U	0.022	U	0.019	U	0.022	U	0.021	U	0.019	U	0.022	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		DS B3	GRID I (0-5)DS B4	GRID I (5-10)DS B4	GRID I (10-15)DS B4	GRID J (0-5) CS	GRID J (5-10) CS	GRID J (10-15) CS	GRID J (0-5)DS B1	GRID J (5-10)DS B1	GRID J (10-15)DS B1	
SAMPLING DATE	Unrestricted		5	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	
LAB SAMPLE ID	Use Criteria		09	L1611673-10	L1611673-11	L1611673-12	L1611673-25	L1611673-26	L1611673-27	L1611673-28	L1611673-29	L1611673-30	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D		mg/kg	-	-	-	-	-	0.184 U	0.178 U	0.172 U	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	0.184 U	0.178 U	0.172 U	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	0.184 U	0.178 U	0.172 U	-	-	-
Gasoline Range Organics													
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	20	17	13	-	-	-
Solids, Total		%	-	90.1	94.3	96.9	89	93	94.8	90	92.7	94.2	-
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	9.1	8.1	8	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	10 U	10 U	10 U	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	10 U	10 U	10 U	-	-	-
Ignitability of Solids													
Ignitability		-	-	-	-	-	-	NI	NI	NI	NI	-	-
NJ Hexavalent Chromium													
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	0.9 U	0.86 U	0.18 J	-	-	-
pH		SU	-	-	-	-	-	8.3	7.8	7.8	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	150	150	140	-	-	-
Petroleum Hydrocarbon Quantitation													
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC													
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	0.0328 J	0.0339 U	0.0331 U	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	0.00898 J	0.0183 J	0.0331 U	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	0.0354 U	0.0339 U	0.0331 U	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	0.0418 J	0.0183 J	0.0331 U	-	-	-
Pesticides by GC													
Delta-BHC	0.04	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	0.00071 U	0.00069 U	0.00067 U	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	0.00071 U	0.00069 U	0.00067 U	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	0.00086 U	0.00083 U	0.00081 U	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	0.00323 U	0.00313 U	0.00304 U	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	0.00071 U	0.00069 U	0.00067 U	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	0.00216 U	0.00209 U	0.00202 U	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	0.0142 P	0.00104 U	0.00101 U	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	0.021 P	0.00313 U	0.00304 U	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	0.00172 U	0.00167 U	0.00162 U	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	0.00071 U	0.00069 U	0.00067 U	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	0.00323 U	0.00313 U	0.00304 U	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	0.0323 U	0.0313 U	0.0304 U	-	-	-
Chlordane		mg/kg	-	-	-	-	-	0.014 U	0.0136 U	0.0132 U	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	0.00216 U	0.00209 U	0.00202 U	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	0.00216 U	0.00209 U	0.00202 U	-	-	-
Semivolatile Organics by GC/MS													
Acenaphthene	20	mg/kg	-	-	-	-	-	0.13 J	0.14 U	0.027 J	-	-	-
Benzidine		mg/kg	-	-	-	-	-	0.61 U	0.58 U	0.57 U	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	DS B3	GRID I (0-5) DS B4	GRID I (5-10) DS B4	GRID I (10-15) DS B4	GRID J (0-5) CS	GRID J (5-10) CS	GRID J (10-15) CS	GRID J (0-5) DS B1	GRID J (5-10) DS B1	GRID J (10-15) DS B1
SAMPLING DATE	Unrestricted	6	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
LAB SAMPLE ID	Use Criteria	09	L1611673-10	L1611673-11	L1611673-12	L1611673-25	L1611673-26	L1611673-27	L1611673-28	L1611673-29	L1611673-30
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	0.053 U	0.051 U	0.05 U	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	0.066 U	0.063 U	0.062 U	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	0.14 U	0.14 U	0.13 U	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	0.092 U	0.088 U	0.086 U	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	0.073 U	0.07 U	0.068 U	-
Fluoranthene	100	mg/kg	-	-	-	-	-	3.3	0.2	0.32	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	0.22 U	0.21 U	0.21 U	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	0.2 U	0.19 U	0.19 U	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	0.068 U	0.066 U	0.064 U	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	0.53 U	0.5 U	0.49 U	-
Hexachloroethane		mg/kg	-	-	-	-	-	0.089 U	0.086 U	0.084 U	-
Isophorone		mg/kg	-	-	-	-	-	0.062 U	0.059 U	0.058 U	-
Naphthalene	12	mg/kg	-	-	-	-	-	0.14 J	0.18 U	0.037 J	-
Nitrobenzene		mg/kg	-	-	-	-	-	0.082 U	0.078 U	0.077 U	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	0.045 U	0.043 U	0.042 U	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	0.046 U	0.044 U	0.044 U	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Diethyl phthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	1.5	0.1	0.15	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	1.4	0.08 J	0.13	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	1.9	0.1	0.16	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	0.78	0.052	0.087	-
Chrysene	1	mg/kg	-	-	-	-	-	1.7	0.098 J	0.15	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	0.19	0.14 U	0.14 U	-
Anthracene	100	mg/kg	-	-	-	-	-	0.44	0.031 J	0.066 J	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	0.86	0.05 J	0.081 J	-
Fluorene	30	mg/kg	-	-	-	-	-	0.13 J	0.18 U	0.17 U	-
Phenanthrene	100	mg/kg	-	-	-	-	-	2.4	0.15	0.31	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	0.23	0.061 U	0.022 J	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	0.9	0.056 J	0.088	-
Pyrene	100	mg/kg	-	-	-	-	-	2.9	0.17	0.27	-
Biphenyl		mg/kg	-	-	-	-	-	0.42 U	0.4 U	0.39 U	-
4-Chloroaniline		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
2-Nitroaniline		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
3-Nitroaniline		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
4-Nitroaniline		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	0.12 J	0.18 U	0.022 J	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	0.074 J	0.21 U	0.21 U	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
Acetophenone		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	0.1 U	0.1 U	0.098 U	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-
2-Chlorophenol		mg/kg	-	-	-	-	-	0.061 U	0.058 U	0.057 U	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	0.088 U	0.085 U	0.083 U	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	0.18 U	0.17 U	0.16 U	-
2-Nitrophenol		mg/kg	-	-	-	-	-	0.4 U	0.38 U	0.37 U	-
4-Nitrophenol		mg/kg	-	-	-	-	-	0.26 U	0.25 U	0.24 U	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	0.26 U	0.25 U	0.25 U	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	0.26 U	0.25 U	0.25 U	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	0.12 U	0.12 U	0.11 U	-
Phenol	0.33	mg/kg	-	-	-	-	-	0.18 U	0.18 U	0.17 U	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	DS B3	GRID I (0-5) DS B4	GRID I (5-10) DS B4	GRID I (10-15) DS B4	GRID J (0-5) CS	GRID J (5-10) CS	GRID J (10-15) CS	GRID J (0-5) DS B1	GRID J (5-10) DS B1	GRID J (10-15) DS B1
SAMPLING DATE	Unrestricted	6	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
LAB SAMPLE ID	Use Criteria	09	L1611673-10	L1611673-11	L1611673-12	L1611673-25	L1611673-26	L1611673-27	L1611673-28	L1611673-29	L1611673-30
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	0.26	U	0.25	U
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	0.18	U	0.18	U
Benzoic Acid		mg/kg	-	-	-	-	-	0.59	U	0.56	U
Benzyl Alcohol		mg/kg	-	-	-	-	-	0.18	U	0.18	U
Carbazole		mg/kg	-	-	-	-	-	0.25			
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	0.37	U	0.35	U
Benzaldehyde		mg/kg	-	-	-	-	-	0.24	U	0.23	U
Caprolactam		mg/kg	-	-	-	-	-	0.18	U	0.18	U
Atrazine		mg/kg	-	-	-	-	-	0.15	U	0.14	U
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	0.18	U	0.18	U
TCLP Metals by EPA 1311											
Arsenic, TCLP		mg/l	-	-	-	-	-	0.04	J	0.03	J
Barium, TCLP		mg/l	-	-	-	-	-	0.61		0.42	J
Cadmium, TCLP		mg/l	-	-	-	-	-	0.1	U	0.1	U
Chromium, TCLP		mg/l	-	-	-	-	-	0.2	U	0.2	U
Lead, TCLP		mg/l	-	-	-	-	-	0.35	J	0.5	U
Mercury, TCLP		mg/l	-	-	-	-	-	0.001	U	0.001	U
Selenium, TCLP		mg/l	-	-	-	-	-	0.5	U	0.5	U
Silver, TCLP		mg/l	-	-	-	-	-	0.1	U	0.1	U
Total Metals											
Aluminum, Total		mg/kg	-	-	-	-	-	7900		7000	
Antimony, Total		mg/kg	-	-	-	-	-	1.3	J	4.2	U
Arsenic, Total	13	mg/kg	-	-	-	-	-	9.2		4.9	
Barium, Total	350	mg/kg	-	-	-	-	-	180		43	
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	0.35	J	0.33	J
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	0.86	U	0.85	U
Calcium, Total		mg/kg	-	-	-	-	-	8600		590	
Chromium, Total		mg/kg	-	-	-	-	-	20		17	
Cobalt, Total		mg/kg	-	-	-	-	-	5.2		4.6	
Copper, Total	50	mg/kg	-	-	-	-	-	65		13	
Iron, Total		mg/kg	-	-	-	-	-	18000		15000	
Lead, Total	63	mg/kg	-	-	-	-	-	380		4.2	U
Magnesium, Total		mg/kg	-	-	-	-	-	2300		1600	
Manganese, Total	1600	mg/kg	-	-	-	-	-	340		380	
Mercury, Total	0.18	mg/kg	-	-	-	-	-	2.5		0.02	J
Nickel, Total	30	mg/kg	-	-	-	-	-	14		9.8	
Potassium, Total		mg/kg	-	-	-	-	-	700		710	
Selenium, Total	3.9	mg/kg	-	-	-	-	-	1.7	U	1.7	U
Silver, Total	2	mg/kg	-	-	-	-	-	0.31	J	0.85	U
Sodium, Total		mg/kg	-	-	-	-	-	210		68	J
Thallium, Total		mg/kg	-	-	-	-	-	1.7	U	1.7	U
Vanadium, Total		mg/kg	-	-	-	-	-	25		23	
Zinc, Total	109	mg/kg	-	-	-	-	-	200		22	
Volatile Organics by 8260/5035											
Methylene chloride	0.05	mg/kg	U	0.0066	U	0.0051	U	-	-	-	-
1,1-Dichloroethane	0.27	mg/kg	U	0.002	U	0.0015	U	-	-	-	-
Chloroform	0.37	mg/kg	U	0.002	U	0.0015	U	-	-	-	-
Carbon tetrachloride	0.76	mg/kg	U	0.0013	U	0.001	U	-	-	-	-
1,2-Dichloropropane		mg/kg	U	0.0046	U	0.0036	U	-	-	-	-
Dibromochloromethane		mg/kg	U	0.0013	U	0.001	U	-	-	-	-
1,1,2-Trichloroethane		mg/kg	U	0.002	U	0.0015	U	-	-	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	U	0.0013	U	0.001	U	-	-	-	-
Chlorobenzene	1.1	mg/kg	U	0.0013	U	0.001	U	-	-	-	-
Trichlorofluoromethane		mg/kg	U	0.0066	U	0.0051	U	-	-	-	-
1,2-Dichloroethane	0.02	mg/kg	U	0.0013	U	0.001	U	-	-	-	-
1,1,1-Trichloroethane	0.68	mg/kg	U	0.0013	U	0.001	U	-	-	-	-
Bromodichloromethane		mg/kg	U	0.0013	U	0.001	U	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	U	0.0013	U	0.001	U	-	-	-	-
cis-1,3-Dichloropropene		mg/kg	U	0.0013	U	0.001	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	DS B3	GRID I (0-5) DS B4	GRID I (5-10) DS B4	GRID I (10-15) DS B4	GRID J (0-5) CS	GRID J (5-10) CS	GRID J (10-15) CS	GRID J (0-5) DS B1	GRID J (5-10) DS B1	GRID J (10-15) DS B1
SAMPLING DATE	Unrestricted	6	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016	4/20/2016
LAB SAMPLE ID	Use Criteria	09	L1611673-10	L1611673-11	L1611673-12	L1611673-25	L1611673-26	L1611673-27	L1611673-28	L1611673-29	L1611673-30
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	U	0.0053	U	0.0041	U	0.0054	U	0.0038	U
1,1,2,2-Tetrachloroethane		mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.00096	U
Benzene	0.06	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.00096	U
Toluene	0.7	mg/kg	J	0.00036	J	0.0007	J	0.0014	J	0.00034	J
Ethylbenzene	1	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.00096	U
Chloromethane		mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
Bromomethane		mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
Vinyl chloride	0.02	mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
Chloroethane		mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
1,1-Dichloroethene	0.33	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
trans-1,2-Dichloroethene	0.19	mg/kg	U	0.002	U	0.0015	U	0.002	U	0.0016	U
Trichloroethene	0.47	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
1,2-Dichlorobenzene	1.1	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,3-Dichlorobenzene	2.4	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,4-Dichlorobenzene	1.8	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
Methyl tert butyl ether	0.93	mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
p/m-Xylene		mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
o-Xylene		mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
Xylenes, Total	0.26	mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
cis-1,2-Dichloroethene	0.25	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	U	0.0026	U	0.002	U	0.0027	U	0.0022	U
Dichlorodifluoromethane		mg/kg	U	0.013	U	0.01	U	0.014	U	0.011	U
Acetone	0.05	mg/kg	J	0.0048	J	0.0046	J	0.049	U	0.0042	J
Carbon disulfide		mg/kg	U	0.013	U	0.01	U	0.014	U	0.011	U
2-Butanone	0.12	mg/kg	U	0.013	U	0.01	U	0.014	U	0.011	U
Vinyl acetate		mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	U	0.013	U	0.01	U	0.014	U	0.011	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	U	0.013	U	0.01	U	0.014	U	0.011	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	U	0.004	U	0.003	U	0.0041	U	0.0033	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
sec-Butylbenzene	11	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
tert-Butylbenzene	5.9	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
o-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	U	0.004	U	0.003	U	0.0041	U	0.0033	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	U	0.0053	U	0.0041	U	0.0054	U	0.0044	U
n-Propylbenzene	3.9	mg/kg	U	0.0013	U	0.001	U	0.0014	U	0.0011	U
1,2,3-Trichlorobenzene		mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,2,4-Trichlorobenzene		mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,3,5-Trimethylbenzene	8.4	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,2,4-Trimethylbenzene	3.6	mg/kg	U	0.0066	U	0.0051	U	0.0068	U	0.0054	U
1,4-Dioxane	0.1	mg/kg	U	0.13	U	0.1	U	0.14	U	0.11	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		DS B3	GRID I (0-5) DS B4		GRID I (5-10) DS B4		GRID I (10-15) DS B4		GRID J (0-5) CS		GRID J (5-10) CS		GRID J (10-15) CS		GRID J (0-5) DS B1		GRID J (5-10) DS B1		GRID J (10-15) DS B1	
SAMPLING DATE		6		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID		09		L1611673-10		L1611673-11		L1611673-12		L1611673-25		L1611673-26		L1611673-27		L1611673-28		L1611673-29		L1611673-30	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	U	0.033	U	0.025	U	0.034	U	-	-	-	-	-	-	0.027	U	0.024	U	0.024	U
Methyl Acetate		mg/kg	U	0.0053	U	0.0041	U	0.0054	U	-	-	-	-	-	-	0.0044	U	0.0038	U	0.0039	U
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	U	0.026	U	0.02	U	0.027	U	-	-	-	-	-	-	0.022	U	0.019	U	0.019	U
Tert-Butyl Alcohol		mg/kg	U	0.13	U	0.1	U	0.14	U	-	-	-	-	-	-	0.11	U	0.096	U	0.096	U
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	U	0.0053	U	0.0041	U	0.0054	U	-	-	-	-	-	-	0.0044	U	0.0038	U	0.0039	U
Freon-113		mg/kg	U	0.026	U	0.02	U	0.027	U	-	-	-	-	-	-	0.022	U	0.019	U	0.019	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B1		GRID K (5-10)DS B1		GRID K (10-15)DS B1		GRID K (0-5)DS B2		GRID K (5-10)DS B2		GRID K (10-15)DS B2		GRID K (0-5)DS B3		GRID K (5-10)DS B3		GRID K (10-15)DS B3	
SAMPLING DATE	Unrestricted		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID	Use Criteria		L1611673-13		L1611673-14		L1611673-15		L1611673-16		L1611673-17		L1611673-18		L1611673-19		L1611673-20		L1611673-21	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total		%	87.9		91.6		94.1		89.6		91.2		95.1		85.3		86.4		93.9	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids																				
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B1		GRID K (5-10)DS B1		GRID K (10-15)DS B1		GRID K (0-5)DS B2		GRID K (5-10)DS B2		GRID K (10-15)DS B2		GRID K (0-5)DS B3		GRID K (5-10)DS B3		GRID K (10-15)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID			L1611673-13		L1611673-14		L1611673-15		L1611673-16		L1611673-17		L1611673-18		L1611673-19		L1611673-20		L1611673-21	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B1		GRID K (5-10)DS B1		GRID K (10-15)DS B1		GRID K (0-5)DS B2		GRID K (5-10)DS B2		GRID K (10-15)DS B2		GRID K (0-5)DS B3		GRID K (5-10)DS B3		GRID K (10-15)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID			L1611673-13		L1611673-14		L1611673-15		L1611673-16		L1611673-17		L1611673-18		L1611673-19		L1611673-20		L1611673-21	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																				
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,1-Dichloroethane	0.27	mg/kg	0.0015	U	0.0015	U	0.0014	U	0.0016	U	0.0014	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U
Chloroform	0.37	mg/kg	0.0015	U	0.0015	U	0.0014	U	0.001	J	0.0014	U	0.0015	U	0.00061	J	0.0015	U	0.0015	U
Carbon tetrachloride	0.76	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichloropropane		mg/kg	0.0036	U	0.0034	U	0.0034	U	0.0038	U	0.0034	U	0.0036	U	0.0036	U	0.0036	U	0.0035	U
Dibromochloromethane		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1,2-Trichloroethane		mg/kg	0.0015	U	0.0015	U	0.0014	U	0.0016	U	0.0014	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.001	U	0.00097	U	0.00097	U	0.00017	J	0.00096	U	0.001	U	0.00031	J	0.001	U	0.001	U
Chlorobenzene	1.1	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
Trichlorofluoromethane		mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,2-Dichloroethane	0.02	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1,1-Trichloroethane	0.68	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
Bromodichloromethane		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
trans-1,3-Dichloropropene		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
cis-1,3-Dichloropropene		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B1		GRID K (5-10)DS B1		GRID K (10-15)DS B1		GRID K (0-5)DS B2		GRID K (5-10)DS B2		GRID K (10-15)DS B2		GRID K (0-5)DS B3		GRID K (5-10)DS B3		GRID K (10-15)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID			L1611673-13		L1611673-14		L1611673-15		L1611673-16		L1611673-17		L1611673-18		L1611673-19		L1611673-20		L1611673-21	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	0.0041	U	0.0039	U	0.0039	U	0.0043	U	0.0038	U	0.0041	U	0.0041	U	0.0041	U	0.004	U
1,1,2,2-Tetrachloroethane		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
Benzene	0.06	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
Toluene	0.7	mg/kg	0.00028	J	0.0014	J	0.0002	J	0.0003	J	0.00046	J	0.00046	J	0.0002	J	0.00033	J	0.001	J
Ethylbenzene	1	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
Chloromethane		mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
Bromomethane		mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
Vinyl chloride	0.02	mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
Chloroethane		mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethene	0.33	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0015	U	0.0015	U	0.0014	U	0.0016	U	0.0014	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U
Trichloroethene	0.47	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichlorobenzene	1.1	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,3-Dichlorobenzene	2.4	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,4-Dichlorobenzene	1.8	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
Methyl tert butyl ether	0.93	mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
p/m-Xylene		mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
o-Xylene		mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	0.26	mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	0.002	U	0.0019	U	0.0019	U	0.0021	U	0.0019	U	0.0021	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane		mg/kg	0.01	U	0.0097	U	0.0097	U	0.011	U	0.0096	U	0.01	U	0.01	U	0.01	U	0.01	U
Acetone	0.05	mg/kg	0.008	J	0.0059	J	0.0062	J	0.006	J	0.0036	J	0.011	J	0.0022	J	0.0024	J	0.036	U
Carbon disulfide		mg/kg	0.01	U	0.0097	U	0.0097	U	0.011	U	0.0096	U	0.01	U	0.01	U	0.01	U	0.01	U
2-Butanone	0.12	mg/kg	0.01	U	0.0097	U	0.0097	U	0.011	U	0.0096	U	0.01	U	0.01	U	0.01	U	0.01	U
Vinyl acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	0.01	U	0.0097	U	0.0097	U	0.011	U	0.0096	U	0.01	U	0.01	U	0.01	U	0.01	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.01	U	0.0097	U	0.0097	U	0.011	U	0.0096	U	0.01	U	0.01	U	0.01	U	0.01	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	0.003	U	0.0029	U	0.0029	U	0.0032	U	0.0029	U	0.0031	U	0.0031	U	0.003	U	0.003	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
sec-Butylbenzene	11	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
tert-Butylbenzene	5.9	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.003	U	0.0029	U	0.0029	U	0.0032	U	0.0029	U	0.0031	U	0.0031	U	0.003	U	0.003	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	0.0041	U	0.0039	U	0.0039	U	0.0043	U	0.0038	U	0.0041	U	0.0041	U	0.0041	U	0.004	U
n-Propylbenzene	3.9	mg/kg	0.001	U	0.00097	U	0.00097	U	0.0011	U	0.00096	U	0.001	U	0.001	U	0.001	U	0.001	U
1,2,3-Trichlorobenzene		mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,2,4-Trichlorobenzene		mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,3,5-Trimethylbenzene	8.4	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,2,4-Trimethylbenzene	3.6	mg/kg	0.0051	U	0.0049	U	0.0048	U	0.0054	U	0.0048	U	0.0052	U	0.0051	U	0.0051	U	0.005	U
1,4-Dioxane	0.1	mg/kg	0.1	U	0.097	U	0.097	U	0.11	U	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID K (0-5)DS B1		GRID K (5-10)DS B1		GRID K (10-15)DS B1		GRID K (0-5)DS B2		GRID K (5-10)DS B2		GRID K (10-15)DS B2		GRID K (0-5)DS B3		GRID K (5-10)DS B3		GRID K (10-15)DS B3	
SAMPLING DATE			4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016		4/20/2016	
LAB SAMPLE ID			L1611673-13		L1611673-14		L1611673-15		L1611673-16		L1611673-17		L1611673-18		L1611673-19		L1611673-20		L1611673-21	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	0.025	U	0.024	U	0.024	U	0.027	U	0.024	U	0.026	U	0.026	U	0.025	U	0.025	U
Methyl Acetate		mg/kg	0.0041	U	0.0039	U	0.0039	U	0.0043	U	0.0038	U	0.0041	U	0.0041	U	0.0041	U	0.004	U
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	0.02	U	0.019	U	0.019	U	0.021	U	0.019	U	0.021	U	0.02	U	0.02	U	0.02	U
Tert-Butyl Alcohol		mg/kg	0.1	U	0.097	U	0.097	U	0.11	U	0.096	U	0.1	U	0.1	U	0.1	U	0.1	U
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	0.0041	U	0.0039	U	0.0039	U	0.0043	U	0.0038	U	0.0041	U	0.0041	U	0.0041	U	0.004	U
Freon-113		mg/kg	0.02	U	0.019	U	0.019	U	0.021	U	0.019	U	0.021	U	0.02	U	0.02	U	0.02	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B4		GRID K (5-10)DS B4		GRID K (10-15)DS B4		GRID L(0-5)DS B1		GRID L(5-10)DS B1		GRID L(10-15)DS B1		GRID L(0-5)DS B2		GRID L(5-10)DS B2		GRID L(10-15)DS B2	
SAMPLING DATE	Unrestricted		4/20/2016		4/20/2016		4/20/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID	Use Criteria		L1611673-22		L1611673-23		L1611673-24		L1611936-01		L1611936-02		L1611936-03		L1611936-04		L1611936-05		L1611936-06	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total		%	88.8		93.7		94.4		92.5		90.1		87.6		73.4		90.3		91.7	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids																				
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B4		GRID K (5-10)DS B4		GRID K (10-15)DS B4		GRID L(0-5)DS B1		GRID L(5-10)DS B1		GRID L(10-15)DS B1		GRID L(0-5)DS B2		GRID L(5-10)DS B2		GRID L(10-15)DS B2	
SAMPLING DATE	Unrestricted Use Criteria		4/20/2016		4/20/2016		4/20/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611673-22		L1611673-23		L1611673-24		L1611936-01		L1611936-02		L1611936-03		L1611936-04		L1611936-05		L1611936-06	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID K (0-5)DS B4		GRID K (5-10)DS B4		GRID K (10-15)DS B4		GRID L(0-5)DS B1		GRID L(5-10)DS B1		GRID L(10-15)DS B1		GRID L(0-5)DS B2		GRID L(5-10)DS B2		GRID L(10-15)DS B2	
SAMPLING DATE	Unrestricted Use Criteria		4/20/2016		4/20/2016		4/20/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611673-22		L1611673-23		L1611673-24		L1611936-01		L1611936-02		L1611936-03		L1611936-04		L1611936-05		L1611936-06	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																				
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,1-Dichloroethane	0.27	mg/kg	0.0018	U	0.0016	U	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.002	U	0.0017	U	0.0016	U
Chloroform	0.37	mg/kg	0.0018	U	0.0016	U	0.0016	U	0.0015	U	0.0016	U	0.002	U	0.0014	J	0.0017	U	0.0016	U
Carbon tetrachloride	0.76	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,2-Dichloropropane		mg/kg	0.0042	U	0.0037	U	0.0039	U	0.0035	U	0.0037	U	0.0039	U	0.0046	U	0.004	U	0.0038	U
Dibromochloromethane		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,1,2-Trichloroethane		mg/kg	0.0018	U	0.0016	U	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.002	U	0.0017	U	0.0016	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.00089	J	0.00024	J	0.0012	U	0.0011	U
Chlorobenzene	1.1	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
Trichlorofluoromethane		mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,2-Dichloroethane	0.02	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,1,1-Trichloroethane	0.68	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
Bromodichloromethane		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
trans-1,3-Dichloropropene		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
cis-1,3-Dichloropropene		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID K (0-5)DS B4		GRID K (5-10)DS B4		GRID K (10-15)DS B4		GRID L(0-5)DS B1		GRID L(5-10)DS B1		GRID L(10-15)DS B1		GRID L(0-5)DS B2		GRID L(5-10)DS B2		GRID L(10-15)DS B2	
SAMPLING DATE			4/20/2016		4/20/2016		4/20/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID				L1611673-22		L1611673-23		L1611673-24		L1611936-01		L1611936-02		L1611936-03		L1611936-04		L1611936-05		L1611936-06
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	0.0048	U	0.0042	U	0.0044	U	0.004	U	0.0042	U	0.0045	U	0.0052	U	0.0046	U	0.0044	U
1,1,2,2-Tetrachloroethane		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
Benzene	0.06	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
Toluene	0.7	mg/kg	0.001	J	0.00042	J	0.00039	J	0.00046	J	0.00058	J	0.00047	J	0.00042	J	0.00064	J	0.0004	J
Ethylbenzene	1	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
Chloromethane		mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
Bromomethane		mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
Vinyl chloride	0.02	mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
Chloroethane		mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
1,1-Dichloroethene	0.33	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0018	U	0.0016	U	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.002	U	0.0017	U	0.0016	U
Trichloroethene	0.47	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,2-Dichlorobenzene	1.1	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,3-Dichlorobenzene	2.4	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,4-Dichlorobenzene	1.8	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
Methyl tert butyl ether	0.93	mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
p/m-Xylene		mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
o-Xylene		mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
Xylenes, Total	0.26	mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	0.0024	U	0.0021	U	0.0022	U	0.002	U	0.0021	U	0.0022	U	0.0026	U	0.0023	U	0.0022	U
Dichlorodifluoromethane		mg/kg	0.012	U	0.01	U	0.011	U	0.01	U	0.01	U	0.011	U	0.013	U	0.012	U	0.011	U
Acetone	0.05	mg/kg	0.0033	J	0.038	J	0.0014	J	0.0027	J	0.0031	J	0.0028	J	0.047	U	0.0031	J	0.007	J
Carbon disulfide		mg/kg	0.012	U	0.01	U	0.011	U	0.01	U	0.01	U	0.011	U	0.013	U	0.012	U	0.011	U
2-Butanone	0.12	mg/kg	0.012	U	0.01	U	0.011	U	0.01	U	0.01	U	0.011	U	0.013	U	0.012	U	0.011	U
Vinyl acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	0.012	U	0.01	U	0.011	U	0.01	U	0.01	U	0.011	U	0.013	U	0.012	U	0.011	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.012	U	0.01	U	0.011	U	0.01	U	0.01	U	0.011	U	0.013	U	0.012	U	0.011	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	0.0036	U	0.0031	U	0.0033	U	0.003	U	0.0031	U	0.0034	U	0.0039	U	0.0035	U	0.0033	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
sec-Butylbenzene	11	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
tert-Butylbenzene	5.9	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
o-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.0036	U	0.0031	U	0.0033	U	0.003	U	0.0031	U	0.0034	U	0.0039	U	0.0035	U	0.0033	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	0.0048	U	0.0042	U	0.0044	U	0.004	U	0.0042	U	0.0045	U	0.0052	U	0.0046	U	0.0044	U
n-Propylbenzene	3.9	mg/kg	0.0012	U	0.001	U	0.0011	U	0.001	U	0.001	U	0.0011	U	0.0013	U	0.0012	U	0.0011	U
1,2,3-Trichlorobenzene		mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,2,4-Trichlorobenzene		mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,3,5-Trimethylbenzene	8.4	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,2,4-Trimethylbenzene	3.6	mg/kg	0.006	U	0.0052	U	0.0055	U	0.005	U	0.0052	U	0.0056	U	0.0065	U	0.0058	U	0.0054	U
1,4-Dioxane	0.1	mg/kg	0.12	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U	0.13	U	0.12	U	0.11	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID K (0-5)DS B4		GRID K (5-10)DS B4		GRID K (10-15)DS B4		GRID L(0-5)DS B1		GRID L(5-10)DS B1		GRID L(10-15)DS B1		GRID L(0-5)DS B2		GRID L(5-10)DS B2		GRID L(10-15)DS B2	
SAMPLING DATE			4/20/2016		4/20/2016		4/20/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611673-22		L1611673-23		L1611673-24		L1611936-01		L1611936-02		L1611936-03		L1611936-04		L1611936-05		L1611936-06	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	0.03	U	0.026	U	0.028	U	0.025	U	0.026	U	0.028	U	0.033	U	0.029	U	0.027	U
Methyl Acetate		mg/kg	0.0048	U	0.0042	U	0.0044	U	0.004	U	0.0042	U	0.0045	U	0.0052	U	0.0046	U	0.0044	U
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	0.024	U	0.021	U	0.022	U	0.02	U	0.021	U	0.022	U	0.026	U	0.023	U	0.022	U
Tert-Butyl Alcohol		mg/kg	0.12	U	0.1	U	0.11	U	0.1	U	0.1	U	0.11	U	0.13	U	0.12	U	0.0033	J
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	0.0048	U	0.0042	U	0.0044	U	0.004	U	0.0042	U	0.0045	U	0.0052	U	0.0046	U	0.0044	U
Freon-113		mg/kg	0.024	U	0.021	U	0.022	U	0.02	U	0.021	U	0.022	U	0.026	U	0.023	U	0.022	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID L(0-5)DS B3		GRID L(5-10)DS B3		GRID L(10-15)DS B3		GRID L(0-5)DS B4		GRID L(5-10)DS B4		GRID L(10-15)DS B4		GRID M(5-10)CS		GRID M(0-5)DS B3		GRID M(5-10)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611936-07		L1611936-08		L1611936-09		L1611936-10		L1611936-11		L1611936-12		L1611936-17		L1611936-18		L1611936-19	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.185	U	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.185	U	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.185	U	-	-	-	-
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	21		-	-	-	-
Solids, Total		%	86		90.5		84.6		92.5		89.4		87.4		88.6		92.8		85.6	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1.1	U	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	8.2		-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	10	U	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	10	U	-	-	-	-
Ignitability of Solids																				
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	NI	NI	-	-	-	-
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.9	U	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	8.3		-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	120		-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0129	J	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0367	U	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0129	J	-	-	-	-
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0009	U	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00338	U	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00225	U	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00113	U	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00298	J	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0018	U	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00338	U	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0338	U	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0146	U	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00225	U	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.00225	U	-	-	-	-
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.035	J	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.61	U	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID L(0-5)DS B3		GRID L(5-10)DS B3		GRID L(10-15)DS B3		GRID L(0-5)DS B4		GRID L(5-10)DS B4		GRID L(10-15)DS B4		GRID M(5-10)CS		GRID M(0-5)DS B3		GRID M(5-10)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611936-07		L1611936-08		L1611936-09		L1611936-10		L1611936-11		L1611936-12		L1611936-17		L1611936-18		L1611936-19	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.053	U	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.066	U	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.092	U	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.073	U	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.32		-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.22	U	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.2	U	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.068	U	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.53	U	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.09	U	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.062	U	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.036	J	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.082	U	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.045	U	-	-	-	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.046	U	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.044	J	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.15		-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	J	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.15		-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.069		-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.14		-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.086	J	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.068	J	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.033	J	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.32		-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.064	U	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.083		-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.27		-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.42	U	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.03	J	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.22	U	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.061	U	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.088	U	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.4	U	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.26	U	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.26	U	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.26	U	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID L(0-5)DS B3		GRID L(5-10)DS B3		GRID L(10-15)DS B3		GRID L(0-5)DS B4		GRID L(5-10)DS B4		GRID L(10-15)DS B4		GRID M(5-10)CS		GRID M(0-5)DS B3		GRID M(5-10)DS B3	
SAMPLING DATE	Unrestricted		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID	Use Criteria		L1611936-07		L1611936-08		L1611936-09		L1611936-10		L1611936-11		L1611936-12		L1611936-17		L1611936-18		L1611936-19	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.26	U	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.59	U	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.042	J	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.37	U	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.24	U	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.09	J	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.15	J	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.2	U	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.5	U	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.0004	J	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.5	U	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-
Total Metals																				
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	9000		-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	4.4	U	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	6.6		-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	48		-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.37	J	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.87	U	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	2300		-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	21		-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	6.2		-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	25		-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	16000	B	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	31		-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1600		-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	360		-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.34		-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	16		-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	590		-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1.7	U	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.87	U	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	200		-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1.7	U	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	28		-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	130		-	-	-	-
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,1-Dichloroethane	0.27	mg/kg	0.0017	U	0.0016	U	0.0017	U	0.0014	U	0.002	U	0.0022	U	-	-	0.0014	U	0.0015	U
Chloroform	0.37	mg/kg	0.0017	U	0.0016	U	0.0017	U	0.0014	U	0.002	U	0.0022	U	-	-	0.0014	U	0.0015	U
Carbon tetrachloride	0.76	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,2-Dichloropropane		mg/kg	0.0039	U	0.0038	U	0.004	U	0.0033	U	0.0048	U	0.0053	U	-	-	0.0032	U	0.0035	U
Dibromochloromethane		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,1,2-Trichloroethane		mg/kg	0.0017	U	0.0016	U	0.0017	U	0.0014	U	0.002	U	0.0022	U	-	-	0.0014	U	0.0015	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00043	J	0.00099	U
Chlorobenzene	1.1	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
Trichlorofluoromethane		mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,2-Dichloroethane	0.02	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,1,1-Trichloroethane	0.68	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
Bromodichloromethane		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
trans-1,3-Dichloropropene		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
cis-1,3-Dichloropropene		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID L(0-5)DS B3		GRID L(5-10)DS B3		GRID L(10-15)DS B3		GRID L(0-5)DS B4		GRID L(5-10)DS B4		GRID L(10-15)DS B4		GRID M(5-10)CS		GRID M(0-5)DS B3		GRID M(5-10)DS B3	
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611936-07		L1611936-08		L1611936-09		L1611936-10		L1611936-11		L1611936-12		L1611936-17		L1611936-18		L1611936-19	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	0.0045	U	0.0043	U	0.0046	U	0.0038	U	0.0054	U	0.006	U	-	-	0.0036	U	0.004	U
1,1,2,2-Tetrachloroethane		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
Benzene	0.06	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
Toluene	0.7	mg/kg	0.00036	J	0.00074	J	0.00051	J	0.00038	J	0.0017	J	0.0027	U	-	-	0.0008	J	0.00064	J
Ethylbenzene	1	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
Chloromethane		mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
Bromomethane		mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
Vinyl chloride	0.02	mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
Chloroethane		mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
1,1-Dichloroethene	0.33	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0017	U	0.0016	U	0.0017	U	0.0014	U	0.002	U	0.0022	U	-	-	0.0014	U	0.0015	U
Trichloroethene	0.47	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,2-Dichlorobenzene	1.1	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,3-Dichlorobenzene	2.4	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,4-Dichlorobenzene	1.8	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
Methyl tert butyl ether	0.93	mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
p/m-Xylene		mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
o-Xylene		mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
Xylenes, Total	0.26	mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	0.0022	U	0.0022	U	0.0023	U	0.0019	U	0.0027	U	0.003	U	-	-	0.0018	U	0.002	U
Dichlorodifluoromethane		mg/kg	0.011	U	0.011	U	0.012	U	0.0095	U	0.014	U	0.015	U	-	-	0.0091	U	0.0099	U
Acetone	0.05	mg/kg	0.0037	J	0.0042	J	0.0032	J	0.01	J	0.024	J	0.0097	J	-	-	0.013	J	0.0072	J
Carbon disulfide		mg/kg	0.011	U	0.011	U	0.012	U	0.0095	U	0.014	U	0.015	U	-	-	0.0091	U	0.0099	U
2-Butanone	0.12	mg/kg	0.011	U	0.011	U	0.012	U	0.0095	U	0.014	U	0.015	U	-	-	0.0091	U	0.0099	U
Vinyl acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	0.011	U	0.011	U	0.012	U	0.0095	U	0.014	U	0.015	U	-	-	0.0091	U	0.0099	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.011	U	0.011	U	0.012	U	0.0095	U	0.014	U	0.015	U	-	-	0.0091	U	0.0099	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	0.0034	U	0.0032	U	0.0035	U	0.0028	U	0.0041	U	0.0045	U	-	-	0.0027	U	0.003	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
sec-Butylbenzene	11	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
tert-Butylbenzene	5.9	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.0034	U	0.0032	U	0.0035	U	0.0028	U	0.0041	U	0.0045	U	-	-	0.0027	U	0.003	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	0.0045	U	0.0043	U	0.0046	U	0.0038	U	0.0054	U	0.006	U	-	-	0.0036	U	0.004	U
n-Propylbenzene	3.9	mg/kg	0.0011	U	0.0011	U	0.0012	U	0.00095	U	0.0014	U	0.0015	U	-	-	0.00091	U	0.00099	U
1,2,3-Trichlorobenzene		mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,2,4-Trichlorobenzene		mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,3,5-Trimethylbenzene	8.4	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,2,4-Trimethylbenzene	3.6	mg/kg	0.0056	U	0.0054	U	0.0058	U	0.0047	U	0.0068	U	0.0075	U	-	-	0.0046	U	0.005	U
1,4-Dioxane	0.1	mg/kg	0.11	U	0.11	U	0.12	U	0.095	U	0.14	U	0.15	U	-	-	0.091	U	0.099	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID L(0-5)DS B3		GRID L(5-10)DS B3		GRID L(10-15)DS B3		GRID L(0-5)DS B4		GRID L(5-10)DS B4		GRID L(10-15)DS B4		GRID M(5-10)CS		GRID M(0-5)DS B3		GRID M(5-10)DS B3	
SAMPLING DATE			4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1611936-07		L1611936-08		L1611936-09		L1611936-10		L1611936-11		L1611936-12		L1611936-17		L1611936-18		L1611936-19	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	0.028	U	0.027	U	0.029	U	0.024	U	0.034	U	0.038	U	-	-	0.023	U	0.025	U
Methyl Acetate		mg/kg	0.0045	U	0.0043	U	0.0046	U	0.0038	U	0.0054	U	0.006	U	-	-	0.0036	U	0.004	U
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	0.022	U	0.022	U	0.023	U	0.019	U	0.027	U	0.03	U	-	-	0.018	U	0.02	U
Tert-Butyl Alcohol		mg/kg	0.11	U	0.11	U	0.12	U	0.095	U	0.14	U	0.15	U	-	-	0.091	U	0.099	U
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	0.0045	U	0.0043	U	0.0046	U	0.0038	U	0.0054	U	0.006	U	-	-	0.0036	U	0.004	U
Freon-113		mg/kg	0.022	U	0.022	U	0.023	U	0.019	U	0.027	U	0.03	U	-	-	0.018	U	0.02	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID M(10-15)DS B3		GRID N(5-10)CS		GRID N(0-5)DS B2		GRID N(5-10)DS B2		GRID N(10-15)DS B2		GRID O(0-5)CS		GRID O(0-5)CS		GRID O(0-5)CS		GRID O(0-5)CS		GRID O(5-10)CS	
SAMPLING DATE	Unrestricted		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID	Use Criteria		L1611936-20		L1611936-13		L1611936-14		L1611936-15		L1611936-16		L1613266-08		L1613266-08 R1		L1613266-08 R2		L1613266-08 R3		L1613266-09	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D		mg/kg	-	-	0.185	U	-	-	-	-	-	-	0.215	U	-	-	-	-	-	-	0.18	U
2,4,5-T		mg/kg	-	-	0.185	U	-	-	-	-	-	-	0.215	U	-	-	-	-	-	-	0.18	U
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	0.185	U	-	-	-	-	-	-	0.215	U	-	-	-	-	-	-	0.18	U
Gasoline Range Organics																						
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																						
Chromium, Trivalent	30	mg/kg	-	-	18		-	-	-	-	-	-	19		-	-	-	-	-	-	10	
Solids, Total		%	82		89.2		82.7		87.6		95.2		75.8		-	-	-	-	-	-	91	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	1	U	-	-	-	-	-	-	1.3	U	-	-	-	-	-	-	1	U
pH (H)		SU	-	-	10.4		-	-	-	-	-	-	11.4		-	-	-	-	-	-	8.8	
Cyanide, Reactive		mg/kg	-	-	10	U	-	-	-	-	-	-	10	U	-	-	-	-	-	-	10	U
Sulfide, Reactive		mg/kg	-	-	10	U	-	-	-	-	-	-	10	U	-	-	-	-	-	-	10	U
Ignitability of Solids																						
Ignitability			-	-	NI	NI	-	-	-	-	-	-	NI	NI	-	-	-	-	-	-	NI	NI
NJ Hexavalent Chromium																						
Chromium, Hexavalent	1	mg/kg	-	-	0.22	J	-	-	-	-	-	-	2.7		-	-	-	-	-	-	0.88	U
pH		SU	-	-	10.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	30		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																						
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																						
Aroclor 1016	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1221	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1232	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1242	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1248	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1254	0.1	mg/kg	-	-	0.0196	J	-	-	-	-	-	-	4.11		-	-	-	-	-	-	0.0389	
Aroclor 1260	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1262	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
Aroclor 1268	0.1	mg/kg	-	-	0.0367	U	-	-	-	-	-	-	0.426	U	-	-	-	-	-	-	0.036	U
PCBs, Total		mg/kg	-	-	0.0196	J	-	-	-	-	-	-	4.11		-	-	-	-	-	-	0.0389	
Pesticides by GC																						
Delta-BHC	0.04	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Lindane	0.1	mg/kg	-	-	0.00074	U	-	-	-	-	-	-	0.00084	U	-	-	-	-	-	-	0.00072	U
Alpha-BHC	0.02	mg/kg	-	-	0.00074	U	-	-	-	-	-	-	0.00084	U	-	-	-	-	-	-	0.00072	U
Beta-BHC	0.036	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Heptachlor	0.042	mg/kg	-	-	0.00089	U	-	-	-	-	-	-	0.00101	U	-	-	-	-	-	-	0.00087	U
Aldrin	0.005	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Heptachlor epoxide		mg/kg	-	-	0.00334	U	-	-	-	-	-	-	0.00379	U	-	-	-	-	-	-	0.00192	J
Endrin	0.014	mg/kg	-	-	0.00074	U	-	-	-	-	-	-	0.00084	U	-	-	-	-	-	-	0.00072	U
Endrin aldehyde		mg/kg	-	-	0.00223	U	-	-	-	-	-	-	0.00253	U	-	-	-	-	-	-	0.00218	U
Endrin ketone		mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Dieldrin	0.005	mg/kg	-	-	0.00111	U	-	-	-	-	-	-	0.00126	U	-	-	-	-	-	-	0.00145	PI
4,4'-DDE	0.0033	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.011	
4,4'-DDD	0.0033	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
4,4'-DDT	0.0033	mg/kg	-	-	0.00334	U	-	-	-	-	-	-	0.00379	U	-	-	-	-	-	-	0.0457	
Endosulfan I	2.4	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Endosulfan II	2.4	mg/kg	-	-	0.00178	U	-	-	-	-	-	-	0.00202	U	-	-	-	-	-	-	0.00175	U
Endosulfan sulfate	2.4	mg/kg	-	-	0.00074	U	-	-	-	-	-	-	0.00084	U	-	-	-	-	-	-	0.00072	U
Methoxychlor		mg/kg	-	-	0.00334	U	-	-	-	-	-	-	0.00379	U	-	-	-	-	-	-	0.00327	U
Toxaphene		mg/kg	-	-	0.0334	U	-	-	-	-	-	-	0.0379	U	-	-	-	-	-	-	0.0327	U
Chlordane		mg/kg	-	-	0.0145	U	-	-	-	-	-	-	0.0164	U	-	-	-	-	-	-	0.0605	PI
cis-Chlordane	0.094	mg/kg	-	-	0.00223	U	-	-	-	-	-	-	0.00253	U	-	-	-	-	-	-	0.0108	
trans-Chlordane		mg/kg	-	-	0.00223	U	-	-	-	-	-	-	0.00253	U	-	-	-	-	-	-	0.00828	PI
Semivolatile Organics by GC/MS																						
Acenaphthene	20	mg/kg	-	-	0.55		-	-	-	-	-	-	3.2		4.1		-	-	-	-	0.052	J
Benzidine		mg/kg	-	-	0.6	U	-	-	-	-	-	-	1.4	U	2.9	U	-	-	-	-	0.59	U
1,2,4-Trichlorobenzene		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Azobenzene		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID M(10-15)DS B3		GRID N(5-10)CS		GRID N(0-5)DS B2		GRID N(5-10)DS B2		GRID N(10-15)DS B2		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (5-10) CS	
SAMPLING DATE			4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID			L1611936-20		L1611936-13		L1611936-14		L1611936-15		L1611936-16		L1613266-08		L1613266-08 R1		L1613266-08 R2		L1613266-08 R3		L1613266-09	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	0.053	U	-	-	-	-	-	-	0.12	U	0.25	U	-	-	-	-	0.051	U
Bis(2-chloroethyl)ether		mg/kg	-	-	0.066	U	-	-	-	-	-	-	0.16	U	0.32	U	-	-	-	-	0.064	U
2-Chloronaphthalene		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	0.14	U	-	-	-	-	-	-	0.33	U	0.67	U	-	-	-	-	0.14	U
2,4-Dinitrotoluene		mg/kg	-	-	0.091	U	-	-	-	-	-	-	0.22	U	0.44	U	-	-	-	-	0.089	U
2,6-Dinitrotoluene		mg/kg	-	-	0.072	U	-	-	-	-	-	-	0.17	U	0.35	U	-	-	-	-	0.071	U
Fluoranthene	100	mg/kg	-	-	6.8	-	-	-	-	-	-	-	26	E	36	E	27	-	28	-	0.56	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
4-Bromophenyl phenyl ether		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Bis(2-chloroisopropyl)ether		mg/kg	-	-	0.22	U	-	-	-	-	-	-	0.52	U	1	U	-	-	-	-	0.21	U
Bis(2-chloroethoxy)methane		mg/kg	-	-	0.2	U	-	-	-	-	-	-	0.47	U	0.94	U	-	-	-	-	0.19	U
Hexachlorobutadiene		mg/kg	-	-	0.068	U	-	-	-	-	-	-	0.16	U	0.32	U	-	-	-	-	0.066	U
Hexachlorocyclopentadiene		mg/kg	-	-	0.52	U	-	-	-	-	-	-	1.2	U	2.5	U	-	-	-	-	0.51	U
Hexachloroethane		mg/kg	-	-	0.089	U	-	-	-	-	-	-	0.21	U	0.42	U	-	-	-	-	0.087	U
Isophorone		mg/kg	-	-	0.061	U	-	-	-	-	-	-	0.14	U	0.29	U	-	-	-	-	0.06	U
Naphthalene	12	mg/kg	-	-	0.12	J	-	-	-	-	-	-	1.2	-	2.1	-	-	-	-	-	0.035	J
Nitrobenzene		mg/kg	-	-	0.081	U	-	-	-	-	-	-	0.19	U	0.39	U	-	-	-	-	0.079	U
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	0.045	U	-	-	-	-	-	-	0.11	U	0.22	U	-	-	-	-	0.044	U
n-Nitrosodi-n-propylamine		mg/kg	-	-	0.046	U	-	-	-	-	-	-	0.11	U	0.22	U	-	-	-	-	0.045	U
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	0.16	J	-	-	-	-	-	-	0.59	-	0.57	J	-	-	-	-	0.29	-
Butyl benzyl phthalate		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.14	J	0.88	U	-	-	-	-	0.68	-
Di-n-butylphthalate		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.027	J
Di-n-octylphthalate		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Diethyl phthalate		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Dimethyl phthalate		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Benzo(a)anthracene	1	mg/kg	-	-	3.2	-	-	-	-	-	-	-	11	-	15	-	-	-	-	-	0.22	-
Benzo(a)pyrene	1	mg/kg	-	-	2.5	-	-	-	-	-	-	-	10	-	15	-	-	-	-	-	0.22	-
Benzo(b)fluoranthene	1	mg/kg	-	-	3.4	-	-	-	-	-	-	-	12	-	19	-	-	-	-	-	0.28	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	1.3	-	-	-	-	-	-	-	5.3	-	7.3	-	-	-	-	-	0.12	-
Chrysene	1	mg/kg	-	-	3	-	-	-	-	-	-	-	11	-	13	-	-	-	-	-	0.22	-
Acenaphthylene	100	mg/kg	-	-	0.18	-	-	-	-	-	-	-	0.1	J	0.21	J	-	-	-	-	0.14	U
Anthracene	100	mg/kg	-	-	1.3	-	-	-	-	-	-	-	5.2	-	6.9	-	-	-	-	-	0.094	J
Benzo(ghi)perylene	100	mg/kg	-	-	1.6	-	-	-	-	-	-	-	6.5	-	8.9	-	-	-	-	-	0.14	-
Fluorene	30	mg/kg	-	-	0.36	-	-	-	-	-	-	-	1.8	-	2.6	-	-	-	-	-	0.033	J
Phenanthrene	100	mg/kg	-	-	5.9	-	-	-	-	-	-	-	20	E	27	-	-	-	20	-	0.42	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	0.41	-	-	-	-	-	-	-	1.4	-	2.1	-	-	-	-	-	0.033	J
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	1.8	-	-	-	-	-	-	-	6.5	-	7.6	-	-	-	-	-	0.12	-
Pyrene	100	mg/kg	-	-	5.6	-	-	-	-	-	-	-	23	E	31	-	-	-	24	-	0.45	-
Biphenyl		mg/kg	-	-	0.42	U	-	-	-	-	-	-	0.19	J	0.26	J	-	-	-	-	0.41	U
4-Chloroaniline		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
2-Nitroaniline		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
3-Nitroaniline		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
4-Nitroaniline		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Dibenzofuran	7	mg/kg	-	-	0.38	-	-	-	-	-	-	-	1.3	-	2.1	-	-	-	-	-	0.027	J
2-Methylnaphthalene		mg/kg	-	-	0.094	J	-	-	-	-	-	-	0.48	J	0.79	J	-	-	-	-	0.02	J
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
Acetophenone		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.25	J	-	-	-	-	0.18	U
2,4,6-Trichlorophenol		mg/kg	-	-	0.1	U	-	-	-	-	-	-	0.25	U	0.5	U	-	-	-	-	0.1	U
P-Chloro-M-Cresol		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U
2-Chlorophenol		mg/kg	-	-	0.06	U	-	-	-	-	-	-	0.14	U	0.29	U	-	-	-	-	0.059	U
2,4-Dichlorophenol		mg/kg	-	-	0.088	U	-	-	-	-	-	-	0.21	U	0.42	U	-	-	-	-	0.086	U
2,4-Dimethylphenol		mg/kg	-	-	0.17	U	-	-	-	-	-	-	0.41	U	0.84	U	-	-	-	-	0.17	U
2-Nitrophenol		mg/kg	-	-	0.39	U	-	-	-	-	-	-	0.93	U	1.9	U	-	-	-	-	0.38	U
4-Nitrophenol		mg/kg	-	-	0.26	U	-	-	-	-	-	-	0.6	U	1.2	U	-	-	-	-	0.25	U
2,4-Dinitrophenol		mg/kg	-	-	0.26	U	-	-	-	-	-	-	0.62	U	1.3	U	-	-	-	-	0.26	U
4,6-Dinitro-o-cresol		mg/kg	-	-	0.26	U	-	-	-	-	-	-	0.62	U	1.3	U	-	-	-	-	0.26	U
Pentachlorophenol	0.8	mg/kg	-	-	0.12	U	-	-	-	-	-	-	0.28	U	0.58	U	-	-	-	-	0.12	U
Phenol	0.33	mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	0.18	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID M(10-15)DS B3		GRID N(5-10)CS		GRID N(0-5)DS B2		GRID N(5-10)DS B2		GRID N(10-15)DS B2		GRID O(0-5) CS		GRID O(0-5) CS		GRID O(0-5) CS		GRID O(0-5) CS		GRID O(5-10)CS		
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		
LAB SAMPLE ID			L1611936-20		L1611936-13		L1611936-14		L1611936-15		L1611936-16		L1613266-08		L1613266-08 R1		L1613266-08 R2		L1613266-08 R3		L1613266-09		
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
2-Methylphenol	0.33	mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	-	0.18	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	0.26	U	-	-	-	-	-	-	0.62	U	1.3	U	-	-	-	-	-	0.26	U
2,4,5-Trichlorophenol		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	-	0.18	U
Benzoic Acid		mg/kg	-	-	0.58	U	-	-	-	-	-	-	1.4	U	2.8	U	-	-	-	-	-	0.57	U
Benzyl Alcohol		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	-	0.18	U
Carbazole		mg/kg	-	-	0.69		-	-	-	-	-	-	2.5		3.5		-	-	-	-	-	0.052	J
n-Nitrosodimethylamine		mg/kg	-	-	0.36	U	-	-	-	-	-	-	0.86	U	1.8	U	-	-	-	-	-	0.36	U
Benzaldehyde		mg/kg	-	-	0.24	U	-	-	-	-	-	-	0.57	U	1.2	U	-	-	-	-	-	0.24	U
Caprolactam		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	-	0.18	U
Atrazine		mg/kg	-	-	0.15	U	-	-	-	-	-	-	0.34	U	0.7	U	-	-	-	-	-	0.14	U
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	0.18	U	-	-	-	-	-	-	0.43	U	0.88	U	-	-	-	-	-	0.18	U
TCLP Metals by EPA 1311																							
Arsenic, TCLP		mg/l	-	-	0.12	J	-	-	-	-	-	-	0.03	J	-	-	-	-	-	-	-	0.04	J
Barium, TCLP		mg/l	-	-	0.29	J	-	-	-	-	-	-	0.15	J	-	-	-	-	-	-	-	0.24	J
Cadmium, TCLP		mg/l	-	-	0.1	U	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	0.01	J
Chromium, TCLP		mg/l	-	-	0.2	U	-	-	-	-	-	-	0.34		-	-	-	-	-	-	-	0.04	J
Lead, TCLP		mg/l	-	-	0.52		-	-	-	-	-	-	0.04	J	-	-	-	-	-	-	-	0.04	J
Mercury, TCLP		mg/l	-	-	0.001	U	-	-	-	-	-	-	0.001	U	-	-	-	-	-	-	-	0.001	U
Selenium, TCLP		mg/l	-	-	0.5	U	-	-	-	-	-	-	0.5	U	-	-	-	-	-	-	-	0.5	U
Silver, TCLP		mg/l	-	-	0.1	U	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	0.1	U
Total Metals																							
Aluminum, Total		mg/kg	-	-	7300		-	-	-	-	-	-	4800		-	-	-	-	-	-	-	5000	
Antimony, Total		mg/kg	-	-	2.7	J	-	-	-	-	-	-	2.2	J	-	-	-	-	-	-	-	4.3	U
Arsenic, Total	13	mg/kg	-	-	8.2		-	-	-	-	-	-	12		-	-	-	-	-	-	-	4.1	
Barium, Total	350	mg/kg	-	-	220		-	-	-	-	-	-	65		-	-	-	-	-	-	-	100	
Beryllium, Total	7.2	mg/kg	-	-	0.33	J	-	-	-	-	-	-	0.14	J	-	-	-	-	-	-	-	0.19	J
Cadmium, Total	2.5	mg/kg	-	-	0.87	U	-	-	-	-	-	-	1	U	-	-	-	-	-	-	-	0.86	U
Calcium, Total		mg/kg	-	-	9300		-	-	-	-	-	-	34000		-	-	-	-	-	-	-	6800	
Chromium, Total		mg/kg	-	-	18		-	-	-	-	-	-	22		-	-	-	-	-	-	-	10	
Cobalt, Total		mg/kg	-	-	4.3		-	-	-	-	-	-	3.5		-	-	-	-	-	-	-	4	
Copper, Total	50	mg/kg	-	-	91		-	-	-	-	-	-	34		-	-	-	-	-	-	-	15	
Iron, Total		mg/kg	-	-	16000	B	-	-	-	-	-	-	8500		-	-	-	-	-	-	-	11000	
Lead, Total	63	mg/kg	-	-	420		-	-	-	-	-	-	37		-	-	-	-	-	-	-	17	
Magnesium, Total		mg/kg	-	-	2600		-	-	-	-	-	-	2400		-	-	-	-	-	-	-	1400	
Manganese, Total	1600	mg/kg	-	-	450		-	-	-	-	-	-	150		-	-	-	-	-	-	-	190	
Mercury, Total	0.18	mg/kg	-	-	0.46		-	-	-	-	-	-	0.21		-	-	-	-	-	-	-	0.08	
Nickel, Total	30	mg/kg	-	-	13		-	-	-	-	-	-	12		-	-	-	-	-	-	-	8.8	
Potassium, Total		mg/kg	-	-	660		-	-	-	-	-	-	650		-	-	-	-	-	-	-	600	
Selenium, Total	3.9	mg/kg	-	-	1.7	U	-	-	-	-	-	-	2.1	U	-	-	-	-	-	-	-	1.7	U
Silver, Total	2	mg/kg	-	-	0.21	J	-	-	-	-	-	-	1	U	-	-	-	-	-	-	-	0.86	U
Sodium, Total		mg/kg	-	-	410		-	-	-	-	-	-	430		-	-	-	-	-	-	-	260	
Thallium, Total		mg/kg	-	-	1.7	U	-	-	-	-	-	-	2.1	U	-	-	-	-	-	-	-	1.7	U
Vanadium, Total		mg/kg	-	-	21		-	-	-	-	-	-	18		-	-	-	-	-	-	-	15	
Zinc, Total	109	mg/kg	-	-	200		-	-	-	-	-	-	160		-	-	-	-	-	-	-	110	
Volatile Organics by 8260/5035																							
Methylene chloride	0.05	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	0.27	mg/kg	0.0016	U	-	-	0.0016	U	0.0019	U	0.0014	U	-	-	-	-	-	-	-	-	-	-	-
Chloroform	0.37	mg/kg	0.0016	U	-	-	0.0016	U	0.0019	U	0.0014	U	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	0.76	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane		mg/kg	0.0036	U	-	-	0.0036	U	0.0043	U	0.0033	U	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane		mg/kg	0.0016	U	-	-	0.0016	U	0.0019	U	0.0014	U	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	1.1	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane		mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.02	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	0.68	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID M(10-15)DS B3		GRID N(5-10)CS		GRID N(0-5)DS B2		GRID N(5-10)DS B2		GRID N(10-15)DS B2		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (5-10) CS	
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID			L1611936-20		L1611936-13		L1611936-14		L1611936-15		L1611936-16		L1613266-08		L1613266-08 R1		L1613266-08 R2		L1613266-08 R3		L1613266-09	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	0.0041	U	-	-	0.0042	U	0.005	U	0.0038	U	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
Benzene	0.06	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
Toluene	0.7	mg/kg	0.0016	U	-	-	0.00099	J	0.0012	J	0.00036	J	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	1	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
Chloromethane		mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
Bromomethane		mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	0.02	mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
Chloroethane		mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	0.33	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	0.19	mg/kg	0.0016	U	-	-	0.0016	U	0.0019	U	0.0014	U	-	-	-	-	-	-	-	-	-	-
Trichloroethene	0.47	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	0.93	mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
p/m-Xylene		mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
o-Xylene		mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	0.26	mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	0.0021	U	-	-	0.0021	U	0.0025	U	0.0019	U	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane		mg/kg	0.01	U	-	-	0.01	U	0.012	U	0.0094	U	-	-	-	-	-	-	-	-	-	-
Acetone	0.05	mg/kg	0.003	J	-	-	0.0065	J	0.01	J	0.0033	J	-	-	-	-	-	-	-	-	-	-
Carbon disulfide		mg/kg	0.01	U	-	-	0.01	U	0.012	U	0.0094	U	-	-	-	-	-	-	-	-	-	-
2-Butanone	0.12	mg/kg	0.01	U	-	-	0.01	U	0.012	U	0.0094	U	-	-	-	-	-	-	-	-	-	-
Vinyl acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	0.01	U	-	-	0.01	U	0.012	U	0.0094	U	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.01	U	-	-	0.01	U	0.012	U	0.0094	U	-	-	-	-	-	-	-	-	-	-
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	0.0031	U	-	-	0.0031	U	0.0037	U	0.0028	U	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	11	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5.9	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.0031	U	-	-	0.0031	U	0.0037	U	0.0028	U	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	0.0041	U	-	-	0.0042	U	0.005	U	0.0038	U	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	3.9	mg/kg	0.001	U	-	-	0.001	U	0.0012	U	0.00094	U	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene		mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	8.4	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	3.6	mg/kg	0.0052	U	-	-	0.0052	U	0.0062	U	0.0047	U	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.1	mg/kg	0.1	U	-	-	0.1	U	0.12	U	0.094	U	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID M(10-15)DS B3		GRID N(5-10)CS		GRID N(0-5)DS B2		GRID N(5-10)DS B2		GRID N(10-15)DS B2		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (0-5) CS		GRID O (5-10) CS	
SAMPLING DATE	Unrestricted Use Criteria		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID			L1611936-20		L1611936-13		L1611936-14		L1611936-15		L1611936-16		L1613266-08		L1613266-08 R1		L1613266-08 R2		L1613266-08 R3		L1613266-09	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein		mg/kg	0.026	U	-	-	0.026	U	0.031	U	0.023	U	-	-	-	-	-	-	-	-	-	-
Methyl Acetate		mg/kg	0.0041	U	-	-	0.0042	U	0.005	U	0.0038	U	-	-	-	-	-	-	-	-	-	-
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	0.021	U	-	-	0.021	U	0.025	U	0.019	U	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol		mg/kg	0.1	U	-	-	0.1	U	0.12	U	0.094	U	-	-	-	-	-	-	-	-	-	-
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	0.0041	U	-	-	0.0042	U	0.005	U	0.0038	U	-	-	-	-	-	-	-	-	-	-
Freon-113		mg/kg	0.021	U	-	-	0.021	U	0.025	U	0.019	U	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID O (10-15) CS		GRID O (0-5) DSB2		GRID O (5-10) DSB2		GRID O (10-15) DSB2		GRID O (10-15) DSB2		GRID P(0-5)CS		GRID P(5-10)CS		GRID P(10-15)CS		GRID P(0-5)DSB2		GRID P(5-10)DSB2	
SAMPLING DATE	Unrestricted Use Criteria		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID			L1613266-10		L1613266-11		L1613266-12		L1613266-13		L1613266-13 R1		L1611936-21		L1611936-22		L1611936-23		L1611936-24		L161193	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D		mg/kg	0.207	U	-	-	-	-	-	-	-	-	0.186	U	0.188	U	0.184	U	-	-	-	-
2,4,5-T		mg/kg	0.207	U	-	-	-	-	-	-	-	-	0.186	U	0.188	U	0.184	U	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	0.207	U	-	-	-	-	-	-	-	-	0.186	U	0.188	U	0.184	U	-	-	-	-
Gasoline Range Organics																						
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																						
Chromium, Trivalent	30	mg/kg	14		-	-	-	-	-	-	-	-	15		24		14		-	-	-	-
Solids, Total		%	79.8		86		87.8		75.8		-	-	89.4		87.9		89.1		83.3		92.4	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	1.2	U	-	-	-	-	-	-	-	-	1.1	U	1.1	U	1.1	U	-	-	-	-
pH (H)		SU	8.9		-	-	-	-	-	-	-	-	6.7		5.8		5.7		-	-	-	-
Cyanide, Reactive		mg/kg	10	U	-	-	-	-	-	-	-	-	10	U	10	U	10	U	-	-	-	-
Sulfide, Reactive		mg/kg	10	U	-	-	-	-	-	-	-	-	10	U	10	U	10	U	-	-	-	-
Ignitability of Solids																						
Ignitability			NI	NI	-	-	-	-	-	-	-	-	NI	NI	NI	NI	NI	NI	-	-	-	-
NJ Hexavalent Chromium																						
Chromium, Hexavalent	1	mg/kg	1	U	-	-	-	-	-	-	-	-	0.29	J	0.3	J	0.28	J	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	7.8		5.3		5.6		-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	130		150		150		-	-	-	-
Petroleum Hydrocarbon Quantitation																						
TPH		mg/kg	-	-	1130		852		100		-	-	-	-	-	-	-	-	488		24.8	
Polychlorinated Biphenyls by GC																						
Aroclor 1016	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1221	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1232	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1242	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1248	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1254	0.1	mg/kg	0.175		-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1260	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1262	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Aroclor 1268	0.1	mg/kg	0.0409	U	-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
PCBs, Total		mg/kg	0.175		-	-	-	-	-	-	-	-	0.0352	U	0.0363	U	0.0365	U	-	-	-	-
Pesticides by GC																						
Delta-BHC	0.04	mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Lindane	0.1	mg/kg	0.00083	U	-	-	-	-	-	-	-	-	0.00071	U	0.00071	U	0.00072	U	-	-	-	-
Alpha-BHC	0.02	mg/kg	0.00083	U	-	-	-	-	-	-	-	-	0.00071	U	0.00071	U	0.00072	U	-	-	-	-
Beta-BHC	0.036	mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Heptachlor	0.042	mg/kg	0.00099	U	-	-	-	-	-	-	-	-	0.00086	U	0.00085	U	0.00086	U	-	-	-	-
Aldrin	0.005	mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Heptachlor epoxide		mg/kg	0.0025	J	-	-	-	-	-	-	-	-	0.00323	U	0.00322	U	0.00324	U	-	-	-	-
Endrin	0.014	mg/kg	0.00236		-	-	-	-	-	-	-	-	0.00071	U	0.00071	U	0.00072	U	-	-	-	-
Endrin aldehyde		mg/kg	0.00249	U	-	-	-	-	-	-	-	-	0.00215	U	0.00214	U	0.00216	U	-	-	-	-
Endrin ketone		mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Dieldrin	0.005	mg/kg	0.00203	PI	-	-	-	-	-	-	-	-	0.00108	U	0.00107	U	0.00108	U	-	-	-	-
4,4'-DDE	0.0033	mg/kg	0.0117	P	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
4,4'-DDD	0.0033	mg/kg	0.0018	J	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
4,4'-DDT	0.0033	mg/kg	0.05		-	-	-	-	-	-	-	-	0.00323	U	0.00322	U	0.00324	U	-	-	-	-
Endosulfan I	2.4	mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Endosulfan II	2.4	mg/kg	0.00199	U	-	-	-	-	-	-	-	-	0.00172	U	0.00172	U	0.00173	U	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	0.00083	U	-	-	-	-	-	-	-	-	0.00071	U	0.00071	U	0.00072	U	-	-	-	-
Methoxychlor		mg/kg	0.00373	U	-	-	-	-	-	-	-	-	0.00323	U	0.00322	U	0.00324	U	-	-	-	-
Toxaphene		mg/kg	0.0373	U	-	-	-	-	-	-	-	-	0.0323	U	0.0322	U	0.0324	U	-	-	-	-
Chlordane		mg/kg	0.015	J	-	-	-	-	-	-	-	-	0.014	U	0.0139	U	0.014	U	-	-	-	-
cis-Chlordane	0.094	mg/kg	0.00244	J	-	-	-	-	-	-	-	-	0.00215	U	0.00214	U	0.00216	U	-	-	-	-
trans-Chlordane		mg/kg	0.00279	PI	-	-	-	-	-	-	-	-	0.00215	U	0.00214	U	0.00216	U	-	-	-	-
Semivolatile Organics by GC/MS																						
Acenaphthene	20	mg/kg	0.24		-	-	-	-	-	-	-	-	0.15	U	0.15	U	0.036	J	-	-	-	-
Benzidine		mg/kg	0.68	U	-	-	-	-	-	-	-	-	0.61	U	0.62	U	0.61	U	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-
Azobenzene		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID O (10-15) CS	GRID O (0-5) DSB2	GRID O (5-10) DSB2	GRID O (10-15) DSB2	GRID O (10-15) DSB2	GRID O (10-15) DSB2	GRID P(0-5)CS	GRID P(5-10)CS	GRID P(10-15)CS	GRID P(0-5)DSB2	GRID P(5-10)DSB2
SAMPLING DATE	Unrestricted		5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016
LAB SAMPLE ID	Use Criteria		L1613266-10	L1613266-11	L1613266-12	L1613266-13	L1613266-13 R1	L1613266-13 R1	L1611936-21	L1611936-22	L1611936-23	L1611936-24	L1611936-24
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Hexachlorobenzene	0.33	mg/kg	0.059	U	-	-	-	-	0.053	U	0.054	U	0.053
Bis(2-chloroethyl)ether		mg/kg	0.074	U	-	-	-	-	0.067	U	0.068	U	0.066
2-Chloronaphthalene		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	0.16	U	-	-	-	-	0.14	U	0.14	U	0.14
2,4-Dinitrotoluene		mg/kg	0.1	U	-	-	-	-	0.092	U	0.094	U	0.092
2,6-Dinitrotoluene		mg/kg	0.081	U	-	-	-	-	0.073	U	0.075	U	0.073
Fluoranthene	100	mg/kg	2.3	-	-	-	-	-	0.22	U	0.11	U	0.46
4-Chlorophenyl phenyl ether		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
4-Bromophenyl phenyl ether		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Bis(2-chloroisopropyl)ether		mg/kg	0.25	U	-	-	-	-	0.22	U	0.23	U	0.22
Bis(2-chloroethoxy)methane		mg/kg	0.22	U	-	-	-	-	0.2	U	0.2	U	0.2
Hexachlorobutadiene		mg/kg	0.076	U	-	-	-	-	0.069	U	0.07	U	0.069
Hexachlorocyclopentadiene		mg/kg	0.59	U	-	-	-	-	0.53	U	0.54	U	0.53
Hexachloroethane		mg/kg	0.1	U	-	-	-	-	0.09	U	0.092	U	0.09
Isophorone		mg/kg	0.069	U	-	-	-	-	0.062	U	0.063	U	0.062
Naphthalene	12	mg/kg	0.12	J	-	-	-	-	0.18	U	0.19	U	0.18
Nitrobenzene		mg/kg	0.091	U	-	-	-	-	0.082	U	0.084	U	0.082
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	0.05	U	-	-	-	-	0.046	U	0.046	U	0.045
n-Nitrosodi-n-propylamine		mg/kg	0.052	U	-	-	-	-	0.047	U	0.048	U	0.046
Bis(2-Ethylhexyl)phthalate		mg/kg	0.12	J	-	-	-	-	0.024	J	0.19	U	0.18
Butyl benzyl phthalate		mg/kg	0.05	J	-	-	-	-	0.18	U	0.19	U	0.18
Di-n-butylphthalate		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Di-n-octylphthalate		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Diethyl phthalate		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Dimethyl phthalate		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Benzo(a)anthracene	1	mg/kg	0.9	-	-	-	-	-	0.12	U	0.063	U	0.24
Benzo(a)pyrene	1	mg/kg	0.84	-	-	-	-	-	0.09	J	0.14	U	0.22
Benzo(b)fluoranthene	1	mg/kg	1	-	-	-	-	-	0.11	U	0.048	U	0.27
Benzo(k)fluoranthene	0.8	mg/kg	0.5	-	-	-	-	-	0.055	U	0.04	U	0.1
Chrysene	1	mg/kg	0.76	-	-	-	-	-	0.11	U	0.11	U	0.23
Acenaphthylene	100	mg/kg	0.16	U	-	-	-	-	0.15	U	0.15	U	0.028
Anthracene	100	mg/kg	0.43	-	-	-	-	-	0.049	J	0.11	U	0.087
Benzo(ghi)perylene	100	mg/kg	0.49	-	-	-	-	-	0.05	J	0.15	U	0.14
Fluorene	30	mg/kg	0.17	J	-	-	-	-	0.18	U	0.19	U	0.034
Phenanthrene	100	mg/kg	1.8	-	-	-	-	-	0.16	U	0.11	U	0.34
Dibenzo(a,h)anthracene	0.33	mg/kg	0.12	-	-	-	-	-	0.064	U	0.066	U	0.036
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	0.41	-	-	-	-	-	0.057	J	0.079	U	0.15
Pyrene	100	mg/kg	2	-	-	-	-	-	0.18	U	0.11	U	0.41
Biphenyl		mg/kg	0.47	U	-	-	-	-	0.42	U	0.43	U	0.42
4-Chloroaniline		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
2-Nitroaniline		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
3-Nitroaniline		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
4-Nitroaniline		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Dibenzofuran	7	mg/kg	0.12	J	-	-	-	-	0.18	U	0.19	U	0.027
2-Methylnaphthalene		mg/kg	0.058	J	-	-	-	-	0.22	U	0.23	U	0.22
1,2,4,5-Tetrachlorobenzene		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
Acetophenone		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
2,4,6-Trichlorophenol		mg/kg	0.12	U	-	-	-	-	0.1	U	0.11	U	0.1
P-Chloro-M-Cresol		mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18
2-Chlorophenol		mg/kg	0.068	U	-	-	-	-	0.061	U	0.062	U	0.061
2,4-Dichlorophenol		mg/kg	0.099	U	-	-	-	-	0.089	U	0.09	U	0.088
2,4-Dimethylphenol		mg/kg	0.2	U	-	-	-	-	0.18	U	0.18	U	0.18
2-Nitrophenol		mg/kg	0.44	U	-	-	-	-	0.4	U	0.41	U	0.4
4-Nitrophenol		mg/kg	0.29	U	-	-	-	-	0.26	U	0.26	U	0.26
2,4-Dinitrophenol		mg/kg	0.3	U	-	-	-	-	0.27	U	0.27	U	0.26
4,6-Dinitro-o-cresol		mg/kg	0.3	U	-	-	-	-	0.27	U	0.27	U	0.26
Pentachlorophenol	0.8	mg/kg	0.14	U	-	-	-	-	0.12	U	0.12	U	0.12
Phenol	0.33	mg/kg	0.2	U	-	-	-	-	0.18	U	0.19	U	0.18

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID O (10-15) CS		GRID O (0-5) DSB2		GRID O (5-10) DSB2		GRID O (10-15) DSB2		GRID O (10-15) DSB2		GRID O (10-15) DSB2		GRID P(0-5)CS		GRID P(5-10)CS		GRID P(10-15)CS		GRID P(0-5)DSB2		GRID P(5-10)CS	
SAMPLING DATE	Unrestricted		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016	
LAB SAMPLE ID	Use Criteria		L1613266-10		L1613266-11		L1613266-12		L1613266-13		L1613266-13 R1		L1611936-21		L1611936-22		L1611936-23		L1611936-24		L161193			
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	0.3	U	-	-	-	-	-	-	-	-	0.27	U	0.27	U	0.26	U	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-	-	-
Benzoic Acid		mg/kg	0.66	U	-	-	-	-	-	-	-	-	0.59	U	0.6	U	0.59	U	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-	-	-
Carbazole		mg/kg	0.22	U	-	-	-	-	-	-	-	-	0.017	J	0.19	U	0.042	J	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	0.41	U	-	-	-	-	-	-	-	-	0.37	U	0.38	U	0.37	U	-	-	-	-	-	-
Benzaldehyde		mg/kg	0.27	U	-	-	-	-	-	-	-	-	0.24	U	0.25	U	0.24	U	-	-	-	-	-	-
Caprolactam		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-	-	-
Atrazine		mg/kg	0.16	U	-	-	-	-	-	-	-	-	0.15	U	0.15	U	0.15	U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	0.2	U	-	-	-	-	-	-	-	-	0.18	U	0.19	U	0.18	U	-	-	-	-	-	-
TCLP Metals by EPA 1311																								
Arsenic, TCLP		mg/l	0.03	J	-	-	-	-	-	-	-	-	0.38	J	0.12	J	1	U	-	-	-	-	-	-
Barium, TCLP		mg/l	0.24	J	-	-	-	-	-	-	-	-	0.14	J	0.12	J	0.1	J	-	-	-	-	-	-
Cadmium, TCLP		mg/l	0.1	U	-	-	-	-	-	-	-	-	0.1	U	0.1	U	0.1	U	-	-	-	-	-	-
Chromium, TCLP		mg/l	0.03	J	-	-	-	-	-	-	-	-	0.2	U	0.2	U	0.2	U	-	-	-	-	-	-
Lead, TCLP		mg/l	0.5	U	-	-	-	-	-	-	-	-	0.06	J	0.5	U	0.03	J	-	-	-	-	-	-
Mercury, TCLP		mg/l	0.001	U	-	-	-	-	-	-	-	-	0.001	U	0.001	U	0.001	U	-	-	-	-	-	-
Selenium, TCLP		mg/l	0.5	U	-	-	-	-	-	-	-	-	0.5	U	0.5	U	0.5	U	-	-	-	-	-	-
Silver, TCLP		mg/l	0.1	U	-	-	-	-	-	-	-	-	0.1	U	0.1	U	0.1	U	-	-	-	-	-	-
Total Metals																								
Aluminum, Total		mg/kg	5200		-	-	-	-	-	-	-	-	8500		12000		6400		-	-	-	-	-	-
Antimony, Total		mg/kg	4.8	U	-	-	-	-	-	-	-	-	0.8	J	0.83	J	4.4	U	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	2.6		-	-	-	-	-	-	-	-	5.9		7.7		5.9		-	-	-	-	-	-
Barium, Total	350	mg/kg	96		-	-	-	-	-	-	-	-	47		25		100		-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	0.26	J	-	-	-	-	-	-	-	-	0.34	J	0.46		0.32	J	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	0.95	U	-	-	-	-	-	-	-	-	0.86	U	0.87	U	0.88	U	-	-	-	-	-	-
Calcium, Total		mg/kg	11000		-	-	-	-	-	-	-	-	2900		660		600		-	-	-	-	-	-
Chromium, Total		mg/kg	14		-	-	-	-	-	-	-	-	15		24		14		-	-	-	-	-	-
Cobalt, Total		mg/kg	4		-	-	-	-	-	-	-	-	4.8		10		4.9		-	-	-	-	-	-
Copper, Total	50	mg/kg	13		-	-	-	-	-	-	-	-	12		20		15		-	-	-	-	-	-
Iron, Total		mg/kg	13000		-	-	-	-	-	-	-	-	14000	B	23000	B	16000	B	-	-	-	-	-	-
Lead, Total	63	mg/kg	16		-	-	-	-	-	-	-	-	37		4.4	U	24		-	-	-	-	-	-
Magnesium, Total		mg/kg	2000		-	-	-	-	-	-	-	-	1900		3300		1300		-	-	-	-	-	-
Manganese, Total	1600	mg/kg	320		-	-	-	-	-	-	-	-	300		460		360		-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	0.05	J	-	-	-	-	-	-	-	-	0.16		0.07	U	0.04	J	-	-	-	-	-	-
Nickel, Total	30	mg/kg	9		-	-	-	-	-	-	-	-	9.6		18		9.5		-	-	-	-	-	-
Potassium, Total		mg/kg	600		-	-	-	-	-	-	-	-	530		690		530		-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	1.9	U	-	-	-	-	-	-	-	-	1.7	U	1.7	U	1.8	U	-	-	-	-	-	-
Silver, Total	2	mg/kg	0.95	U	-	-	-	-	-	-	-	-	0.86	U	0.87	U	0.88	U	-	-	-	-	-	-
Sodium, Total		mg/kg	200		-	-	-	-	-	-	-	-	120	J	86	J	76	J	-	-	-	-	-	-
Thallium, Total		mg/kg	1.9	U	-	-	-	-	-	-	-	-	1.7	U	1.7	U	1.8	U	-	-	-	-	-	-
Vanadium, Total		mg/kg	22		-	-	-	-	-	-	-	-	22		34		23		-	-	-	-	-	-
Zinc, Total	109	mg/kg	84		-	-	-	-	-	-	-	-	44		51		46		-	-	-	-	-	-
Volatile Organics by 8260/5035																								
Methylene chloride	0.05	mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-	-	0.0048	U	0.27			
1,1-Dichloroethane	0.27	mg/kg	-	-	0.19	U	0.12	U	0.14	U	-	-	-	-	-	-	-	-	0.0014	U	0.082			
Chloroform	0.37	mg/kg	-	-	0.19	U	0.12	U	0.14	U	-	-	-	-	-	-	-	-	0.0016	U	0.082			
Carbon tetrachloride	0.76	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
1,2-Dichloropropane		mg/kg	-	-	0.45	U	0.29	U	0.34	U	-	-	-	-	-	-	-	-	0.0034	U	0.19			
Dibromochloromethane		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
1,1,2-Trichloroethane		mg/kg	-	-	0.19	U	0.12	U	0.14	U	-	-	-	-	-	-	-	-	0.0014	U	0.082			
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	1.3	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00081	J	0.055			
Chlorobenzene	1.1	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
Trichlorofluoromethane		mg/kg	-	-	0.65	U	0.41	U	0.08	J	-	-	-	-	-	-	-	-	0.0048	U	0.27			
1,2-Dichloroethane	0.02	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
1,1,1-Trichloroethane	0.68	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
Bromodichloromethane		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
trans-1,3-Dichloropropene		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			
cis-1,3-Dichloropropene		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-	-	0.00096	U	0.055			

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID O (10-15) CS	GRID O (0-5) DSB2	GRID O (5-10) DSB2	GRID O (10-15) DSB2	GRID O (10-15) DSB2	GRID O (10-15) DSB2	GRID P(0-5)CS	GRID P(5-10)CS	GRID P(10-15)CS	GRID P(0-5)DSB2	GRID P(5-10)CS	GRID P(10-15)CS	GRID P(0-5)DSB2	GRID P(5-10)CS	GRID P(10-15)CS
SAMPLING DATE	Unrestricted		5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	5/3/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016
LAB SAMPLE ID	Use Criteria		L1613266-10	L1613266-11	L1613266-12	L1613266-13	L1613266-13 R1	L1611936-21	L1611936-22	L1611936-23	L1611936-24	L1611936-24	L1611936-24	L1611936-24	L1611936-24	L1611936-24	L1611936-24
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
1,3-Dichloropropene, Total		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0096	U	0.055
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform		mg/kg	-	-	0.52	U	0.33	U	0.38	U	-	-	-	-	0.0038	U	0.22
1,1,2,2-Tetrachloroethane		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
Benzene	0.06	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
Toluene	0.7	mg/kg	-	-	0.05	J	0.12	U	0.14	U	-	-	-	-	0.0003	J	0.012
Ethylbenzene	1	mg/kg	-	-	0.17	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
Chloromethane		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
Bromomethane		mg/kg	-	-	0.26	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
Vinyl chloride	0.02	mg/kg	-	-	0.26	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
Chloroethane		mg/kg	-	-	0.26	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
1,1-Dichloroethene	0.33	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
trans-1,2-Dichloroethene	0.19	mg/kg	-	-	0.19	U	0.12	U	0.14	U	-	-	-	-	0.0014	U	0.082
Trichloroethene	0.47	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
1,2-Dichlorobenzene	1.1	mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
1,3-Dichlorobenzene	2.4	mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
1,4-Dichlorobenzene	1.8	mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
Methyl tert butyl ether	0.93	mg/kg	-	-	0.26	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
p/m-Xylene		mg/kg	-	-	0.92	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
o-Xylene		mg/kg	-	-	0.6	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	0.11
cis-1,2-Dichloroethene	0.25	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	-	-	-
Styrene		mg/kg	-	-	0.26	U	0.16	U	0.19	U	-	-	-	-	0.0019	U	0.11
Dichlorodifluoromethane		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	0.0096	U	0.55
Acetone	0.05	mg/kg	-	-	10	U	2.9	U	3.5	U	-	-	-	-	0.0052	J	2
Carbon disulfide		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	0.0096	U	0.55
2-Butanone	0.12	mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	0.0096	U	0.55
Vinyl acetate		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	-	-	-
4-Methyl-2-pentanone		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	0.0096	U	0.55
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	-	-	1.3	U	0.82	U	0.96	U	-	-	-	-	0.0096	U	0.55
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
1,2-Dibromoethane		mg/kg	-	-	0.39	U	0.24	U	0.29	U	-	-	-	-	0.0029	U	0.16
1,3-Dichloropropane		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	-	-	-
Bromobenzene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
n-Butylbenzene	12	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
sec-Butylbenzene	11	mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
tert-Butylbenzene	5.9	mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
p-Chlorotoluene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	-	-	0.39	U	0.24	U	0.29	U	-	-	-	-	0.0029	U	0.16
Hexachlorobutadiene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-
Isopropylbenzene		mg/kg	-	-	0.13	U	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
p-Isopropyltoluene		mg/kg	-	-	0.54	U	0.082	U	0.096	U	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	0.066	J	1.6	U	2	U	-	-	-	-	-	-	-
Acrylonitrile		mg/kg	-	-	0.52	U	0.33	U	0.38	U	-	-	-	-	0.0038	U	0.22
n-Propylbenzene	3.9	mg/kg	-	-	0.035	J	0.082	U	0.096	U	-	-	-	-	0.0096	U	0.055
1,2,3-Trichlorobenzene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
1,2,4-Trichlorobenzene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
1,3,5-Trimethylbenzene	8.4	mg/kg	-	-	0.078	J	0.41	U	0.48	U	-	-	-	-	0.0048	U	0.27
1,2,4-Trimethylbenzene	3.6	mg/kg	-	-	0.19	J	0.014	J	0.48	U	-	-	-	-	0.0048	U	0.27
1,4-Dioxane	0.1	mg/kg	-	-	13	U	8.2	U	9.6	U	-	-	-	-	0.096	U	5.5
p-Diethylbenzene		mg/kg	-	-	0.085	J	0.02	J	0.38	U	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID O (10-15) CS		GRID O (0-5) DSB2		GRID O (5-10) DSB2		GRID O (10-15) DSB2		GRID O (10-15) DSB2		GRID P(0-5)CS		GRID P(5-10)CS		GRID P(10-15)CS		GRID P(0-5)DSB2		GRID P(5-11)
SAMPLING DATE			5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		4/21/2016		4/21/2016		4/21/2016		4/21/2016		4/21/20
LAB SAMPLE ID			L1613266-10		L1613266-11		L1613266-12		L1613266-13		L1613266-13 R1		L1611936-21		L1611936-22		L1611936-23		L1611936-24		L161193
			Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	0.16	J	0.33	U	0.38	U	-	-	-	-	-	-	-	-	-	-	
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	0.52	U	0.33	U	0.38	U	-	-	-	-	-	-	-	-	-	-	
Ethyl ether		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-	-	-	-	
trans-1,4-Dichloro-2-butene		mg/kg	-	-	0.65	U	0.41	U	0.48	U	-	-	-	-	-	-	-	-	-	-	
Acrolein		mg/kg	-	-	3.2	U	2	U	2.4	U	-	-	-	-	-	-	-	0.024	U	1.4	
Methyl Acetate		mg/kg	-	-	2.4	-	8.4	-	54	E	40	-	-	-	-	-	-	0.0038	U	0.22	
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane		mg/kg	-	-	2.6	U	1.6	U	1.9	U	-	-	-	-	-	-	-	0.019	U	1.1	
Tert-Butyl Alcohol		mg/kg	-	-	13	U	8.2	U	9.6	U	-	-	-	-	-	-	-	0.0036	J	5.5	
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane		mg/kg	-	-	0.24	J	0.33	U	0.38	U	-	-	-	-	-	-	-	0.0038	U	0.22	
Freon-113		mg/kg	-	-	2.6	U	1.6	U	1.9	U	-	-	-	-	-	-	-	0.019	U	1.1	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		DSB2	GRID P (10-15) DSB2	GRID Q (5-10) CS	GRID Q (5-10) CS	GRID Q (10-15) CS	GRID Q (5-10) DSB2	GRID Q (10-15) DSB2	GRID R (5-10) CS	GRID R (5-10) CS	GRID R (10-15) CS					
SAMPLING DATE	Unrestricted Use Criteria		16	4/21/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/3/2016	5/3/2016	5/3/2016					
LAB SAMPLE ID		5-25	L1611936-26	L1613381-01	L1613381-01 R1	L1613381-02	L1613381-03	L1613381-04	L1613266-14	L1613266-14 R1	L1613266-15						
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
Chlorinated Herbicides by GC																	
2,4-D		mg/kg	-	-	-	0.195	U	-	-	0.175	U	-	-	0.181	U		
2,4,5-T		mg/kg	-	-	-	0.195	U	-	-	0.175	U	-	-	0.181	U		
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	0.195	U	-	-	0.175	U	-	-	0.181	U		
Gasoline Range Organics																	
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-		
General Chemistry																	
Chromium, Trivalent	30	mg/kg	-	-	-	15	-	-	8.2	-	-	13	-	-	13		
Solids, Total		%	-	77.3	-	84.4	-	-	93.4	-	74.8	84.7	-	-	91.1		
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cyanide, Total	27	mg/kg	-	-	-	1.2	U	-	1	U	-	-	1.2	U	1.1	U	
pH (H)		SU	-	-	-	9.5	-	-	9.1	-	-	8	-	-	8		
Cyanide, Reactive		mg/kg	-	-	-	10	U	-	10	U	-	-	10	U	10	U	
Sulfide, Reactive		mg/kg	-	-	-	10	U	-	10	U	-	-	10	U	10	U	
Ignitability of Solids																	
Ignitability		-	-	-	-	NI	NI	-	NI	NI	-	NI	NI	-	NI	NI	
NJ Hexavalent Chromium																	
Chromium, Hexavalent	1	mg/kg	-	-	-	0.95	U	-	0.86	U	-	-	0.95	U	0.88	U	
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Petroleum Hydrocarbon Quantitation																	
TPH		mg/kg	U	109	-	-	-	-	-	1520	-	27	U	-	-	-	
Polychlorinated Biphenyls by GC																	
Aroclor 1016	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1221	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1232	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1242	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1248	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1254	0.1	mg/kg	-	-	-	0.265	-	-	0.0352	U	-	-	0.237	-	-	0.0346	U
Aroclor 1260	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1262	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
Aroclor 1268	0.1	mg/kg	-	-	-	0.0378	U	-	0.0352	U	-	-	0.0373	U	-	0.0346	U
PCBs, Total		mg/kg	-	-	-	0.265	-	-	0.0352	U	-	-	0.237	-	-	0.0346	U
Pesticides by GC																	
Delta-BHC	0.04	mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Lindane	0.1	mg/kg	-	-	-	0.00075	U	-	0.00069	U	-	-	0.00078	U	-	0.00069	U
Alpha-BHC	0.02	mg/kg	-	-	-	0.00075	U	-	0.00069	U	-	-	0.00078	U	-	0.00069	U
Beta-BHC	0.036	mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Heptachlor	0.042	mg/kg	-	-	-	0.00178	PI	-	0.00082	U	-	-	0.00094	U	-	0.00082	U
Aldrin	0.005	mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Heptachlor epoxide		mg/kg	-	-	-	0.012	P	-	0.00311	U	-	-	0.0165	P	-	0.00292	J
Endrin	0.014	mg/kg	-	-	-	0.00075	U	-	0.00069	U	-	-	0.00078	U	-	0.00069	U
Endrin aldehyde		mg/kg	-	-	-	0.00227	U	-	0.00207	U	-	-	0.00235	U	-	0.00207	U
Endrin ketone		mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Dieldrin	0.005	mg/kg	-	-	-	0.00113	U	-	0.00104	U	-	-	0.00118	U	-	0.00104	U
4,4'-DDE	0.0033	mg/kg	-	-	-	0.102	-	-	0.00391	-	-	-	0.0713	-	-	0.0115	-
4,4'-DDD	0.0033	mg/kg	-	-	-	0.0416	P	-	0.00067	J	-	-	0.0184	-	-	0.00654	PI
4,4'-DDT	0.0033	mg/kg	-	-	-	0.38	E	0.293	0.0152	-	-	-	0.441	E	0.391	0.0322	P
Endosulfan I	2.4	mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Endosulfan II	2.4	mg/kg	-	-	-	0.00181	U	-	0.00166	U	-	-	0.00188	U	-	0.00166	U
Endosulfan sulfate	2.4	mg/kg	-	-	-	0.00075	U	-	0.00069	U	-	-	0.00078	U	-	0.00069	U
Methoxychlor		mg/kg	-	-	-	0.0034	U	-	0.00311	U	-	-	0.00353	U	-	0.00311	U
Toxaphene		mg/kg	-	-	-	0.034	U	-	0.0311	U	-	-	0.0353	U	-	0.0311	U
Chlordane		mg/kg	-	-	-	0.167	-	-	0.0269	-	-	-	0.119	PI	-	0.035	PI
cis-Chlordane	0.094	mg/kg	-	-	-	0.0171	-	-	0.00104	J	-	-	0.0254	-	-	0.00521	-
trans-Chlordane		mg/kg	-	-	-	0.019	-	-	0.00124	J	-	-	0.0215	PI	-	0.00635	PI
Semivolatile Organics by GC/MS																	
Acenaphthene	20	mg/kg	-	-	-	0.78	U	-	0.14	U	-	-	0.036	J	-	0.29	U
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.65	U	-	1.2	U
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.2	U	-	0.36	U
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.2	U	-	0.36	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		DSB2	GRID P(10-15) DSB2	GRID Q (5-10) CS	GRID Q (5-10) CS	GRID Q (10-15) CS	GRID Q (5-10) DSB2	GRID Q (10-15) DSB2	GRID R (5-10) CS	GRID R (5-10) CS	GRID R (10-15) CS			
SAMPLING DATE	Unrestricted Use Criteria	16	4/21/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/3/2016	5/3/2016	5/3/2016			
LAB SAMPLE ID		5-25	L1611936-26	L1613381-01	L1613381-01 R1	L1613381-02	L1613381-03	L1613381-04	L1613266-14	L1613266-14 R1	L1613266-15				
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Hexachlorobenzene	0.33	mg/kg	-	-	-	0.28	U	-	-	0.051	U	-	-	0.1	U
Bis(2-chloroethyl)ether		mg/kg	-	-	-	0.35	U	-	-	0.064	U	-	-	0.13	U
2-Chloronaphthalene		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	0.75	U	-	-	0.14	U	-	-	0.28	U
2,4-Dinitrotoluene		mg/kg	-	-	-	0.49	U	-	-	0.088	U	-	-	0.18	U
2,6-Dinitrotoluene		mg/kg	-	-	-	0.39	U	-	-	0.07	U	-	-	0.14	U
Fluoranthene	100	mg/kg	-	-	-	0.84	-	-	-	0.028	J	-	-	1	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
4-Bromophenyl phenyl ether		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	1.2	U	-	-	0.21	U	-	-	0.43	U
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	1	U	-	-	0.19	U	-	-	0.39	U
Hexachlorobutadiene		mg/kg	-	-	-	0.36	U	-	-	0.066	U	-	-	0.13	U
Hexachlorocyclopentadiene		mg/kg	-	-	-	2.8	U	-	-	0.51	U	-	-	1	U
Hexachloroethane		mg/kg	-	-	-	0.48	U	-	-	0.086	U	-	-	0.18	U
Isophorone		mg/kg	-	-	-	0.33	U	-	-	0.06	U	-	-	0.12	U
Naphthalene	12	mg/kg	-	-	-	0.13	J	-	-	0.18	U	-	-	0.36	U
Nitrobenzene		mg/kg	-	-	-	0.43	U	-	-	0.079	U	-	-	0.16	U
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	0.24	U	-	-	0.044	U	-	-	0.089	U
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	0.25	U	-	-	0.045	U	-	-	0.091	U
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	13	-	-	-	0.035	J	-	-	4.4	-
Butyl benzyl phthalate		mg/kg	-	-	-	9.6	-	-	-	0.18	U	-	-	6.6	-
Di-n-butylphthalate		mg/kg	-	-	-	0.21	J	-	-	0.18	U	-	-	0.36	U
Di-n-octylphthalate		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Diethyl phthalate		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Dimethyl phthalate		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Benzo(a)anthracene	1	mg/kg	-	-	-	0.4	-	-	-	0.06	U	-	-	0.5	-
Benzo(a)pyrene	1	mg/kg	-	-	-	0.33	J	-	-	0.13	U	-	-	0.46	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	0.51	-	-	-	0.016	J	-	-	0.64	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	0.17	J	-	-	0.037	U	-	-	0.2	-
Chrysene	1	mg/kg	-	-	-	0.38	J	-	-	0.11	U	-	-	0.43	-
Acenaphthylene	100	mg/kg	-	-	-	0.78	U	-	-	0.14	U	-	-	0.13	J
Anthracene	100	mg/kg	-	-	-	0.14	J	-	-	0.11	U	-	-	0.13	J
Benzo(ghi)perylene	100	mg/kg	-	-	-	0.19	J	-	-	0.14	U	-	-	0.25	J
Fluorene	30	mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.039	J
Phenanthrene	100	mg/kg	-	-	-	0.63	-	-	-	0.019	J	-	-	0.58	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	0.34	U	-	-	0.062	U	-	-	0.073	J
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	0.18	J	-	-	0.075	U	-	-	0.24	-
Pyrene	100	mg/kg	-	-	-	0.61	-	-	-	0.027	J	-	-	0.81	-
Biphenyl		mg/kg	-	-	-	2.2	U	-	-	0.4	U	-	-	0.82	U
4-Chloroaniline		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
2-Nitroaniline		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
3-Nitroaniline		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
4-Nitroaniline		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Dibenzofuran	7	mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
2-Methylnaphthalene		mg/kg	-	-	-	0.1	J	-	-	0.21	U	-	-	0.43	U
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
Acetophenone		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.15	J
2,4,6-Trichlorophenol		mg/kg	-	-	-	0.56	U	-	-	0.1	U	-	-	0.2	U
P-Chloro-M-Cresol		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U
2-Chlorophenol		mg/kg	-	-	-	0.32	U	-	-	0.059	U	-	-	0.12	U
2,4-Dichlorophenol		mg/kg	-	-	-	0.47	U	-	-	0.085	U	-	-	0.17	U
2,4-Dimethylphenol		mg/kg	-	-	-	0.93	U	-	-	0.17	U	-	-	0.34	U
2-Nitrophenol		mg/kg	-	-	-	2.1	U	-	-	0.38	U	-	-	0.78	U
4-Nitrophenol		mg/kg	-	-	-	1.4	U	-	-	0.25	U	-	-	0.5	U
2,4-Dinitrophenol		mg/kg	-	-	-	1.4	U	-	-	0.26	U	-	-	0.52	U
4,6-Dinitro-o-cresol		mg/kg	-	-	-	1.4	U	-	-	0.26	U	-	-	0.52	U
Pentachlorophenol	0.8	mg/kg	-	-	-	0.65	U	-	-	0.12	U	-	-	0.24	U
Phenol	0.33	mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	0.36	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		DSB2	GRID P (10-15)	DSB2	GRID Q (5-10)	CS	GRID Q (5-10)	CS	GRID Q (10-15)	CS	GRID Q (5-10)	DSB2	GRID Q (10-15)	DSB2	GRID R (5-10)	CS	GRID R (5-10)	CS	GRID R (10-15)	CS
SAMPLING DATE	Unrestricted Use Criteria		16	4/21/2016		5/4/2016		5/4/2016		5/4/2016		5/4/2016		5/4/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID		5-25	L1611936-26		L1613381-01		L1613381-01 R1		L1613381-02		L1613381-03		L1613381-04		L1613266-14		L1613266-14 R1		L1613266-15		
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	-	-	0.2	U	-	-	0.36	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	1.4	U	-	-	0.26	U	-	-	-	-	0.28	U	-	-	0.52	U
2,4,5-Trichlorophenol		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	-	-	0.2	U	-	-	0.36	U
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63	U	-	-	1.2	U
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	U	-	-	0.36	U
Carbazole		mg/kg	-	-	-	0.1	J	-	-	0.18	U	-	-	-	-	0.078	J	-	-	0.065	J
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39	U	-	-	0.72	U
Benzaldehyde		mg/kg	-	-	-	1.3	U	-	-	0.23	U	-	-	-	-	0.26	U	-	-	0.48	U
Caprolactam		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	-	-	0.2	U	-	-	0.36	U
Atrazine		mg/kg	-	-	-	0.78	U	-	-	0.14	U	-	-	-	-	0.16	U	-	-	0.29	U
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	0.98	U	-	-	0.18	U	-	-	-	-	0.2	U	-	-	0.36	U
TCLP Metals by EPA 1311																					
Arsenic, TCLP		mg/l	-	-	-	1	U	-	-	1	U	-	-	-	-	0.04	J	-	-	0.03	J
Barium, TCLP		mg/l	-	-	-	0.215	J	-	-	0.42	J	-	-	-	-	0.12	J	-	-	0.17	J
Cadmium, TCLP		mg/l	-	-	-	0.1	U	-	-	0.1	U	-	-	-	-	0.01	J	-	-	0.1	U
Chromium, TCLP		mg/l	-	-	-	0.03	J	-	-	0.2	U	-	-	-	-	0.03	J	-	-	0.03	J
Lead, TCLP		mg/l	-	-	-	0.04	J	-	-	0.03	J	-	-	-	-	0.05	J	-	-	0.23	J
Mercury, TCLP		mg/l	-	-	-	0.001	U	-	-	0.001	U	-	-	-	-	0.001	U	-	-	0.001	U
Selenium, TCLP		mg/l	-	-	-	0.5	U	-	-	0.5	U	-	-	-	-	0.5	U	-	-	0.5	U
Silver, TCLP		mg/l	-	-	-	0.1	U	-	-	0.1	U	-	-	-	-	0.1	U	-	-	0.1	U
Total Metals																					
Aluminum, Total		mg/kg	-	-	-	3800		-	-	4100		-	-	-	-	4700		-	-	5200	
Antimony, Total		mg/kg	-	-	-	1.2	J	-	-	4.2	U	-	-	-	-	1.3	J	-	-	4.1	U
Arsenic, Total	13	mg/kg	-	-	-	1.8		-	-	0.5	J	-	-	-	-	3.3		-	-	2.1	
Barium, Total	350	mg/kg	-	-	-	290		-	-	44		-	-	-	-	200		-	-	58	
Beryllium, Total	7.2	mg/kg	-	-	-	0.18	J	-	-	0.2	J	-	-	-	-	0.28	J	-	-	0.28	J
Cadmium, Total	2.5	mg/kg	-	-	-	0.27	J	-	-	0.83	U	-	-	-	-	0.38	J	-	-	0.83	U
Calcium, Total		mg/kg	-	-	-	33000		-	-	5100		-	-	-	-	50000		-	-	4500	
Chromium, Total		mg/kg	-	-	-	15		-	-	8.2		-	-	-	-	13		-	-	13	
Cobalt, Total		mg/kg	-	-	-	2.4		-	-	3		-	-	-	-	3.4		-	-	4.3	
Copper, Total	50	mg/kg	-	-	-	16		-	-	8.2		-	-	-	-	22		-	-	10	
Iron, Total		mg/kg	-	-	-	8900		-	-	9400		-	-	-	-	8200		-	-	14000	
Lead, Total	63	mg/kg	-	-	-	110		-	-	12		-	-	-	-	150		-	-	38	
Magnesium, Total		mg/kg	-	-	-	2600		-	-	1100		-	-	-	-	4400		-	-	2100	
Manganese, Total	1600	mg/kg	-	-	-	230		-	-	200		-	-	-	-	220		-	-	310	
Mercury, Total	0.18	mg/kg	-	-	-	0.27		-	-	0.02	J	-	-	-	-	0.63		-	-	0.05	J
Nickel, Total	30	mg/kg	-	-	-	11		-	-	5.5		-	-	-	-	11		-	-	8.7	
Potassium, Total		mg/kg	-	-	-	670		-	-	520		-	-	-	-	920		-	-	1300	
Selenium, Total	3.9	mg/kg	-	-	-	1.2	J	-	-	1.4	J	-	-	-	-	0.4	J	-	-	0.29	J
Silver, Total	2	mg/kg	-	-	-	0.28	J	-	-	0.35	J	-	-	-	-	0.9	U	-	-	0.83	U
Sodium, Total		mg/kg	-	-	-	390		-	-	100	J	-	-	-	-	360		-	-	120	J
Thallium, Total		mg/kg	-	-	-	1.9	U	-	-	1.7	U	-	-	-	-	1.8	U	-	-	1.6	U
Vanadium, Total		mg/kg	-	-	-	14		-	-	14		-	-	-	-	21		-	-	20	
Zinc, Total	109	mg/kg	-	-	-	290		-	-	34		-	-	-	-	340		-	-	53	
Volatile Organics by 8260/5035																					
Methylene chloride	0.05	mg/kg	U	0.005	U	-	-	-	-	-	-	0.47	U	0.0056	U	-	-	-	-	-	-
1,1-Dichloroethane	0.27	mg/kg	U	0.0015	U	-	-	-	-	-	-	0.14	U	0.0017	U	-	-	-	-	-	-
Chloroform	0.37	mg/kg	U	0.0015	U	-	-	-	-	-	-	0.14	U	0.0017	U	-	-	-	-	-	-
Carbon tetrachloride	0.76	mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
1,2-Dichloropropane		mg/kg	U	0.0035	U	-	-	-	-	-	-	0.33	U	0.0039	U	-	-	-	-	-	-
Dibromochloromethane		mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
1,1,2-Trichloroethane		mg/kg	U	0.0015	U	-	-	-	-	-	-	0.14	U	0.0017	U	-	-	-	-	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	1.9	U	0.022	U	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	U	0.00099	U	-	-	-	-	-	-	0.019	J	0.0011	U	-	-	-	-	-	-
Chlorobenzene	1.1	mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
Trichlorofluoromethane		mg/kg	U	0.005	U	-	-	-	-	-	-	0.47	U	0.0056	U	-	-	-	-	-	-
1,2-Dichloroethane	0.02	mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
1,1,1-Trichloroethane	0.68	mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
Bromodichloromethane		mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-
cis-1,3-Dichloropropene		mg/kg	U	0.00099	U	-	-	-	-	-	-	0.094	U	0.0011	U	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	DSB2	GRID P (10-15) DSB2	GRID Q (5-10) CS	GRID Q (5-10) CS	GRID Q (5-10) CS	GRID Q (5-10) DSB2	GRID Q (10-15) DSB2	GRID R (5-10) CS	GRID R (5-10) CS	GRID R (10-15) CS
SAMPLING DATE	Unrestricted	16	4/21/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/4/2016	5/3/2016	5/3/2016	5/3/2016
LAB SAMPLE ID	Use Criteria	5-25	L1611936-26	L1613381-01	L1613381-01 R1	L1613381-02	L1613381-03	L1613381-04	L1613266-14	L1613266-14 R1	L1613266-15
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
1,1-Dichloropropene		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
Bromoform		mg/kg	U	0.004	U	-	-	0.38	U	0.0044	U
1,1,2,2-Tetrachloroethane		mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
Benzene	0.06	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
Toluene	0.7	mg/kg	J	0.00061	J	-	-	0.039	J	0.002	J
Ethylbenzene	1	mg/kg	U	0.0099	U	-	-	0.026	J	0.0011	U
Chloromethane		mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
Bromomethane		mg/kg	U	0.002	U	-	-	0.19	U	0.0022	U
Vinyl chloride	0.02	mg/kg	U	0.002	U	-	-	0.19	U	0.0022	U
Chloroethane		mg/kg	U	0.002	U	-	-	0.19	U	0.0022	U
1,1-Dichloroethene	0.33	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
trans-1,2-Dichloroethene	0.19	mg/kg	U	0.0015	U	-	-	0.14	U	0.0017	U
Trichloroethene	0.47	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
1,2-Dichlorobenzene	1.1	mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
1,3-Dichlorobenzene	2.4	mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
1,4-Dichlorobenzene	1.8	mg/kg	U	0.005	U	-	-	0.018	J	0.0056	U
Methyl tert butyl ether	0.93	mg/kg	U	0.002	U	-	-	0.19	U	0.0022	U
p/m-Xylene		mg/kg	U	0.002	U	-	-	0.16	J	0.0022	U
o-Xylene		mg/kg	U	0.002	U	-	-	0.11	J	0.0022	U
Xylenes, Total	0.26	mg/kg	U	0.002	U	-	-	0.27	J	0.0022	U
cis-1,2-Dichloroethene	0.25	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	0.094	U	0.0011	U
Dibromomethane		mg/kg	-	-	-	-	-	0.94	U	0.011	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	0.94	U	0.011	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	0.94	U	0.011	U
Styrene		mg/kg	U	0.002	U	-	-	0.19	U	0.0022	U
Dichlorodifluoromethane		mg/kg	U	0.0099	U	-	-	0.94	U	0.011	U
Acetone	0.05	mg/kg	U	0.0046	J	-	-	0.22	J	0.0092	J
Carbon disulfide		mg/kg	U	0.0099	U	-	-	0.94	U	0.011	U
2-Butanone	0.12	mg/kg	U	0.0099	U	-	-	0.94	U	0.011	U
Vinyl acetate		mg/kg	-	-	-	-	-	0.94	U	0.011	U
4-Methyl-2-pentanone		mg/kg	U	0.0099	U	-	-	0.94	U	0.011	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	0.94	U	0.011	U
2-Hexanone		mg/kg	U	0.0099	U	-	-	0.94	U	0.011	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	0.94	U	0.011	U
Bromochloromethane		mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	1.9	U	0.022	U
2,2-Dichloropropane		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
1,2-Dibromoethane		mg/kg	U	0.003	U	-	-	0.28	U	0.0033	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	0.094	U	0.0011	U
Bromobenzene		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
n-Butylbenzene	12	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
sec-Butylbenzene	11	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
tert-Butylbenzene	5.9	mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
1,2-Dibromo-3-chloropropane		mg/kg	U	0.003	U	-	-	0.28	U	0.0033	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	0.47	U	0.0056	U
Isopropylbenzene		mg/kg	U	0.0099	U	-	-	0.013	J	0.0011	U
p-Isopropyltoluene		mg/kg	-	-	-	-	-	0.23	J	0.0011	U
Naphthalene	12	mg/kg	-	-	-	-	-	0.056	J	0.0056	U
Acrylonitrile		mg/kg	U	0.004	U	-	-	0.38	U	0.0044	U
n-Propylbenzene	3.9	mg/kg	U	0.0099	U	-	-	0.094	U	0.0011	U
1,2,3-Trichlorobenzene		mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
1,2,4-Trichlorobenzene		mg/kg	U	0.005	U	-	-	0.47	U	0.0056	U
1,3,5-Trimethylbenzene	8.4	mg/kg	U	0.005	U	-	-	0.021	J	0.0056	U
1,2,4-Trimethylbenzene	3.6	mg/kg	U	0.005	U	-	-	0.03	J	0.0056	U
1,4-Dioxane	0.1	mg/kg	U	0.099	U	-	-	9.4	U	0.11	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	0.38	U	0.0044	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria	b) DSB2		GRID P (10-15) DSB2		GRID Q (5-10) CS		GRID Q (5-10) CS		GRID Q (10-15) CS		GRID Q (5-10) DSB2		GRID Q (10-15) DSB2		GRID R (5-10) CS		GRID R (5-10) CS		GRID R (10-15) CS	
SAMPLING DATE		16		4/21/2016		5/4/2016		5/4/2016		5/4/2016		5/4/2016		5/4/2016		5/3/2016		5/3/2016		5/3/2016	
LAB SAMPLE ID		5-25		L1611936-26		L1613381-01		L1613381-01 R1		L1613381-02		L1613381-03		L1613381-04		L1613266-14		L1613266-14 R1		L1613266-15	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene		mg/kg	-	-	-	-	-	-	-	-	-	0.029	J	0.0044	U	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	-	-	-	-	-	-	-	-	-	0.38	U	0.0044	U	-	-	-	-	-	-
Ethyl ether		mg/kg	-	-	-	-	-	-	-	-	-	0.47	U	0.0056	U	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	0.47	U	0.0056	U	-	-	-	-	-	-
Acrolein		mg/kg	U	0.025	U	-	-	-	-	-	-	2.4	U	0.028	U	-	-	-	-	-	-
Methyl Acetate		mg/kg	U	0.004	U	-	-	-	-	-	-	0.87	U	0.0044	U	-	-	-	-	-	-
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	1.9	U	0.022	U	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	0.38	U	0.0044	U	-	-	-	-	-	-
Cyclohexane		mg/kg	U	0.02	U	-	-	-	-	-	-	0.11	J	0.022	U	-	-	-	-	-	-
Tert-Butyl Alcohol		mg/kg	U	0.0029	J	-	-	-	-	-	-	9.4	U	0.11	U	-	-	-	-	-	-
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	0.38	U	0.0044	U	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	0.38	U	0.0044	U	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	U	0.004	U	-	-	-	-	-	-	1.2	U	0.0044	U	-	-	-	-	-	-
Freon-113		mg/kg	U	0.02	U	-	-	-	-	-	-	1.9	U	0.022	U	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID R (5-10) DSB4		GRID R (10-15) DSB4		GRIDS (5-10) CS		GRIDS (10-15) CS		GRIDS (5-10) DSB2		GRIDS (10-15) DSB2		GRIDSD (15-20) DSB2		GRIDSD (20-25) DSB2		GRID T (5-10) CS	
SAMPLING DATE	Unrestricted		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/3/2016	
LAB SAMPLE ID	Use Criteria		L1613266-16		L1613266-17		L1613105-12		L1613105-13		L1613105-14		L1613105-15		L1613105-16		L1613105-17		L1613266-01	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	-	-	-	-	0.184	U	0.179	U	-	-	-	-	-	-	-	-	0.19	U
2,4,5-T		mg/kg	-	-	-	-	0.184	U	0.179	U	-	-	-	-	-	-	-	-	0.19	U
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	0.184	U	0.179	U	-	-	-	-	-	-	-	-	0.19	U
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	-	-	-	-	12	J	8.9		-	-	-	-	-	-	-	-	8.7	
Solids, Total		%	80.4		83		89.4		91.3		91.6		88.8		91.5		92		86	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	0.63	J	0.28	J	-	-	-	-	-	-	-	-	1.1	
pH (H)		SU	-	-	-	-	8.1		8.5		-	-	-	-	-	-	-	-	7.8	
Cyanide, Reactive		mg/kg	-	-	-	-	10	U	10	U	-	-	-	-	-	-	-	-	10	U
Sulfide, Reactive		mg/kg	-	-	-	-	10	U	10	U	-	-	-	-	-	-	-	-	10	U
Ignitability of Solids																				
Ignitability			-	-	-	-	NI	NI	NI	NI	-	-	-	-	-	-	-	-	NI	NI
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	-	-	-	-	0.57	J	0.88	U	-	-	-	-	-	-	-	-	0.93	U
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	1760		682		-	-	-	-	34000		28100		61800		23300		-	-
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1221	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1232	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1242	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1248	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1254	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1260	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1262	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Aroclor 1268	0.1	mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
PCBs, Total		mg/kg	-	-	-	-	0.0356	U	0.0344	U	-	-	-	-	-	-	-	-	0.0377	U
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Lindane	0.1	mg/kg	-	-	-	-	0.00072	U	0.00068	U	-	-	-	-	-	-	-	-	0.00077	U
Alpha-BHC	0.02	mg/kg	-	-	-	-	0.00072	U	0.00068	U	-	-	-	-	-	-	-	-	0.00077	U
Beta-BHC	0.036	mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Heptachlor	0.042	mg/kg	-	-	-	-	0.00086	U	0.00082	U	-	-	-	-	-	-	-	-	0.00092	U
Aldrin	0.005	mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Heptachlor epoxide		mg/kg	-	-	-	-	0.00326	U	0.00309	U	-	-	-	-	-	-	-	-	0.00854	P
Endrin	0.014	mg/kg	-	-	-	-	0.00072	U	0.00068	U	-	-	-	-	-	-	-	-	0.00077	U
Endrin aldehyde		mg/kg	-	-	-	-	0.00217	U	0.00206	U	-	-	-	-	-	-	-	-	0.00232	U
Endrin ketone		mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Dieldrin	0.005	mg/kg	-	-	-	-	0.00108	U	0.00103	U	-	-	-	-	-	-	-	-	0.00116	U
4,4'-DDE	0.0033	mg/kg	-	-	-	-	0.00174	U	0.00189	PI	-	-	-	-	-	-	-	-	0.0657	
4,4'-DDD	0.0033	mg/kg	-	-	-	-	0.00091	J	0.00135	J	-	-	-	-	-	-	-	-	0.00185	U
4,4'-DDT	0.0033	mg/kg	-	-	-	-	0.00836	PI	0.00309	U	-	-	-	-	-	-	-	-	0.0156	
Endosulfan I	2.4	mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Endosulfan II	2.4	mg/kg	-	-	-	-	0.00174	U	0.00165	U	-	-	-	-	-	-	-	-	0.00185	U
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	0.00072	U	0.00068	U	-	-	-	-	-	-	-	-	0.00077	U
Methoxychlor		mg/kg	-	-	-	-	0.00326	U	0.00309	U	-	-	-	-	-	-	-	-	0.00348	U
Toxaphene		mg/kg	-	-	-	-	0.0326	U	0.0309	U	-	-	-	-	-	-	-	-	0.0348	U
Chlordane		mg/kg	-	-	-	-	0.0141	U	0.0134	U	-	-	-	-	-	-	-	-	0.0276	PI
cis-Chlordane	0.094	mg/kg	-	-	-	-	0.00217	U	0.00206	U	-	-	-	-	-	-	-	-	0.00479	
trans-Chlordane		mg/kg	-	-	-	-	0.00217	U	0.00206	U	-	-	-	-	-	-	-	-	0.00435	PI
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	-	-	-	-	0.043	J	0.21		-	-	-	-	-	-	-	-	0.51	
Benzidine		mg/kg	-	-	-	-	0.61	U	0.6	U	-	-	-	-	-	-	-	-	1.2	U
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Azobenzene		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID R (5-10) DSB4		GRID R (10-15) DSB4		GRIDS (5-10) CS		GRIDS (10-15) CS		GRIDS (5-10) DSB2		GRIDS (10-15) DSB2		GRIDSD (15-20) DSB2		GRIDSD (20-25) DSB2		GRID T (5-10) CS	
SAMPLING DATE	Unrestricted		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/3/2016	
LAB SAMPLE ID	Use Criteria		L1613266-16		L1613266-17		L1613105-12		L1613105-13		L1613105-14		L1613105-15		L1613105-16		L1613105-17		L1613266-01	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	0.053	U	0.052	U	-	-	-	-	-	-	-	-	0.11	U
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	0.066	U	0.065	U	-	-	-	-	-	-	-	-	0.14	U
2-Chloronaphthalene		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	0.14	U	0.14	U	-	-	-	-	-	-	-	-	0.29	U
2,4-Dinitrotoluene		mg/kg	-	-	-	-	0.092	U	0.09	U	-	-	-	-	-	-	-	-	0.19	U
2,6-Dinitrotoluene		mg/kg	-	-	-	-	0.073	U	0.072	U	-	-	-	-	-	-	-	-	0.15	U
Fluoranthene	100	mg/kg	-	-	-	-	3.8	U	1.3	U	-	-	-	-	-	-	-	-	0.71	U
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	0.22	U	0.22	U	-	-	-	-	-	-	-	-	0.46	U
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	0.2	U	0.2	U	-	-	-	-	-	-	-	-	0.41	U
Hexachlorobutadiene		mg/kg	-	-	-	-	0.069	U	0.067	U	-	-	-	-	-	-	-	-	0.14	U
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	0.53	U	0.52	U	-	-	-	-	-	-	-	-	1.1	U
Hexachloroethane		mg/kg	-	-	-	-	0.09	U	0.088	U	-	-	-	-	-	-	-	-	0.18	U
Isophorone		mg/kg	-	-	-	-	0.062	U	0.061	U	-	-	-	-	-	-	-	-	0.13	U
Naphthalene	12	mg/kg	-	-	-	-	0.048	J	0.61	U	-	-	-	-	-	-	-	-	0.66	U
Nitrobenzene		mg/kg	-	-	-	-	0.082	U	0.08	U	-	-	-	-	-	-	-	-	0.17	U
NitrosoDiPhenylAmine (NDPA)/DPA		mg/kg	-	-	-	-	0.045	U	0.045	U	-	-	-	-	-	-	-	-	0.093	U
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	0.046	U	0.046	U	-	-	-	-	-	-	-	-	0.096	U
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Butyl benzyl phthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Di-n-butylphthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Di-n-octylphthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Diethyl phthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Dimethyl phthalate		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Benzo(a)anthracene	1	mg/kg	-	-	-	-	2.5	U	0.68	U	-	-	-	-	-	-	-	-	0.66	U
Benzo(a)pyrene	1	mg/kg	-	-	-	-	2.8	U	0.63	U	-	-	-	-	-	-	-	-	0.28	U
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	3.1	U	0.82	U	-	-	-	-	-	-	-	-	0.096	U
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	1.4	U	0.31	U	-	-	-	-	-	-	-	-	0.08	U
Chrysene	1	mg/kg	-	-	-	-	2.6	U	1	U	-	-	-	-	-	-	-	-	1.8	U
Acenaphthylene	100	mg/kg	-	-	-	-	0.27	U	0.14	U	-	-	-	-	-	-	-	-	0.3	U
Anthracene	100	mg/kg	-	-	-	-	0.38	U	0.3	U	-	-	-	-	-	-	-	-	0.7	U
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	1.9	U	0.46	U	-	-	-	-	-	-	-	-	0.3	U
Fluorene	30	mg/kg	-	-	-	-	0.18	U	0.48	U	-	-	-	-	-	-	-	-	0.85	U
Phenanthrene	100	mg/kg	-	-	-	-	1	U	1.8	U	-	-	-	-	-	-	-	-	2.6	U
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	0.45	U	0.11	U	-	-	-	-	-	-	-	-	0.13	U
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	1.9	U	0.41	U	-	-	-	-	-	-	-	-	0.16	U
Pyrene	100	mg/kg	-	-	-	-	4.8	U	1.7	U	-	-	-	-	-	-	-	-	4.9	U
Biphenyl		mg/kg	-	-	-	-	0.42	U	0.42	U	-	-	-	-	-	-	-	-	0.55	J
4-Chloroaniline		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
2-Nitroaniline		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
3-Nitroaniline		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
4-Nitroaniline		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Dibenzofuran	7	mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
2-Methylnaphthalene		mg/kg	-	-	-	-	0.051	J	2.8	U	-	-	-	-	-	-	-	-	2.8	U
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Acetophenone		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	0.1	U	0.1	U	-	-	-	-	-	-	-	-	0.22	U
p-Chloro-M-Cresol		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
2-Chlorophenol		mg/kg	-	-	-	-	0.061	U	0.06	U	-	-	-	-	-	-	-	-	0.12	U
2,4-Dichlorophenol		mg/kg	-	-	-	-	0.088	U	0.087	U	-	-	-	-	-	-	-	-	0.18	U
2,4-Dimethylphenol		mg/kg	-	-	-	-	0.18	U	0.17	U	-	-	-	-	-	-	-	-	0.36	U
2-Nitrophenol		mg/kg	-	-	-	-	0.4	U	0.39	U	-	-	-	-	-	-	-	-	0.82	U
4-Nitrophenol		mg/kg	-	-	-	-	0.26	U	0.25	U	-	-	-	-	-	-	-	-	0.53	U
2,4-Dinitrophenol		mg/kg	-	-	-	-	0.26	U	0.26	U	-	-	-	-	-	-	-	-	0.55	U
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	0.26	U	0.26	U	-	-	-	-	-	-	-	-	0.55	U
Pentachlorophenol	0.8	mg/kg	-	-	-	-	0.12	U	0.12	U	-	-	-	-	-	-	-	-	0.25	U
Phenol	0.33	mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID R (5-10) DSB4		GRID R (10-15) DSB4		GRIDS (5-10) CS		GRIDS (10-15) CS		GRIDS (5-10) DSB2		GRIDS (10-15) DSB2		GRIDSD (15-20) DSB2		GRIDSD (20-25) DSB2		GRID T (5-10) CS	
SAMPLING DATE	Unrestricted		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/3/2016	
LAB SAMPLE ID	Use Criteria		L1613266-16		L1613266-17		L1613105-12		L1613105-13		L1613105-14		L1613105-15		L1613105-16		L1613105-17		L1613266-01	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	0.26	U	0.26	U	-	-	-	-	-	-	-	-	0.55	U
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Benzoic Acid		mg/kg	-	-	-	-	0.59	U	0.58	U	-	-	-	-	-	-	-	-	1.2	U
Benzyl Alcohol		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Carbazole		mg/kg	-	-	-	-	0.068	J	0.18	U	-	-	-	-	-	-	-	-	0.38	U
n-Nitrosodimethylamine		mg/kg	-	-	-	-	0.37	U	0.36	U	-	-	-	-	-	-	-	-	0.76	U
Benzaldehyde		mg/kg	-	-	-	-	0.24	U	0.24	U	-	-	-	-	-	-	-	-	0.5	U
Caprolactam		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
Atrazine		mg/kg	-	-	-	-	0.15	U	0.14	U	-	-	-	-	-	-	-	-	0.3	U
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	0.18	U	0.18	U	-	-	-	-	-	-	-	-	0.38	U
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	-	-	-	-	1	U	1	U	-	-	-	-	-	-	-	-	0.03	J
Barium, TCLP		mg/l	-	-	-	-	0.51	U	0.49	J	-	-	-	-	-	-	-	-	0.38	J
Cadmium, TCLP		mg/l	-	-	-	-	0.1	U	0.1	U	-	-	-	-	-	-	-	-	0.1	U
Chromium, TCLP		mg/l	-	-	-	-	0.2	U	0.2	U	-	-	-	-	-	-	-	-	0.2	U
Lead, TCLP		mg/l	-	-	-	-	0.11	J	0.12	J	-	-	-	-	-	-	-	-	0.46	J
Mercury, TCLP		mg/l	-	-	-	-	0.001	U	0.001	U	-	-	-	-	-	-	-	-	0.001	U
Selenium, TCLP		mg/l	-	-	-	-	0.5	U	0.5	U	-	-	-	-	-	-	-	-	0.03	J
Silver, TCLP		mg/l	-	-	-	-	0.1	U	0.1	U	-	-	-	-	-	-	-	-	0.1	U
Total Metals																				
Aluminum, Total		mg/kg	-	-	-	-	6100		4500		-	-	-	-	-	-	-	-	5400	
Antimony, Total		mg/kg	-	-	-	-	4.4	U	4.2	U	-	-	-	-	-	-	-	-	4.5	U
Arsenic, Total	13	mg/kg	-	-	-	-	2.3		0.9		-	-	-	-	-	-	-	-	5	
Barium, Total	350	mg/kg	-	-	-	-	47		40		-	-	-	-	-	-	-	-	72	
Beryllium, Total	7.2	mg/kg	-	-	-	-	0.3	J	0.21	J	-	-	-	-	-	-	-	-	0.32	J
Cadmium, Total	2.5	mg/kg	-	-	-	-	0.89	U	0.84	U	-	-	-	-	-	-	-	-	0.9	U
Calcium, Total		mg/kg	-	-	-	-	6600		2300		-	-	-	-	-	-	-	-	4100	
Chromium, Total		mg/kg	-	-	-	-	13		8.9		-	-	-	-	-	-	-	-	8.7	
Cobalt, Total		mg/kg	-	-	-	-	4.4		3.7		-	-	-	-	-	-	-	-	3.4	
Copper, Total	50	mg/kg	-	-	-	-	70		9.4		-	-	-	-	-	-	-	-	13	
Iron, Total		mg/kg	-	-	-	-	17000		11000		-	-	-	-	-	-	-	-	10000	
Lead, Total	63	mg/kg	-	-	-	-	9		18		-	-	-	-	-	-	-	-	72	
Magnesium, Total		mg/kg	-	-	-	-	1300		1100		-	-	-	-	-	-	-	-	1300	
Manganese, Total	1600	mg/kg	-	-	-	-	350		370		-	-	-	-	-	-	-	-	210	
Mercury, Total	0.18	mg/kg	-	-	-	-	0.21		0.06	J	-	-	-	-	-	-	-	-	2.7	
Nickel, Total	30	mg/kg	-	-	-	-	9.3		7		-	-	-	-	-	-	-	-	6.2	
Potassium, Total		mg/kg	-	-	-	-	670		470		-	-	-	-	-	-	-	-	350	
Selenium, Total	3.9	mg/kg	-	-	-	-	1.5	J	1.2	J	-	-	-	-	-	-	-	-	1.8	U
Silver, Total	2	mg/kg	-	-	-	-	0.32	J	0.25	J	-	-	-	-	-	-	-	-	0.9	U
Sodium, Total		mg/kg	-	-	-	-	170	J	70	J	-	-	-	-	-	-	-	-	92	J
Thallium, Total		mg/kg	-	-	-	-	1.8	U	1.7	U	-	-	-	-	-	-	-	-	1.8	U
Vanadium, Total		mg/kg	-	-	-	-	31		20		-	-	-	-	-	-	-	-	16	
Zinc, Total	109	mg/kg	-	-	-	-	29		27		-	-	-	-	-	-	-	-	35	
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,1-Dichloroethane	0.27	mg/kg	0.0024	U	0.13	U	-	-	-	-	0.11	U	0.017	J	1	U	0.82	U	-	-
Chloroform	0.37	mg/kg	0.0024	U	0.13	U	-	-	-	-	0.11	U	0.079	U	1	U	0.82	U	-	-
Carbon tetrachloride	0.76	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
1,2-Dichloropropane		mg/kg	0.0056	U	0.3	U	-	-	-	-	0.26	U	0.18	U	2.4	U	1.9	U	-	-
Dibromochloromethane		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
1,1,2-Trichloroethane		mg/kg	0.0024	U	0.13	U	-	-	-	-	0.11	U	0.079	U	1	U	0.82	U	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.0016	U	0.016	J	-	-	-	-	0.18		0.052	U	0.68	U	0.55	U	-	-
Chlorobenzene	1.1	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
Trichlorofluoromethane		mg/kg	0.0021	J	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,2-Dichloroethane	0.02	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
1,1,1-Trichloroethane	0.68	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
Bromodichloromethane		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
trans-1,3-Dichloropropene		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
cis-1,3-Dichloropropene		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID R (5-10) DSB4		GRID R (10-15) DSB4		GRIDS (5-10) CS		GRIDS (10-15) CS		GRIDS (5-10) DSB2		GRIDS (10-15) DSB2		GRIDSD (15-20) DSB2		GRIDSD (20-25) DSB2		GRID T (5-10) CS	
SAMPLING DATE	Unrestricted		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/3/2016	
LAB SAMPLE ID	Use Criteria		L1613266-16		L1613266-17		L1613105-12		L1613105-13		L1613105-14		L1613105-15		L1613105-16		L1613105-17		L1613266-01	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
Bromoform		mg/kg	0.0064	U	0.34	U	-	-	-	-	0.3	U	0.21	U	2.7	U	2.2	U	-	-
1,1,2,2-Tetrachloroethane		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
Benzene	0.06	mg/kg	0.0016	U	0.018	J	-	-	-	-	0.074	U	0.2	U	0.13	J	0.16	J	-	-
Toluene	0.7	mg/kg	0.00048	J	0.34	U	-	-	-	-	0.04	J	0.2	U	0.19	J	0.64	J	-	-
Ethylbenzene	1	mg/kg	0.0016	U	0.43	U	-	-	-	-	0.053	J	2.6	U	3.7	U	3	U	-	-
Chloromethane		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
Bromomethane		mg/kg	0.0032	U	0.17	U	-	-	-	-	0.15	U	0.028	J	1.4	U	1.1	U	-	-
Vinyl chloride	0.02	mg/kg	0.0032	U	0.17	U	-	-	-	-	0.15	U	0.1	U	1.4	U	1.1	U	-	-
Chloroethane		mg/kg	0.0032	U	0.17	U	-	-	-	-	0.15	U	0.1	U	1.4	U	1.1	U	-	-
1,1-Dichloroethene	0.33	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
trans-1,2-Dichloroethene	0.19	mg/kg	0.0024	U	0.13	U	-	-	-	-	0.11	U	0.079	U	1	U	0.82	U	-	-
Trichloroethene	0.47	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
1,2-Dichlorobenzene	1.1	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,3-Dichlorobenzene	2.4	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,4-Dichlorobenzene	1.8	mg/kg	0.008	U	0.086	J	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
Methyl tert butyl ether	0.93	mg/kg	0.0032	U	0.17	U	-	-	-	-	0.15	U	0.1	U	1.4	U	1.1	U	-	-
p/m-Xylene		mg/kg	0.00069	J	2.7	U	-	-	-	-	0.12	J	0.03	J	1.4	U	0.26	J	-	-
o-Xylene		mg/kg	0.00044	J	1.4	U	-	-	-	-	0.08	J	0.33	U	0.39	J	0.87	J	-	-
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
Styrene		mg/kg	0.0032	U	0.17	U	-	-	-	-	0.15	U	0.062	J	1.4	U	1.1	U	-	-
Dichlorodifluoromethane		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
Acetone	0.05	mg/kg	0.0064	J	3.1	U	-	-	-	-	2.7	U	0.18	J	24	U	20	U	-	-
Carbon disulfide		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
2-Butanone	0.12	mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.25	J	6.8	U	5.5	U	-	-
Vinyl acetate		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
4-Methyl-2-pentanone		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.016	U	0.86	U	-	-	-	-	0.74	U	0.52	U	6.8	U	5.5	U	-	-
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,2-Dibromoethane		mg/kg	0.0048	U	0.26	U	-	-	-	-	0.22	U	0.16	U	2	U	1.6	U	-	-
1,3-Dichloropropane		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,1,1,2-Tetrachloroethane		mg/kg	0.0016	U	0.086	U	-	-	-	-	0.074	U	0.052	U	0.68	U	0.55	U	-	-
Bromobenzene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
n-Butylbenzene	12	mg/kg	0.0016	U	0.015	J	-	-	-	-	0.03	J	2.9	U	3.4	U	3.3	U	-	-
sec-Butylbenzene	11	mg/kg	0.0016	U	0.013	J	-	-	-	-	0.081	U	3.2	U	3.7	U	3.4	U	-	-
tert-Butylbenzene	5.9	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.24	J	0.35	J	0.25	J	-	-
p-Chlorotoluene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
p-Chlorotoluene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.0048	U	0.26	U	-	-	-	-	0.22	U	0.16	U	2	U	1.6	U	-	-
Hexachlorobutadiene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
Isopropylbenzene		mg/kg	0.0016	U	0.12	U	-	-	-	-	0.027	J	1.6	U	2.1	U	1.8	U	-	-
p-Isopropyltoluene		mg/kg	0.0016	U	0.74	U	-	-	-	-	0.057	J	0.026	J	0.68	U	0.093	J	-	-
Naphthalene	12	mg/kg	0.0011	J	0.51	U	-	-	-	-	0.37	U	15	U	20	U	21	U	-	-
Acrylonitrile		mg/kg	0.0064	U	0.34	U	-	-	-	-	0.3	U	0.21	U	2.7	U	2.2	U	-	-
n-Propylbenzene	3.9	mg/kg	0.0016	U	0.079	J	-	-	-	-	0.045	J	3.2	U	4.6	U	3.6	U	-	-
1,2,3-Trichlorobenzene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,2,4-Trichlorobenzene		mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-
1,3,5-Trimethylbenzene	8.4	mg/kg	0.008	U	0.13	J	-	-	-	-	0.076	J	0.26	U	3.4	U	2.7	U	-	-
1,2,4-Trimethylbenzene	3.6	mg/kg	0.008	U	0.23	J	-	-	-	-	0.16	J	0.11	J	3.4	U	0.58	J	-	-
1,4-Dioxane	0.1	mg/kg	0.16	U	8.6	U	-	-	-	-	7.4	U	5.2	U	68	U	55	U	-	-
p-Diethylbenzene		mg/kg	0.0064	U	0.058	J	-	-	-	-	0.29	J	1.6	U	1.9	J	2.5	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID R (5-10) DSB4		GRID R (10-15) DSB4		GRIDS (5-10)CS		GRIDS (10-15)CS		GRIDS (5-10) DSB2		GRIDS (10-15) DSB2		GRIDS (15-20) DSB2		GRIDS (20-25) DSB2		GRID T (5-10) CS	
SAMPLING DATE			5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/3/2016	
LAB SAMPLE ID			L1613266-16		L1613266-17		L1613105-12		L1613105-13		L1613105-14		L1613105-15		L1613105-16		L1613105-17		L1613266-01	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene	mg/kg	0.0064	U	0.23	J	-	-	-	-	0.14	J	0.027	J	2.7	U	2.2	U	-	-	
1,2,4,5-Tetramethylbenzene	mg/kg	0.0064	U	0.018	J	-	-	-	-	0.3	U	4.9	-	5.1	-	5.2	-	-	-	
Ethyl ether	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-	
trans-1,4-Dichloro-2-butene	mg/kg	0.008	U	0.43	U	-	-	-	-	0.37	U	0.26	U	3.4	U	2.7	U	-	-	
Acrolein	mg/kg	0.04	U	2.1	U	-	-	-	-	1.9	U	1.3	U	17	U	14	U	-	-	
Methyl Acetate	mg/kg	0.0064	U	3.6	-	-	-	-	-	0.24	J	0.21	U	2.7	U	2.2	U	-	-	
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane	mg/kg	0.032	U	0.78	J	-	-	-	-	1.5	U	0.57	J	0.52	J	0.56	J	-	-	
Tert-Butyl Alcohol	mg/kg	0.16	U	8.6	U	-	-	-	-	7.4	U	5.2	U	68	U	55	U	-	-	
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane	mg/kg	0.0018	J	6.1	-	-	-	-	-	0.087	J	3.1	-	3.4	-	3.9	-	-	-	
Freon-113	mg/kg	0.032	U	1.7	U	-	-	-	-	1.5	U	1	U	14	U	11	U	-	-	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID T (10-15) CS		GRID T (5-10) DSB3		GRID T (10-15) DSB3		GRID TD (15-20) DSB2		GRID TD (20-25) DSB2		GRID TD (25-30) DSB2		GRID U (5-10)CS		GRID U (10-15)CS		GRID U (5-10)DSB4	
SAMPLING DATE	Unrestricted Use Criteria		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613266-02		L1613266-03		L1613266-04		L1613266-05		L1613266-06		L1613266-07		L1613105-05		L1613105-06		L1613105-07	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	0.196	U	-	-	-	-	-	-	-	-	-	-	0.188	U	0.184	U	-	-
2,4,5-T		mg/kg	0.196	U	-	-	-	-	-	-	-	-	-	-	0.188	U	0.184	U	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	0.196	U	-	-	-	-	-	-	-	-	-	-	0.188	U	0.184	U	-	-
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	13		-	-	-	-	-	-	-	-	-	-	9.9		8.8	J	-	-
Solids, Total		%	83.9		85.9		90.1		89.8		92.8		94		88.6		89.7		86.9	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	1.1	U	-	-	-	-	-	-	-	-	-	-	1.1	U	1.1	U	-	-
pH (H)		SU	7.7		-	-	-	-	-	-	-	-	-	-	10.2		9.2		-	-
Cyanide, Reactive		mg/kg	10	U	-	-	-	-	-	-	-	-	-	-	10	U	10	U	-	-
Sulfide, Reactive		mg/kg	10	U	-	-	-	-	-	-	-	-	-	-	10	U	10	U	-	-
Ignitability of Solids																				
Ignitability			NI	NI	-	-	-	-	-	-	-	-	-	-	NI	NI	NI	NI	-	-
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	0.95	U	-	-	-	-	-	-	-	-	-	-	0.9	U	0.19	J	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	-	-	1160		9610		18900		3580		1420		-	-	-	-	45.4	
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1221	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1232	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1242	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1248	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1254	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1260	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1262	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Aroclor 1268	0.1	mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
PCBs, Total		mg/kg	0.0385	U	-	-	-	-	-	-	-	-	-	-	0.0368	U	0.0363	U	-	-
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Lindane	0.1	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	-	-	0.00074	U	0.00072	U	-	-
Alpha-BHC	0.02	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	-	-	0.00074	U	0.00072	U	-	-
Beta-BHC	0.036	mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Heptachlor	0.042	mg/kg	0.00092	U	-	-	-	-	-	-	-	-	-	-	0.00089	U	0.00087	U	-	-
Aldrin	0.005	mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Heptachlor epoxide		mg/kg	0.00346	U	-	-	-	-	-	-	-	-	-	-	0.00337	U	0.00327	U	-	-
Endrin	0.014	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	-	-	0.00548		0.00072	U	-	-
Endrin aldehyde		mg/kg	0.0023	U	-	-	-	-	-	-	-	-	-	-	0.00224	U	0.00218	U	-	-
Endrin ketone		mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Dieldrin	0.005	mg/kg	0.00115	U	-	-	-	-	-	-	-	-	-	-	0.00112	U	0.00109	U	-	-
4,4'-DDE	0.0033	mg/kg	0.00404		-	-	-	-	-	-	-	-	-	-	0.00292		0.00177		-	-
4,4'-DDD	0.0033	mg/kg	0.114		-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
4,4'-DDT	0.0033	mg/kg	0.00481		-	-	-	-	-	-	-	-	-	-	0.00432	PI	0.00553		-	-
Endosulfan I	2.4	mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Endosulfan II	2.4	mg/kg	0.00184	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.00174	U	-	-
Endosulfan sulfate	2.4	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	-	-	0.00074	U	0.00072	U	-	-
Methoxychlor		mg/kg	0.00346	U	-	-	-	-	-	-	-	-	-	-	0.00337	U	0.00327	U	-	-
Toxaphene		mg/kg	0.0346	U	-	-	-	-	-	-	-	-	-	-	0.0337	U	0.0327	U	-	-
Chlordane		mg/kg	0.015	U	-	-	-	-	-	-	-	-	-	-	0.0146	U	0.0142	U	-	-
cis-Chlordane	0.094	mg/kg	0.0023	U	-	-	-	-	-	-	-	-	-	-	0.00224	U	0.00218	U	-	-
trans-Chlordane		mg/kg	0.0023	U	-	-	-	-	-	-	-	-	-	-	0.00224	U	0.00218	U	-	-
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	0.49		-	-	-	-	-	-	-	-	-	-	0.17		0.022	J	-	-
Benzidine		mg/kg	1.3	U	-	-	-	-	-	-	-	-	-	-	0.61	U	0.6	U	-	-
1,2,4-Trichlorobenzene		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
Azobenzene		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID T (10-15) CS		GRID T (5-10) DSB3		GRID T (10-15) DSB3		GRID TD (15-20) DSB2		GRID TD (20-25) DSB2		GRID TD (25-30) DSB2		GRID U (5-10)CS		GRID U (10-15)CS		GRID U (5-10)DSB4	
SAMPLING DATE	Unrestricted Use Criteria		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613266-02		L1613266-03		L1613266-04		L1613266-05		L1613266-06		L1613266-07		L1613105-05		L1613105-06		L1613105-07	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	0.11	U	-	-	-	-	-	-	-	-	-	0.053	U	0.052	U	-	-	
Bis(2-chloroethyl)ether		mg/kg	0.14	U	-	-	-	-	-	-	-	-	-	0.067	U	0.066	U	-	-	
2-Chloronaphthalene		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3,3'-Dichlorobenzidine		mg/kg	0.3	U	-	-	-	-	-	-	-	-	-	0.14	U	0.14	U	-	-	
2,4-Dinitrotoluene		mg/kg	0.2	U	-	-	-	-	-	-	-	-	-	0.092	U	0.091	U	-	-	
2,6-Dinitrotoluene		mg/kg	0.16	U	-	-	-	-	-	-	-	-	-	0.073	U	0.072	U	-	-	
Fluoranthene	100	mg/kg	0.53		-	-	-	-	-	-	-	-	-	4.1		0.26		-	-	
4-Chlorophenyl phenyl ether		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
4-Bromophenyl phenyl ether		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Bis(2-chloroisopropyl)ether		mg/kg	0.47	U	-	-	-	-	-	-	-	-	-	0.22	U	0.22	U	-	-	
Bis(2-chloroethoxy)methane		mg/kg	0.43	U	-	-	-	-	-	-	-	-	-	0.2	U	0.2	U	-	-	
Hexachlorobutadiene		mg/kg	0.15	U	-	-	-	-	-	-	-	-	-	0.069	U	0.068	U	-	-	
Hexachlorocyclopentadiene		mg/kg	1.1	U	-	-	-	-	-	-	-	-	-	0.53	U	0.52	U	-	-	
Hexachloroethane		mg/kg	0.19	U	-	-	-	-	-	-	-	-	-	0.09	U	0.089	U	-	-	
Isophorone		mg/kg	0.13	U	-	-	-	-	-	-	-	-	-	0.062	U	0.061	U	-	-	
Naphthalene	12	mg/kg	3.3		-	-	-	-	-	-	-	-	-	0.055	J	0.18	U	-	-	
Nitrobenzene		mg/kg	0.18	U	-	-	-	-	-	-	-	-	-	0.082	U	0.081	U	-	-	
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	0.097	U	-	-	-	-	-	-	-	-	-	0.046	U	0.045	U	-	-	
n-Nitrosodi-n-propylamine		mg/kg	0.099	U	-	-	-	-	-	-	-	-	-	0.047	U	0.046	U	-	-	
Bis(2-Ethylhexyl)phthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.29		0.13	J	-	-	
Butyl benzyl phthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Di-n-butylphthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Di-n-octylphthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Diethyl phthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Dimethyl phthalate		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Benzo(a)anthracene	1	mg/kg	0.53		-	-	-	-	-	-	-	-	-	3.1		0.12		-	-	
Benzo(a)pyrene	1	mg/kg	0.29	U	-	-	-	-	-	-	-	-	-	2.5		0.081	J	-	-	
Benzo(b)fluoranthene	1	mg/kg	0.099	U	-	-	-	-	-	-	-	-	-	2.8		0.12		-	-	
Benzo(k)fluoranthene	0.8	mg/kg	0.083	U	-	-	-	-	-	-	-	-	-	1.1		0.039		-	-	
Chrysene	1	mg/kg	1.2		-	-	-	-	-	-	-	-	-	3.4		0.14		-	-	
Acenaphthylene	100	mg/kg	0.27	J	-	-	-	-	-	-	-	-	-	0.36		0.15	U	-	-	
Anthracene	100	mg/kg	0.88		-	-	-	-	-	-	-	-	-	0.53		0.049	J	-	-	
Benzo(ghi)perylene	100	mg/kg	0.32	U	-	-	-	-	-	-	-	-	-	1.4		0.047	J	-	-	
Fluorene	30	mg/kg	1.4		-	-	-	-	-	-	-	-	-	0.12	J	0.018	J	-	-	
Phenanthrene	100	mg/kg	4.6		-	-	-	-	-	-	-	-	-	2.2		0.33		-	-	
Dibenzo(a,h)anthracene	0.33	mg/kg	0.14	U	-	-	-	-	-	-	-	-	-	0.39		0.064	U	-	-	
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	0.16	U	-	-	-	-	-	-	-	-	-	1.3		0.05	J	-	-	
Pyrene	100	mg/kg	3.5		-	-	-	-	-	-	-	-	-	5.8		0.23		-	-	
Biphenyl		mg/kg	0.74	J	-	-	-	-	-	-	-	-	-	0.42	U	0.42	U	-	-	
4-Chloroaniline		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
2-Nitroaniline		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
3-Nitroaniline		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
4-Nitroaniline		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Dibenzofuran	7	mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.04	J	0.18	U	-	-	
2-Methylnaphthalene		mg/kg	8		-	-	-	-	-	-	-	-	-	0.028	J	0.22	U	-	-	
1,2,4,5-Tetrachlorobenzene		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
Acetophenone		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
2,4,6-Trichlorophenol		mg/kg	0.22	U	-	-	-	-	-	-	-	-	-	0.1	U	0.1	U	-	-	
P-Chloro-M-Cresol		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	
2-Chlorophenol		mg/kg	0.13	U	-	-	-	-	-	-	-	-	-	0.061	U	0.06	U	-	-	
2,4-Dichlorophenol		mg/kg	0.19	U	-	-	-	-	-	-	-	-	-	0.089	U	0.088	U	-	-	
2,4-Dimethylphenol		mg/kg	0.38	U	-	-	-	-	-	-	-	-	-	0.18	U	0.17	U	-	-	
2-Nitrophenol		mg/kg	0.85	U	-	-	-	-	-	-	-	-	-	0.4	U	0.39	U	-	-	
4-Nitrophenol		mg/kg	0.55	U	-	-	-	-	-	-	-	-	-	0.26	U	0.26	U	-	-	
2,4-Dinitrophenol		mg/kg	0.57	U	-	-	-	-	-	-	-	-	-	0.27	U	0.26	U	-	-	
4,6-Dinitro-o-cresol		mg/kg	0.57	U	-	-	-	-	-	-	-	-	-	0.27	U	0.26	U	-	-	
Pentachlorophenol	0.8	mg/kg	0.26	U	-	-	-	-	-	-	-	-	-	0.12	U	0.12	U	-	-	
Phenol	0.33	mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-	

Table 5B - Waste Characterization Samples (GZA Results)

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553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID T (10-15) CS		GRID T (5-10) DSB3		GRID T (10-15) DSB3		GRID TD (15-20) DSB2		GRID TD (20-25) DSB2		GRID TD (25-30) DSB2		GRID U (5-10)CS		GRID U (10-15)CS		GRID U (5-10)DSB4	
SAMPLING DATE	Unrestricted Use Criteria		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613266-02		L1613266-03		L1613266-04		L1613266-05		L1613266-06		L1613266-07		L1613105-05		L1613105-06		L1613105-07	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	0.57	U	-	-	-	-	-	-	-	-	-	-	0.27	U	0.26	U	-	-
2,4,5-Trichlorophenol		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
Benzoic Acid		mg/kg	1.3	U	-	-	-	-	-	-	-	-	-	-	0.59	U	0.58	U	-	-
Benzyl Alcohol		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
Carbazole		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.079	J	0.024	J	-	-
n-Nitrosodimethylamine		mg/kg	0.79	U	-	-	-	-	-	-	-	-	-	-	0.37	U	0.36	U	-	-
Benzaldehyde		mg/kg	0.52	U	-	-	-	-	-	-	-	-	-	-	0.24	U	0.24	U	-	-
Caprolactam		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
Atrazine		mg/kg	0.32	U	-	-	-	-	-	-	-	-	-	-	0.15	U	0.15	U	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	0.39	U	-	-	-	-	-	-	-	-	-	-	0.18	U	0.18	U	-	-
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	0.04	J	-	-	-	-	-	-	-	-	-	-	1	U	1	U	-	-
Barium, TCLP		mg/l	0.46	J	-	-	-	-	-	-	-	-	-	-	0.39	J	0.22	J	-	-
Cadmium, TCLP		mg/l	0.1	U	-	-	-	-	-	-	-	-	-	-	0.1	U	0.1	U	-	-
Chromium, TCLP		mg/l	0.2	U	-	-	-	-	-	-	-	-	-	-	0.2	U	0.2	U	-	-
Lead, TCLP		mg/l	0.19	J	-	-	-	-	-	-	-	-	-	-	0.1	J	0.5	U	-	-
Mercury, TCLP		mg/l	0.001	U	-	-	-	-	-	-	-	-	-	-	0.001	U	0.001	U	-	-
Selenium, TCLP		mg/l	0.5	U	-	-	-	-	-	-	-	-	-	-	0.5	U	0.5	U	-	-
Silver, TCLP		mg/l	0.1	U	-	-	-	-	-	-	-	-	-	-	0.1	U	0.1	U	-	-
Total Metals																				
Aluminum, Total		mg/kg	5000		-	-	-	-	-	-	-	-	-	-	4600		4200		-	-
Antimony, Total		mg/kg	4.7	U	-	-	-	-	-	-	-	-	-	-	4.5	U	4.2	U	-	-
Arsenic, Total	13	mg/kg	4.1		-	-	-	-	-	-	-	-	-	-	2.4		1.4		-	-
Barium, Total	350	mg/kg	34		-	-	-	-	-	-	-	-	-	-	88		22		-	-
Beryllium, Total	7.2	mg/kg	0.21	J	-	-	-	-	-	-	-	-	-	-	0.22	J	0.23	J	-	-
Cadmium, Total	2.5	mg/kg	0.94	U	-	-	-	-	-	-	-	-	-	-	0.9	U	0.84	U	-	-
Calcium, Total		mg/kg	2100		-	-	-	-	-	-	-	-	-	-	11000		4100		-	-
Chromium, Total		mg/kg	13		-	-	-	-	-	-	-	-	-	-	9.9		9		-	-
Cobalt, Total		mg/kg	4.5		-	-	-	-	-	-	-	-	-	-	3.4		2.7		-	-
Copper, Total	50	mg/kg	11		-	-	-	-	-	-	-	-	-	-	15		8.7		-	-
Iron, Total		mg/kg	12000		-	-	-	-	-	-	-	-	-	-	8200		11000		-	-
Lead, Total	63	mg/kg	8.1		-	-	-	-	-	-	-	-	-	-	110		1.1	J	-	-
Magnesium, Total		mg/kg	1300		-	-	-	-	-	-	-	-	-	-	1500		1100		-	-
Manganese, Total	1600	mg/kg	330		-	-	-	-	-	-	-	-	-	-	150		180		-	-
Mercury, Total	0.18	mg/kg	0.09		-	-	-	-	-	-	-	-	-	-	0.58		0.11		-	-
Nickel, Total	30	mg/kg	7.9		-	-	-	-	-	-	-	-	-	-	10		5.9		-	-
Potassium, Total		mg/kg	530		-	-	-	-	-	-	-	-	-	-	600		460		-	-
Selenium, Total	3.9	mg/kg	1.9	U	-	-	-	-	-	-	-	-	-	-	1.4	J	1.3	J	-	-
Silver, Total	2	mg/kg	0.94	U	-	-	-	-	-	-	-	-	-	-	0.27	J	0.24	J	-	-
Sodium, Total		mg/kg	68	J	-	-	-	-	-	-	-	-	-	-	160	J	74	J	-	-
Thallium, Total		mg/kg	1.9	U	-	-	-	-	-	-	-	-	-	-	1.8	U	1.7	U	-	-
Vanadium, Total		mg/kg	17		-	-	-	-	-	-	-	-	-	-	12		17		-	-
Zinc, Total	109	mg/kg	24		-	-	-	-	-	-	-	-	-	-	61		21		-	-
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,1-Dichloroethane	0.27	mg/kg	-	-	0.093	U	0.17	U	0.44	U	0.38	U	0.59	U	-	-	-	-	0.0018	U
Chloroform	0.37	mg/kg	-	-	0.093	U	0.17	U	0.44	U	0.38	U	0.59	U	-	-	-	-	0.00087	J
Carbon tetrachloride	0.76	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
1,2-Dichloropropane		mg/kg	-	-	0.22	U	0.4	U	1	U	0.89	U	1.4	U	-	-	-	-	0.0041	U
Dibromochloromethane		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
1,1,2-Trichloroethane		mg/kg	-	-	0.093	U	0.17	U	0.44	U	0.38	U	0.59	U	-	-	-	-	0.0018	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	-	-	0.072		0.36		0.3	U	0.26	U	0.45		-	-	-	-	0.0093	
Chlorobenzene	1.1	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
Trichlorofluoromethane		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,2-Dichloroethane	0.02	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
1,1,1-Trichloroethane	0.68	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
Bromodichloromethane		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
trans-1,3-Dichloropropene		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
cis-1,3-Dichloropropene		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION			GRID T (10-15) CS		GRID T (5-10) DSB3		GRID T (10-15) DSB3		GRID TD (15-20) DSB2		GRID TD (20-25) DSB2		GRID TD (25-30) DSB2		GRID U (5-10)CS		GRID U (10-15)CS		GRID U (5-10)DSB4	
SAMPLING DATE	NY Unrestricted Use Criteria		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613266-02		L1613266-03		L1613266-04		L1613266-05		L1613266-06		L1613266-07		L1613105-05		L1613105-06		L1613105-07	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Bromoform		mg/kg	-	-	0.25	U	0.46	U	1.2	U	1	U	1.6	U	-	-	-	-	0.0047	U
1,1,2,2-Tetrachloroethane		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
Benzene	0.06	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
Toluene	0.7	mg/kg	-	-	0.093	U	0.035	J	0.15	J	0.29	J	0.59	U	-	-	-	-	0.0012	J
Ethylbenzene	1	mg/kg	-	-	0.062	U	0.59		5.7		7.4		2.7		-	-	-	-	0.0012	U
Chloromethane		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Bromomethane		mg/kg	-	-	0.021	J	0.23	U	0.59	U	0.51	U	0.79	U	-	-	-	-	0.0023	U
Vinyl chloride	0.02	mg/kg	-	-	0.12	U	0.23	U	0.59	U	0.51	U	0.79	U	-	-	-	-	0.0023	U
Chloroethane		mg/kg	-	-	0.12	U	0.23	U	0.59	U	0.51	U	0.79	U	-	-	-	-	0.0023	U
1,1-Dichloroethene	0.33	mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
trans-1,2-Dichloroethene	0.19	mg/kg	-	-	0.093	U	0.17	U	0.44	U	0.38	U	0.59	U	-	-	-	-	0.0018	U
Trichloroethene	0.47	mg/kg	-	-	0.017	J	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	
1,2-Dichlorobenzene	1.1	mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,3-Dichlorobenzene	2.4	mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,4-Dichlorobenzene	1.8	mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Methyl tert butyl ether	0.93	mg/kg	-	-	0.12	U	0.23	U	0.59	U	0.51	U	0.79	U	-	-	-	-	0.0023	U
p/m-Xylene		mg/kg	-	-	0.012	J	1		0.48	J	12		7.9		-	-	-	-	0.00041	J
o-Xylene		mg/kg	-	-	0.12	U	0.32		0.13	J	2.9		1		-	-	-	-	0.0023	U
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	-	-	0.018	J	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
Styrene		mg/kg	-	-	0.12	U	0.23	U	0.59	U	0.51	U	0.79	U	-	-	-	-	0.0023	U
Dichlorodifluoromethane		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
Acetone	0.05	mg/kg	-	-	0.18	J	0.26	J	11	U	9.2	U	14	U	-	-	-	-	0.011	J
Carbon disulfide		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
2-Butanone	0.12	mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
Vinyl acetate		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
4-Methyl-2-pentanone		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	-	-	0.62	U	1.1	U	3	U	2.6	U	4	U	-	-	-	-	0.012	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,2-Dibromoethane		mg/kg	-	-	0.19	U	0.34	U	0.89	U	0.77	U	1.2	U	-	-	-	-	0.0035	U
1,3-Dichloropropane		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,1,1,2-Tetrachloroethane		mg/kg	-	-	0.062	U	0.11	U	0.3	U	0.26	U	0.4	U	-	-	-	-	0.0012	U
Bromobenzene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
n-Butylbenzene	12	mg/kg	-	-	0.013	J	1.2		3.6		9.2		9.2		-	-	-	-	0.0012	U
sec-Butylbenzene	11	mg/kg	-	-	0.062	U	0.99		2.7		8		8.2		-	-	-	-	0.0012	U
tert-Butylbenzene	5.9	mg/kg	-	-	0.31	U	0.087	J	0.24	J	1.3	U	2	U	-	-	-	-	0.0059	U
o-Chlorotoluene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
p-Chlorotoluene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,2-Dibromo-3-chloropropane		mg/kg	-	-	0.19	U	0.34	U	0.89	U	0.77	U	1.2	U	-	-	-	-	0.0035	U
Hexachlorobutadiene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Isopropylbenzene		mg/kg	-	-	0.062	U	0.55		2.5		5.4		3.1		-	-	-	-	0.0012	U
p-Isopropyltoluene		mg/kg	-	-	0.062	U	1.3		0.79		10		11		-	-	-	-	0.0012	U
Naphthalene	12	mg/kg	-	-	0.14	J	3.2		8.8		16		5		-	-	-	-	0.0051	J
Acrylonitrile		mg/kg	-	-	0.25	U	0.46	U	1.2	U	1	U	1.6	U	-	-	-	-	0.0047	U
n-Propylbenzene	3.9	mg/kg	-	-	0.062	U	1.2		4.3		10		5.8		-	-	-	-	0.0012	U
1,2,3-Trichlorobenzene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,2,4-Trichlorobenzene		mg/kg	-	-	0.31	U	0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
1,3,5-Trimethylbenzene	8.4	mg/kg	-	-	0.31	U	2.4		1.5	U	22		19		-	-	-	-	0.0059	U
1,2,4-Trimethylbenzene	3.6	mg/kg	-	-	0.037	J	8.7		2.4		67		60		-	-	-	-	0.00025	J
1,4-Dioxane	0.1	mg/kg	-	-	6.2	U	11	U	30	U	26	U	40	U	-	-	-	-	0.12	U
p-Diethylbenzene		mg/kg	-	-	0.043	J	6.7		2.7		49		57		-	-	-	-	0.0047	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID T (10-15) CS		GRID T (5-10) DSB3		GRID T (10-15) DSB3		GRID TD (15-20) DSB2		GRID TD (20-25) DSB2		GRID TD (25-30) DSB2		GRID U (5-10)CS		GRID U (10-15)CS		GRID U (5-10)DSB4	
SAMPLING DATE			5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613266-02		L1613266-03		L1613266-04		L1613266-05		L1613266-06		L1613266-07		L1613105-05		L1613105-06		L1613105-07	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene	mg/kg	-	-	0.023	J		5		1.3		46		38		-	-	-	-	0.00019	J
1,2,4,5-Tetramethylbenzene	mg/kg	-	-	0.036	J		1.7		4.8		11		8.8		-	-	-	-	0.0047	U
Ethyl ether	mg/kg	-	-	0.31	U		0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	0.31	U		0.57	U	1.5	U	1.3	U	2	U	-	-	-	-	0.0059	U
Acrolein	mg/kg	-	-	1.6	U		2.8	U	7.4	U	6.4	U	9.9	U	-	-	-	-	0.029	U
Methyl Acetate	mg/kg	-	-	0.71			0.46	U	1.2	U	1	U	1.6	U	-	-	-	-	0.0047	U
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	1.2	U		0.039	J	0.46	J	0.31	J	7.9	U	-	-	-	-	0.023	U
Tert-Butyl Alcohol	mg/kg	-	-	6.2	U		11	U	30	U	26	U	40	U	-	-	-	-	0.12	U
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	0.25	U		0.56		6.6		4.8		1	J	-	-	-	-	0.0047	U
Freon-113	mg/kg	-	-	1.2	U		2.3	U	5.9	U	5.1	U	7.9	U	-	-	-	-	0.023	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID U (10-15)DSB4		GRID UD (15-20)DSB1		GRID UD (20-25)DSB1		GRID UD (25-30)DSB1		GRID V (5-10)CS		GRID V (5-10)CS		GRID V (10-15)CS		GRID V (5-10)DSB5		GRID V (10-15)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613105-08		L1613105-09		L1613105-10		L1613105-11		L1613105-01		L1613105-01 R1		L1613105-02		L1613105-03		L1613105-04	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																				
2,4-D		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.184	U	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.184	U	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.184	U	-	-	-	-
Gasoline Range Organics																				
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																				
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	19		-	-	9.5		-	-	-	-
Solids, Total		%	91.3		88.8		91.4		95.1		87.6		-	-	89.9		88.4		89.3	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	1.1	U	-	-	1.1	U	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	8.1		-	-	8.1		-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	10	U	-	-	10	U	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	10	U	-	-	10	U	-	-	-	-
Ignitability of Solids																				
Ignitability			-	-	-	-	-	-	-	-	NI	NI	-	-	NI	NI	-	-	-	-
NJ Hexavalent Chromium																				
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	0.91	U	-	-	0.89	U	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																				
TPH		mg/kg	38.4		26.4	U	25.8	U	291		-	-	-	-	-	-	49.7		25.7	U
Polychlorinated Biphenyls by GC																				
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	0.0364	U	-	-	0.0364	U	-	-	-	-
Pesticides by GC																				
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	0.00071	U	-	-	0.00071	U	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	0.00071	U	-	-	0.00071	U	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	0.00086	U	-	-	0.00085	U	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	0.00323	U	-	-	0.0032	U	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	0.00071	U	-	-	0.00071	U	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	0.00215	U	-	-	0.00214	U	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	0.00108	U	-	-	0.00107	U	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	0.00059	J	-	-	0.00171	U	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	0.00323	U	-	-	0.0032	U	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	0.00172	U	-	-	0.00171	U	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	0.00071	U	-	-	0.00071	U	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	0.00323	U	-	-	0.0032	U	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	0.0323	U	-	-	0.032	U	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	0.014	U	-	-	0.0139	U	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	0.00215	U	-	-	0.00214	U	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	0.00215	U	-	-	0.00214	U	-	-	-	-
Semivolatile Organics by GC/MS																				
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	0.66		-	-	0.15	U	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	0.62	U	-	-	0.61	U	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID U (10-15)DSB4		GRID UD (15-20)DSB1		GRID UD (20-25)DSB1		GRID UD (25-30)DSB1		GRID V (5-10)CS		GRID V (5-10)CS		GRID V (10-15)CS		GRID V (5-10)DSB5		GRID V (10-15)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613105-08		L1613105-09		L1613105-10		L1613105-11		L1613105-01		L1613105-01 R1		L1613105-02		L1613105-03		L1613105-04	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	0.054	U	-	-	0.053	U	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	0.068	U	-	-	0.066	U	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	0.14	U	-	-	0.14	U	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	0.094	U	-	-	0.092	U	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	0.075	U	-	-	0.073	U	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	11	E	11		0.027	J	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	0.23	U	-	-	0.22	U	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	0.2	U	-	-	0.2	U	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	0.07	U	-	-	0.068	U	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	0.54	U	-	-	0.52	U	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	0.092	U	-	-	0.089	U	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	0.063	U	-	-	0.062	U	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	0.69		-	-	0.18	U	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	0.084	U	-	-	0.082	U	-	-	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	0.046	U	-	-	0.045	U	-	-	-	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	0.047	U	-	-	0.046	U	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	5.4		-	-	0.062	U	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	4.6		-	-	0.13	U	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	6.3		-	-	0.019	J	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	2.1		-	-	0.038	U	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	5.8		-	-	0.11	U	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	0.47		-	-	0.15	U	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	2		-	-	0.11	U	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	2.7		-	-	0.15	U	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	0.49		-	-	0.18	U	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	10	E	9.9		0.016	J	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	0.77		-	-	0.064	U	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	2.8		-	-	0.077	U	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	12	E	11		0.026	J	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	0.11	J	-	-	0.42	U	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Dibenzo furan	7	mg/kg	-	-	-	-	-	-	-	-	0.49		-	-	0.18	U	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	0.56		-	-	0.22	U	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	0.11	U	-	-	0.1	U	-	-	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	0.062	U	-	-	0.061	U	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	0.09	U	-	-	0.088	U	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	0.18	U	-	-	0.18	U	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	0.41	U	-	-	0.4	U	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	0.26	U	-	-	0.26	U	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	0.27	U	-	-	0.26	U	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	0.27	U	-	-	0.26	U	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	0.12	U	-	-	0.12	U	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID U (10-15)DSB4		GRID UD (15-20)DSB1		GRID UD (20-25)DSB1		GRID UD (25-30)DSB1		GRID V (5-10)CS		GRID V (5-10)CS		GRID V (10-15)CS		GRID V (5-10)DSB5		GRID V (10-15)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613105-08		L1613105-09		L1613105-10		L1613105-11		L1613105-01		L1613105-01 R1		L1613105-02		L1613105-03		L1613105-04	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	0.041	J	-	-	0.26	U	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	0.6	U	-	-	0.59	U	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	0.89	U	-	-	0.18	U	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	0.38	U	-	-	0.37	U	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	0.25	U	-	-	0.24	U	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	0.15	U	-	-	0.15	U	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	0.19	U	-	-	0.18	U	-	-	-	-
TCLP Metals by EPA 1311																				
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	1	U	-	-	1	U	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	0.49	J	-	-	0.54		-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	0.1	U	-	-	0.1	U	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	0.2	U	-	-	0.2	U	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	0.12	J	-	-	0.03	J	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	0.001	U	-	-	0.001	U	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	0.5	U	-	-	0.5	U	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	0.1	U	-	-	0.1	U	-	-	-	-
Total Metals																				
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	4700		-	-	4200		-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	1.1	J	-	-	4.4	U	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	3.9		-	-	1.3		-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	66		-	-	23		-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	0.24	J	-	-	0.2	J	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	0.89	U	-	-	0.88	U	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	3100		-	-	1800		-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	19		-	-	9.5		-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	4		-	-	3.6		-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	39		-	-	7.6		-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	12000		-	-	11000		-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	190		-	-	2.5	J	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	1600		-	-	1200		-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	190		-	-	180		-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	0.94		-	-	0.1		-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	14		-	-	6.4		-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	590		-	-	550		-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	1.3	J	-	-	1.2	J	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	0.22	J	-	-	0.18	J	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	96	J	-	-	76	J	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	1.8	U	-	-	1.8	U	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	20		-	-	19		-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	220		-	-	20		-	-	-	-
Volatile Organics by 8260/5035																				
Methylene chloride	0.05	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,1-Dichloroethane	0.27	mg/kg	0.0015	U	0.0018	U	0.0015	U	0.35	U	-	-	-	-	-	-	0.0017	U	0.0019	U
Chloroform	0.37	mg/kg	0.0015	U	0.0018	U	0.0015	U	0.35	U	-	-	-	-	-	-	0.00058	J	0.0019	U
Carbon tetrachloride	0.76	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,2-Dichloropropane		mg/kg	0.0035	U	0.0042	U	0.0036	U	0.82	U	-	-	-	-	-	-	0.004	U	0.0044	U
Dibromochloromethane		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,1,2-Trichloroethane		mg/kg	0.0015	U	0.0018	U	0.0015	U	0.35	U	-	-	-	-	-	-	0.0017	U	0.0019	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0015		0.0012	U
Chlorobenzene	1.1	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Trichlorofluoromethane		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,2-Dichloroethane	0.02	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,1,1-Trichloroethane	0.68	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Bromodichloromethane		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
trans-1,3-Dichloropropene		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
cis-1,3-Dichloropropene		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID U (10-15)DSB4		GRID UD (15-20)DSB1		GRID UD (20-25)DSB1		GRID UD (25-30)DSB1		GRID V (5-10)CS		GRID V (5-10)CS		GRID V (10-15)CS		GRID V (5-10)DSB5		GRID V (10-15)DSB5	
SAMPLING DATE			5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613105-08		L1613105-09		L1613105-10		L1613105-11		L1613105-01		L1613105-01 R1		L1613105-02		L1613105-03		L1613105-04	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
Bromoform		mg/kg	0.004	U	0.0048	U	0.0041	U	0.94	U	-	-	-	-	-	-	0.0046	U	0.005	U
1,1,2,2-Tetrachloroethane		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Benzene	0.06	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Toluene	0.7	mg/kg	0.00077	J	0.00094	J	0.00081	J	0.35	U	-	-	-	-	-	-	0.00062	J	0.00089	J
Ethylbenzene	1	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Chloromethane		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
Bromomethane		mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
Vinyl chloride	0.02	mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
Chloroethane		mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
1,1-Dichloroethene	0.33	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0015	U	0.0018	U	0.0015	U	0.35	U	-	-	-	-	-	-	0.0017	U	0.0019	U
Trichloroethene	0.47	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,2-Dichlorobenzene	1.1	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,3-Dichlorobenzene	2.4	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,4-Dichlorobenzene	1.8	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
Methyl tert butyl ether	0.93	mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
p-m-Xylene		mg/kg	0.00022	J	0.00024	J	0.00021	J	0.47	U	-	-	-	-	-	-	0.0003	J	0.00034	J
o-Xylene		mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
Styrene		mg/kg	0.002	U	0.0024	U	0.0021	U	0.47	U	-	-	-	-	-	-	0.0023	U	0.0025	U
Dichlorodifluoromethane		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
Acetone	0.05	mg/kg	0.0041	J	0.008	J	0.0072	J	8.4	U	-	-	-	-	-	-	0.0048	J	0.0043	J
Carbon disulfide		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
2-Butanone	0.12	mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
Vinyl acetate		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
4-Methyl-2-pentanone		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.01	U	0.012	U	0.01	U	2.3	U	-	-	-	-	-	-	0.012	U	0.012	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,2-Dibromoethane		mg/kg	0.003	U	0.0036	U	0.0031	U	0.7	U	-	-	-	-	-	-	0.0035	U	0.0037	U
1,3-Dichloropropane		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,1,1,2-Tetrachloroethane		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Bromobenzene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
n-Butylbenzene	12	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
sec-Butylbenzene	11	mg/kg	0.001	U	0.0012	U	0.001	U	0.64	U	-	-	-	-	-	-	0.0012	U	0.0012	U
tert-Butylbenzene	5.9	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
o-Chlorotoluene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
p-Chlorotoluene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,2-Dibromo-3-chloropropane		mg/kg	0.003	U	0.0036	U	0.0031	U	0.7	U	-	-	-	-	-	-	0.0035	U	0.0037	U
Hexachlorobutadiene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
Isopropylbenzene		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0058	U	0.0062	U
p-Isopropyltoluene		mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Naphthalene	12	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0012	U	0.0012	U
Acrylonitrile		mg/kg	0.004	U	0.0048	U	0.0041	U	0.94	U	-	-	-	-	-	-	0.0046	U	0.005	U
n-Propylbenzene	3.9	mg/kg	0.001	U	0.0012	U	0.001	U	0.23	U	-	-	-	-	-	-	0.0012	U	0.0012	U
1,2,3-Trichlorobenzene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,2,4-Trichlorobenzene		mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,3,5-Trimethylbenzene	8.4	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,2,4-Trimethylbenzene	3.6	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U
1,4-Dioxane	0.1	mg/kg	0.1	U	0.12	U	0.1	U	23	U	-	-	-	-	-	-	0.12	U	0.12	U
p-Diethylbenzene		mg/kg	0.004	U	0.0048	U	0.0041	U	1.1	U	-	-	-	-	-	-	0.0046	U	0.005	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID U (10-15)DSB4		GRID UD (15-20)DSB1		GRID UD (20-25)DSB1		GRID UD (25-30)DSB1		GRID V (5-10)CS		GRID V (5-10)CS		GRID V (10-15)CS		GRID V (5-10)DSB5		GRID V (10-15)DSB5	
SAMPLING DATE			5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016		5/2/2016	
LAB SAMPLE ID			L1613105-08		L1613105-09		L1613105-10		L1613105-11		L1613105-01		L1613105-01 R1		L1613105-02		L1613105-03		L1613105-04	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Ethyltoluene	mg/kg	0.004	U	0.0048	U	0.0041	U	0.94	U	-	-	-	-	-	-	0.0046	U	0.005	U	
1,2,4,5-Tetramethylbenzene	mg/kg	0.004	U	0.0048	U	0.0041	U	1.8	U	-	-	-	-	-	-	0.0046	U	0.005	U	
Ethyl ether	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U	
trans-1,4-Dichloro-2-butene	mg/kg	0.005	U	0.006	U	0.0052	U	1.2	U	-	-	-	-	-	-	0.0058	U	0.0062	U	
Acrolein	mg/kg	0.025	U	0.03	U	0.026	U	5.8	U	-	-	-	-	-	-	0.029	U	0.031	U	
Methyl Acetate	mg/kg	0.004	U	0.0048	U	0.0041	U	0.94	U	-	-	-	-	-	-	0.0046	U	0.005	U	
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane	mg/kg	0.02	U	0.024	U	0.021	U	4.7	U	-	-	-	-	-	-	0.023	U	0.025	U	
Tert-Butyl Alcohol	mg/kg	0.1	U	0.12	U	0.1	U	23	U	-	-	-	-	-	-	0.12	U	0.12	U	
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane	mg/kg	0.004	U	0.0048	U	0.0041	U	0.94	U	-	-	-	-	-	-	0.0046	U	0.005	U	
Freon-113	mg/kg	0.02	U	0.024	U	0.021	U	4.7	U	-	-	-	-	-	-	0.023	U	0.025	U	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID X (0-5)CS		GRID X (5-10)CS		GRID X (10-15)CS		GRID X (0-5)DSB3		GRID X (5-10)DSB3		GRID X (10-15)DSB3		GRID Y (0-5)CS		GRID Y (5-10)CS		GRID Y (10-15)CS		GRID Y (0-5)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		4/22/2016		4/22/2016		4/22/2016		5/4/2016		5/4/2016		5/4/2016		4/22/2016		4/22/2016		4/22/2016		5/4/2016	
LAB SAMPLE ID			L1612098-01		L1612098-02		L1612098-03		L1613381-05		L1613381-06		L1613381-07		L1612098-07		L1612098-08		L1612098-09		L1613381-08	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D		mg/kg	0.188	U	0.192	U	0.186	U	-	-	-	-	-	-	0.192	U	0.193	U	0.183	U	-	-
2,4,5-T		mg/kg	0.188	U	0.192	U	0.186	U	-	-	-	-	-	-	0.192	U	0.193	U	0.183	U	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	0.188	U	0.192	U	0.186	U	-	-	-	-	-	-	0.192	U	0.193	U	0.183	U	-	-
Gasoline Range Organics																						
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																						
Chromium, Trivalent	30	mg/kg	12		17		18		-	-	-	-	-	-	14		18		12		-	-
Solids, Total		%	88		86.1		89.3		75.1		80.2		91.3		86.1		84.8		90.2		88	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	1.1	U	1.1	U	1	U	-	-	-	-	-	-	0.31	J	1.1	U	1	U	-	-
pH(H)		SU	9.6		7.3		8.7		-	-	-	-	-	-	8.7		7.7		7.8		-	-
Cyanide, Reactive		mg/kg	10	U	10	U	10	U	-	-	-	-	-	-	10	U	10	U	10	U	-	-
Sulfide, Reactive		mg/kg	10	U	10	U	10	U	-	-	-	-	-	-	10	U	10	U	10	U	-	-
Ignitability of Solids																						
Ignitability			NI	NI	NI	NI	NI	NI	-	-	-	-	-	-	NI	NI	NI	NI	NI	NI	-	-
NJ Hexavalent Chromium																						
Chromium, Hexavalent	1	mg/kg	0.27	J	0.93	U	0.9	U	-	-	-	-	-	-	0.93	U	0.34	J	0.51	J	-	-
pH		SU	9.3		7.4		9.4		-	-	-	-	-	-	8.7		7.5		8.9		-	-
Oxidation/Reduction Potential		mv	140		190		130		-	-	-	-	-	-	150		240		170		-	-
Petroleum Hydrocarbon Quantitation																						
TPH		mg/kg	-	-	-	-	-	-	1490		4290		7010		-	-	-	-	-	-	614	
Polychlorinated Biphenyls by GC																						
Aroclor 1016	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1221	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1232	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1242	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1248	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1254	0.1	mg/kg	0.0456	P	0.0461		0.0817		-	-	-	-	-	-	0.0421		0.018	J	0.0154	J	-	-
Aroclor 1260	0.1	mg/kg	0.0305	J	0.038	U	0.0322	J	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1262	0.1	mg/kg	0.0375	U	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
Aroclor 1268	0.1	mg/kg	0.0134	J	0.038	U	0.0367	U	-	-	-	-	-	-	0.0386	U	0.0391	U	0.0355	U	-	-
PCBs, Total		mg/kg	0.0895	J	0.0461		0.114	J	-	-	-	-	-	-	0.0421		0.018	J	0.0154	J	-	-
Pesticides by GC																						
Delta-BHC	0.04	mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Lindane	0.1	mg/kg	0.00075	U	0.00075	U	0.00072	U	-	-	-	-	-	-	0.00075	U	0.00075	U	0.00073	U	-	-
Alpha-BHC	0.02	mg/kg	0.00075	U	0.00075	U	0.00072	U	-	-	-	-	-	-	0.00075	U	0.00075	U	0.00073	U	-	-
Beta-BHC	0.036	mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Heptachlor	0.042	mg/kg	0.0009	U	0.0009	U	0.00086	U	-	-	-	-	-	-	0.0009	U	0.0009	U	0.00088	U	-	-
Aldrin	0.005	mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Heptachlor epoxide		mg/kg	0.0034	U	0.00341	U	0.00326	U	-	-	-	-	-	-	0.00341	U	0.0034	U	0.0033	U	-	-
Endrin	0.014	mg/kg	0.00075	U	0.00075	U	0.00072	U	-	-	-	-	-	-	0.00075	U	0.00075	U	0.00056	J	-	-
Endrin aldehyde		mg/kg	0.00227	U	0.00227	U	0.00217	U	-	-	-	-	-	-	0.00227	U	0.00227	U	0.0022	U	-	-
Endrin ketone		mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Dieldrin	0.005	mg/kg	0.00206		0.00114	U	0.00109	U	-	-	-	-	-	-	0.00114	U	0.00113	U	0.0011	U	-	-
4,4'-DDE	0.0033	mg/kg	0.017		0.00618	P	0.078	P	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
4,4'-DDD	0.0033	mg/kg	0.00181	U	0.00182	U	0.0103	P	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
4,4'-DDT	0.0033	mg/kg	0.0087		0.0164	P	0.0844	PI	-	-	-	-	-	-	0.00286	J	0.00393		0.00342		-	-
Endosulfan I	2.4	mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Endosulfan II	2.4	mg/kg	0.00181	U	0.00182	U	0.00174	U	-	-	-	-	-	-	0.00182	U	0.00182	U	0.00176	U	-	-
Endosulfan sulfate	2.4	mg/kg	0.00075	U	0.00075	U	0.00072	U	-	-	-	-	-	-	0.00075	U	0.00075	U	0.00073	U	-	-
Methoxychlor		mg/kg	0.0034	U	0.00341	U	0.00326	U	-	-	-	-	-	-	0.00341	U	0.0034	U	0.0033	U	-	-
Toxaphene		mg/kg	0.034	U	0.0341	U	0.0326	U	-	-	-	-	-	-	0.0341	U	0.034	U	0.033	U	-	-
Chlordane		mg/kg	0.0359		0.0148	U	0.0684	PI	-	-	-	-	-	-	0.0148	U	0.0148	U	0.0143	U	-	-
cis-Chlordane	0.094	mg/kg	0.00128	J	0.00227	U	0.00535	PI	-	-	-	-	-	-	0.00227	U	0.00227	U	0.0022	U	-	-
trans-Chlordane		mg/kg	0.00102	J	0.00227	U	0.00778	PI	-	-	-	-	-	-	0.00227	U	0.00227	U	0.0022	U	-	-
Semivolatile Organics by GC/MS																						
Acenaphthene	20	mg/kg	0.75	U	0.097	J	0.14	J	-	-	-	-	-	-	0.15	U	0.15	U	0.15	U	-	-
Benzidine		mg/kg	3.1	U	3.1	U	3	U	-	-	-	-	-	-	0.63	U	0.64	U	0.6	U	-	-
1,2,4-Trichlorobenzene		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
Azobenzene		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID X (0-5)CS	GRID X (5-10)CS	GRID X (10-15)CS	GRID X (0-5)DSB3	GRID X (5-10)DSB3	GRID X (10-15)DSB3	GRID Y (0-5)CS	GRID Y (5-10)CS	GRID Y (10-15)CS	GRID Y (0-5)DSB5
SAMPLING DATE	Unrestricted		4/22/2016	4/22/2016	4/22/2016	5/4/2016	5/4/2016	5/4/2016	4/22/2016	4/22/2016	4/22/2016	5/4/2016
LAB SAMPLE ID	Use Criteria		L1612098-01	L1612098-02	L1612098-03	L1613381-05	L1613381-06	L1613381-07	L1612098-07	L1612098-08	L1612098-09	L1613381-08
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	0.27 U	U	0.27 U	U	0.26 U	U	-	-	0.055 U	U
Bis(2-chloroethyl)ether		mg/kg	0.34 U	U	0.34 U	U	0.33 U	U	-	-	0.069 U	U
2-Chloronaphthalene		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	0.72 U	U	0.73 U	U	0.7 U	U	-	-	0.15 U	U
2,4-Dinitrotoluene		mg/kg	0.47 U	U	0.47 U	U	0.46 U	U	-	-	0.095 U	U
2,6-Dinitrotoluene		mg/kg	0.37 U	U	0.38 U	U	0.36 U	U	-	-	0.076 U	U
Fluoranthene	100	mg/kg	0.17 J	J	0.92 U	U	0.2 J	J	-	-	0.25 U	U
4-Chlorophenyl phenyl ether		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
4-Bromophenyl phenyl ether		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Bis(2-chloroisopropyl)ether		mg/kg	1.1 U	U	1.1 U	U	1.1 U	U	-	-	0.23 U	U
Bis(2-chloroethoxy)methane		mg/kg	1 U	U	1 U	U	0.99 U	U	-	-	0.21 U	U
Hexachlorobutadiene		mg/kg	0.35 U	U	0.35 U	U	0.34 U	U	-	-	0.071 U	U
Hexachlorocyclopentadiene		mg/kg	2.7 U	U	2.7 U	U	2.6 U	U	-	-	0.55 U	U
Hexachloroethane		mg/kg	0.46 U	U	0.46 U	U	0.45 U	U	-	-	0.093 U	U
Isophorone		mg/kg	0.32 U	U	0.32 U	U	0.31 U	U	-	-	0.064 U	U
Naphthalene	12	mg/kg	0.94 U	U	0.95 U	U	0.24 J	J	-	-	0.19 U	U
Nitrobenzene		mg/kg	0.42 U	U	0.42 U	U	0.41 U	U	-	-	0.085 U	U
NitrosoDiPhenylAmine (NDPA)/DPA		mg/kg	0.23 U	U	0.23 U	U	0.23 U	U	-	-	0.047 U	U
n-Nitrosodi-n-propylamine		mg/kg	0.24 U	U	0.24 U	U	0.23 U	U	-	-	0.048 U	U
Bis(2-Ethylhexyl)phthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Butyl benzyl phthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Di-n-butylphthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Di-n-octylphthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Diethyl phthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Dimethyl phthalate		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Benzo(a)anthracene	1	mg/kg	0.32 U	U	0.46 U	U	0.1 J	J	-	-	0.16 U	U
Benzo(a)pyrene	1	mg/kg	0.69 U	U	0.38 J	J	0.67 U	U	-	-	0.16 U	U
Benzo(b)fluoranthene	1	mg/kg	0.24 U	U	0.48 U	U	0.23 U	U	-	-	0.19 U	U
Benzo(k)fluoranthene	0.8	mg/kg	0.2 U	U	0.22 U	U	0.19 U	U	-	-	0.085 U	U
Chrysene	1	mg/kg	0.098 J	J	0.39 J	J	0.099 J	J	-	-	0.16 U	U
Acenaphthylene	100	mg/kg	0.75 U	U	0.76 U	U	0.74 U	U	-	-	0.024 J	J
Anthracene	100	mg/kg	0.56 U	U	0.19 J	J	0.55 U	U	-	-	0.026 J	J
Benzo(ghi)perylene	100	mg/kg	0.75 U	U	0.2 J	J	0.74 U	U	-	-	0.12 J	J
Fluorene	30	mg/kg	0.94 U	U	0.12 J	J	0.31 J	J	-	-	0.19 U	U
Phenanthrene	100	mg/kg	0.12 J	J	0.93 U	U	0.88 U	U	-	-	0.14 U	U
Dibenzo(a,h)anthracene	0.33	mg/kg	0.33 U	U	0.33 U	U	0.32 U	U	-	-	0.066 U	U
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	0.4 U	U	0.18 J	J	0.39 U	U	-	-	0.096 U	U
Pyrene	100	mg/kg	0.19 J	J	0.8 U	U	0.37 J	J	-	-	0.28 U	U
Biphenyl		mg/kg	2.1 U	U	2.2 U	U	2.1 U	U	-	-	0.44 U	U
4-Chloroaniline		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
2-Nitroaniline		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
3-Nitroaniline		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
4-Nitroaniline		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Dibenzofuran	7	mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
2-Methylnaphthalene		mg/kg	1.1 U	U	0.34 J	J	1.6 U	U	-	-	0.23 U	U
1,2,4,5-Tetrachlorobenzene		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
Acetophenone		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
2,4,6-Trichlorophenol		mg/kg	0.54 U	U	0.54 U	U	0.52 U	U	-	-	0.11 U	U
P-Chloro-M-Cresol		mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U
2-Chlorophenol		mg/kg	0.31 U	U	0.31 U	U	0.3 U	U	-	-	0.063 U	U
2,4-Dichlorophenol		mg/kg	0.45 U	U	0.46 U	U	0.44 U	U	-	-	0.092 U	U
2,4-Dimethylphenol		mg/kg	0.9 U	U	0.9 U	U	0.88 U	U	-	-	0.18 U	U
2-Nitrophenol		mg/kg	2 U	U	2 U	U	2 U	U	-	-	0.41 U	U
4-Nitrophenol		mg/kg	1.3 U	U	1.3 U	U	1.3 U	U	-	-	0.27 U	U
2,4-Dinitrophenol		mg/kg	1.4 U	U	1.4 U	U	1.3 U	U	-	-	0.28 U	U
4,6-Dinitro-o-cresol		mg/kg	1.4 U	U	1.4 U	U	1.3 U	U	-	-	0.28 U	U
Pentachlorophenol	0.8	mg/kg	0.62 U	U	0.63 U	U	0.61 U	U	-	-	0.13 U	U
Phenol	0.33	mg/kg	0.94 U	U	0.95 U	U	0.92 U	U	-	-	0.19 U	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID X (0-5)CS		GRID X (5-10)CS		GRID X (10-15)CS		GRID X (0-5)DSB3		GRID X (5-10)DSB3		GRID X (10-15)DSB3		GRID Y (0-5)CS		GRID Y (5-10)CS		GRID Y (10-15)CS		GRID Y (0-5)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		4/22/2016		4/22/2016		4/22/2016		5/4/2016		5/4/2016		5/4/2016		4/22/2016		4/22/2016		4/22/2016		5/4/2016	
LAB SAMPLE ID			L1612098-01		L1612098-02		L1612098-03		L1613381-05		L1613381-06		L1613381-07		L1612098-07		L1612098-08		L1612098-09		L1613381-08	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	1.4	U	1.4	U	1.3	U	-	-	-	-	-	-	0.28	U	0.28	U	0.26	U	-	-
2,4,5-Trichlorophenol		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
Benzoic Acid		mg/kg	3	U	3	U	2.9	U	-	-	-	-	-	-	0.61	U	0.62	U	0.58	U	-	-
Benzyl Alcohol		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
Carbazole		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
n-Nitrosodimethylamine		mg/kg	1.9	U	1.9	U	1.8	U	-	-	-	-	-	-	0.38	U	0.38	U	0.36	U	-	-
Benzaldehyde		mg/kg	1.2	U	1.2	U	1.2	U	-	-	-	-	-	-	0.25	U	0.25	U	0.24	U	-	-
Caprolactam		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
Atrazine		mg/kg	0.75	U	0.76	U	0.74	U	-	-	-	-	-	-	0.15	U	0.15	U	0.15	U	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	0.94	U	0.95	U	0.92	U	-	-	-	-	-	-	0.19	U	0.19	U	0.18	U	-	-
TCLP Metals by EPA 1311																						
Arsenic, TCLP		mg/l	1	U	1	U	1	U	-	-	-	-	-	-	1	U	1	U	1	U	-	-
Barium, TCLP		mg/l	0.86		0.58		0.41	J	-	-	-	-	-	-	0.56		0.38	J	0.56		-	-
Cadmium, TCLP		mg/l	0.03	J	0.1	U	0.02	J	-	-	-	-	-	-	0.01	J	0.1	U	0.1	U	-	-
Chromium, TCLP		mg/l	0.2	U	0.2	U	0.2	U	-	-	-	-	-	-	0.2	U	0.2	U	0.2	U	-	-
Lead, TCLP		mg/l	0.56		0.09	J	0.07	J	-	-	-	-	-	-	0.32	J	0.03	J	0.5	U	-	-
Mercury, TCLP		mg/l	0.001	U	0.001	U	0.001	U	-	-	-	-	-	-	0.001	U	0.001	U	0.001	U	-	-
Selenium, TCLP		mg/l	0.5	U	0.5	U	0.5	U	-	-	-	-	-	-	0.5	U	0.5	U	0.5	U	-	-
Silver, TCLP		mg/l	0.1	U	0.1	U	0.1	U	-	-	-	-	-	-	0.1	U	0.1	U	0.1	U	-	-
Total Metals																						
Aluminum, Total		mg/kg	3400		9200		6100		-	-	-	-	-	-	6100		11000		7000		-	-
Antimony, Total		mg/kg	5.8		1.3	J	4.3	U	-	-	-	-	-	-	0.85	J	1	J	4.4	U	-	-
Arsenic, Total	13	mg/kg	5.1		4.4		2.3		-	-	-	-	-	-	6.7		10		2.4		-	-
Barium, Total	350	mg/kg	250		100		52		-	-	-	-	-	-	250		76		50		-	-
Beryllium, Total	7.2	mg/kg	0.26	J	0.43	J	0.32	J	-	-	-	-	-	-	0.34	J	0.37	J	0.29	J	-	-
Cadmium, Total	2.5	mg/kg	1.3		0.9	U	0.86	U	-	-	-	-	-	-	0.82	J	0.91	U	0.88	U	-	-
Calcium, Total		mg/kg	19000		1500		4200		-	-	-	-	-	-	13000		1300		4600		-	-
Chromium, Total		mg/kg	12		17		18		-	-	-	-	-	-	14		18		13		-	-
Cobalt, Total		mg/kg	4.6		5.8		5		-	-	-	-	-	-	4.9		7.3		5.2		-	-
Copper, Total	50	mg/kg	110		110		36		-	-	-	-	-	-	53		26		18		-	-
Iron, Total		mg/kg	18000		17000		16000		-	-	-	-	-	-	14000		27000		14000		-	-
Lead, Total	63	mg/kg	660		110		20		-	-	-	-	-	-	280		110		190		-	-
Magnesium, Total		mg/kg	1100		1500		1400		-	-	-	-	-	-	1900		1700		1700		-	-
Manganese, Total	1600	mg/kg	270		420		260		-	-	-	-	-	-	340		400		310		-	-
Mercury, Total	0.18	mg/kg	13		1.3		1.7		-	-	-	-	-	-	6.1		1.9		0.38		-	-
Nickel, Total	30	mg/kg	63		12		34		-	-	-	-	-	-	12		11		9.7		-	-
Potassium, Total		mg/kg	420		520		660		-	-	-	-	-	-	910		650		650		-	-
Selenium, Total	3.9	mg/kg	1.1	J	0.77	J	0.43	J	-	-	-	-	-	-	0.7	J	0.82	J	0.45	J	-	-
Silver, Total	2	mg/kg	0.69	J	0.7	J	0.86	U	-	-	-	-	-	-	0.33	J	0.91	U	0.88	U	-	-
Sodium, Total		mg/kg	170	J	110	J	68	J	-	-	-	-	-	-	260		140	J	170	J	-	-
Thallium, Total		mg/kg	1.8	U	1.8	U	1.7	U	-	-	-	-	-	-	1.8	U	1.8	U	1.8	U	-	-
Vanadium, Total		mg/kg	12		26		22		-	-	-	-	-	-	19		24		19		-	-
Zinc, Total	109	mg/kg	670		160		180		-	-	-	-	-	-	280		56		170		-	-
Volatile Organics by 8260/5035																						
Methylene chloride	0.05	mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,1-Dichloroethane	0.27	mg/kg	-	-	-	-	-	-	0.12	U	0.1	U	0.38	U	-	-	-	-	-	-	0.0023	U
Chloroform	0.37	mg/kg	-	-	-	-	-	-	0.12	U	0.1	U	0.38	U	-	-	-	-	-	-	0.0023	U
Carbon tetrachloride	0.76	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.00048	J
1,2-Dichloropropane		mg/kg	-	-	-	-	-	-	0.28	U	0.24	U	0.89	U	-	-	-	-	-	-	0.0054	U
Dibromochloromethane		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
1,1,2-Trichloroethane		mg/kg	-	-	-	-	-	-	0.12	U	0.1	U	0.38	U	-	-	-	-	-	-	0.0023	U
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Chlorobenzene	1.1	mg/kg	-	-	-	-	-	-	0.085		0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Trichlorofluoromethane		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,2-Dichloroethane	0.02	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
1,1,1-Trichloroethane	0.68	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Bromodichloromethane		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
cis-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID X (0-5)CS		GRID X (5-10)CS		GRID X (10-15)CS		GRID X (0-5)DSB3		GRID X (5-10)DSB3		GRID X (10-15)DSB3		GRID Y (0-5)CS		GRID Y (5-10)CS		GRID Y (10-15)CS		GRID Y (0-5)DSB5	
SAMPLING DATE	Unrestricted Use Criteria		4/22/2016		4/22/2016		4/22/2016		5/4/2016		5/4/2016		5/4/2016		4/22/2016		4/22/2016		4/22/2016		5/4/2016	
LAB SAMPLE ID			L1612098-01		L1612098-02		L1612098-03		L1613381-05		L1613381-06		L1613381-07		L1612098-07		L1612098-08		L1612098-09		L1613381-08	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Bromoform		mg/kg	-	-	-	-	-	-	0.32	U	0.27	U	1	U	-	-	-	-	-	-	0.0062	U
1,1,2,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Benzene	0.06	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Toluene	0.7	mg/kg	-	-	-	-	-	-	0.12	U	0.1	U	0.38	U	-	-	-	-	-	-	0.0013	J
Ethylbenzene	1	mg/kg	-	-	-	-	-	-	0.079	U	0.035	J	0.26	U	-	-	-	-	-	-	0.0016	U
Chloromethane		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Bromomethane		mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.0031	U
Vinyl chloride	0.02	mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.0031	U
Chloroethane		mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.0031	U
1,1-Dichloroethene	0.33	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
trans-1,2-Dichloroethene	0.19	mg/kg	-	-	-	-	-	-	0.12	U	0.1	U	0.38	U	-	-	-	-	-	-	0.0023	U
Trichloroethene	0.47	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	0.03	J	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Methyl tert butyl ether	0.93	mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.0031	U
p/m-Xylene		mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.00035	J
o-Xylene		mg/kg	-	-	-	-	-	-	0.16	U	0.015	J	0.51	U	-	-	-	-	-	-	0.0031	U
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
Styrene		mg/kg	-	-	-	-	-	-	0.16	U	0.13	U	0.51	U	-	-	-	-	-	-	0.0031	U
Dichlorodifluoromethane		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
Acetone	0.05	mg/kg	-	-	-	-	-	-	2.8	U	2.4	U	9.2	U	-	-	-	-	-	-	0.02	J
Carbon disulfide		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
2-Butanone	0.12	mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.0015	J
Vinyl acetate		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
4-Methyl-2-pentanone		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	-	-	-	-	-	-	0.79	U	0.67	U	2.6	U	-	-	-	-	-	-	0.016	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,2-Dibromoethane		mg/kg	-	-	-	-	-	-	0.24	U	0.2	U	0.76	U	-	-	-	-	-	-	0.0047	U
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	0.079	U	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Bromobenzene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
n-Butylbenzene	12	mg/kg	-	-	-	-	-	-	0.035	J	0.89		1.4		-	-	-	-	-	-	0.0016	U
sec-Butylbenzene	11	mg/kg	-	-	-	-	-	-	0.021	J	0.85		1.3		-	-	-	-	-	-	0.0016	U
tert-Butylbenzene	5.9	mg/kg	-	-	-	-	-	-	0.4	U	0.026	J	1.3	U	-	-	-	-	-	-	0.0078	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,2-Dibromo-3-chloropropane		mg/kg	-	-	-	-	-	-	0.24	U	0.2	U	0.76	U	-	-	-	-	-	-	0.0047	U
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Isopropylbenzene		mg/kg	-	-	-	-	-	-	0.15	J	3.4		4.2		-	-	-	-	-	-	0.0051	J
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	0.079	U	0.16		0.19	J	-	-	-	-	-	-	0.0016	U
Naphthalene	12	mg/kg	-	-	-	-	-	-	0.027	J	0.067	U	0.26	U	-	-	-	-	-	-	0.0016	U
Acrylonitrile		mg/kg	-	-	-	-	-	-	0.32	U	0.27	U	1	U	-	-	-	-	-	-	0.0062	U
n-Propylbenzene	3.9	mg/kg	-	-	-	-	-	-	0.01	J	0.3		0.29		-	-	-	-	-	-	0.0016	U
1,2,3-Trichlorobenzene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,3,5-Trimethylbenzene	8.4	mg/kg	-	-	-	-	-	-	0.036	J	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,2,4-Trimethylbenzene	3.6	mg/kg	-	-	-	-	-	-	0.082	J	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
1,4-Dioxane	0.1	mg/kg	-	-	-	-	-	-	7.9	U	6.7	U	26	U	-	-	-	-	-	-	0.16	U
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	0.27	J	0.68		1.1		-	-	-	-	-	-	0.0062	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria	GRID X (0-5)CS		GRID X (5-10)CS		GRID X (10-15)CS		GRID X (0-5)DSB3		GRID X (5-10)DSB3		GRID X (10-15)DSB3		GRID Y (0-5)CS		GRID Y (5-10)CS		GRID Y (10-15)CS		GRID Y (0-5)DSB5	
SAMPLING DATE		4/22/2016		4/22/2016		4/22/2016		5/4/2016		5/4/2016		5/4/2016		4/22/2016		4/22/2016		4/22/2016		5/4/2016	
LAB SAMPLE ID		L1612098-01		L1612098-02		L1612098-03		L1613381-05		L1613381-06		L1613381-07		L1612098-07		L1612098-08		L1612098-09		L1613381-08	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Ethyltoluene	mg/kg	-	-	-	-	-	-	0.041	J	0.27	U	1	U	-	-	-	-	-	-	0.0062	U
1,2,4,5-Tetramethylbenzene	mg/kg	-	-	-	-	-	-	0.1	J	2		3.3		-	-	-	-	-	-	0.0062	U
Ethyl ether	mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	0.4	U	0.34	U	1.3	U	-	-	-	-	-	-	0.0078	U
Acrolein	mg/kg	-	-	-	-	-	-	2	U	1.7	U	6.4	U	-	-	-	-	-	-	0.039	U
Methyl Acetate	mg/kg	-	-	-	-	-	-	1.9		0.27	U	1	U	-	-	-	-	-	-	0.0062	U
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	1.6	U	1.3	U	5.1	U	-	-	-	-	-	-	0.031	U
Tert-Butyl Alcohol	mg/kg	-	-	-	-	-	-	7.9	U	6.7	U	26	U	-	-	-	-	-	-	0.16	U
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	0.32	U	0.031	J	1	U	-	-	-	-	-	-	0.0062	U
Freon-113	mg/kg	-	-	-	-	-	-	1.6	U	1.3	U	5.1	U	-	-	-	-	-	-	0.031	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID Y (5-10)DSB5		GRID Y (10-15)DSB5		GRID Z (0-5)CS		GRID Z (5-10)CS		GRID Z (10-15)CS		GRID Z (0-5)DSB4		GRID Z (5-10)DSB4		GRID Z (10-15)DSB4		WC-EPH2		WC-EPH3	
SAMPLING DATE	Unrestricted		5/4/2016		5/4/2016		4/21/2016		4/21/2016		4/21/2016		5/4/2016		5/4/2016		5/4/2016		10/5/2016		10/5/2016	
LAB SAMPLE ID	Use Criteria		L1613381-09		L1613381-10		L1612098-13		L1612098-14		L1612098-15		L1613381-11		L1613381-12		L1613381-13		L1631628-02		L1631628-03	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D		mg/kg	-	-	-	-	0.215	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	0.215	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	0.215	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Gasoline Range Organics																						
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																						
Chromium, Trivalent	30	mg/kg	-	-	-	-	15		17		14		-	-	-	-	-	-	-	-	-	-
Solids, Total		%	84.1		90.1		76.9		87		86.2		83.2		89		89.7		91.1		91.1	
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	1.3	U	1.1	U	1.1	U	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	8.9		8.7		9.7		-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	10	U	10	U	10	U	-	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	10	U	10	U	10	U	-	-	-	-	-	-	-	-	-	-
Ignitability of Solids																						
Ignitability			-	-	-	-	NI	NI	NI	NI	NI	NI	-	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium																						
Chromium, Hexavalent	1	mg/kg	-	-	-	-	0.68	J	0.33	J	0.27	J	-	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	9.5		8.6		8.4		-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	120		150		160		-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																						
TPH		mg/kg	1230		25.8	U	-	-	-	-	-	-	940		25.4	U	26	U	46.2		41.7	
Polychlorinated Biphenyls by GC																						
Aroclor 1016	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	0.0579		0.0382	U	0.0162	J	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	0.0422	U	0.0382	U	0.0386	U	-	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	0.0579		0.0382	U	0.0162	J	-	-	-	-	-	-	-	-	-	-
Pesticides by GC																						
Delta-BHC	0.04	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	0.00082	U	0.00073	U	0.00076	U	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	0.00082	U	0.00073	U	0.00076	U	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	0.00098	U	0.00088	U	0.00091	U	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	0.0037	U	0.0033	U	0.00342	U	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	0.00082	U	0.00073	U	0.00076	U	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	0.00246	U	0.0022	U	0.00228	U	-	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	0.00123	U	0.0011	U	0.00114	U	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00073	J	-	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	0.016		0.00328	J	0.00558		-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	0.00197	U	0.00176	U	0.00182	U	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	0.00082	U	0.00073	U	0.00076	U	-	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	0.0037	U	0.0033	U	0.00342	U	-	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	0.037	U	0.033	U	0.0342	U	-	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	0.016	U	0.0143	U	0.0148	U	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	0.00111	J	0.0022	U	0.00228	U	-	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	0.00084	J	0.0022	U	0.00228	U	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																						
Acenaphthene	20	mg/kg	-	-	-	-	0.041	J	0.15	U	0.022	J	-	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	0.71		0.62	U	0.63	U	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID Y (5-10)DSB5		GRID Y (10-15)DSB5		GRID Z (0-5)CS		GRID Z (5-10)CS		GRID Z (10-15)CS		GRID Z (0-5)DSB4		GRID Z (5-10)DSB4		GRID Z (10-15)DSB4		WC-EPH2		WC-EPH3	
SAMPLING DATE	Unrestricted		5/4/2016		5/4/2016		4/21/2016		4/21/2016		4/21/2016		5/4/2016		5/4/2016		5/4/2016		10/5/2016		10/5/2016	
LAB SAMPLE ID	Use Criteria		L1613381-09		L1613381-10		L1612098-13		L1612098-14		L1612098-15		L1613381-11		L1613381-12		L1613381-13		L1631628-02		L1631628-03	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	0.062	U	0.054	U	0.055	U	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	0.077	U	0.068	U	0.069	U	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	0.16	U	0.14	U	0.15	U	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	0.11	U	0.094	U	0.095	U	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	0.085	U	0.075	U	0.076	U	-	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	0.58		0.72		0.27		-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	0.26	U	0.23	U	0.23	U	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	0.23	U	0.2	U	0.21	U	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	0.08	U	0.07	U	0.071	U	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	0.61	U	0.54	U	0.55	U	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	0.1	U	0.092	U	0.093	U	-	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	0.072	U	0.064	U	0.064	U	-	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	0.095	U	0.084	U	0.085	U	-	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine (NDPA)/DPA		mg/kg	-	-	-	-	0.053	U	0.046	U	0.047	U	-	-	-	-	-	-	-	-	-	-
p-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	0.054	U	0.048	U	0.048	U	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	0.046	J	0.034	J	0.19	U	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	0.26		0.38		0.14		-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	0.26		0.42		0.12	J	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	0.36		0.55		0.17		-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	0.12		0.2		0.051		-	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	0.23		0.33		0.12		-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	0.05	J	0.073	J	0.15	U	-	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	0.1	J	0.06	J	0.067	J	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	0.17		0.23		0.068	J	-	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	0.034	J	0.19	U	0.024	J	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	0.39		0.2		0.26		-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	0.045	J	0.067		0.067	U	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	0.15		0.22		0.06	J	-	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	0.51		0.7		0.25		-	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	0.49	U	0.43	U	0.44	U	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	0.024	J	0.19	U	0.018	J	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	0.26	U	0.23	U	0.23	U	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	0.12	U	0.11	U	0.11	U	-	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	0.071	U	0.062	U	0.063	U	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	0.1	U	0.091	U	0.092	U	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	0.2	U	0.18	U	0.18	U	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	0.46	U	0.41	U	0.41	U	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	0.3	U	0.26	U	0.27	U	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	0.31	U	0.27	U	0.28	U	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	0.31	U	0.27	U	0.28	U	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	0.14	U	0.12	U	0.13	U	-	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID Y (5-10)DSB5		GRID Y (10-15)DSB5		GRID Z (0-5)CS		GRID Z (5-10)CS		GRID Z (10-15)CS		GRID Z (0-5)DSB4		GRID Z (5-10)DSB4		GRID Z (10-15)DSB4		WC-EPH2		WC-EPH3	
SAMPLING DATE	Unrestricted		5/4/2016		5/4/2016		4/21/2016		4/21/2016		4/21/2016		5/4/2016		5/4/2016		5/4/2016		10/5/2016		10/5/2016	
LAB SAMPLE ID	Use Criteria		L1613381-09		L1613381-10		L1612098-13		L1612098-14		L1612098-15		L1613381-11		L1613381-12		L1613381-13		L1631628-02		L1631628-03	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	0.31	U	0.27	U	0.28	U	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	0.68	U	0.6	U	0.61	U	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	0.046	J	0.022	J	0.19	U	-	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	0.43	U	0.38	U	0.38	U	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	0.28	U	0.25	U	0.25	U	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	0.17	U	0.15	U	0.15	U	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	0.21	U	0.19	U	0.19	U	-	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																						
Arsenic, TCLP		mg/l	-	-	-	-	1	U	1	U	1	U	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	0.48	J	0.43	J	0.32	J	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	0.1	U	0.1	U	0.1	U	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	0.2	U	0.2	U	0.2	U	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	0.06	J	0.02	J	0.09	J	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	0.001	U	0.001	U	0.001	U	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	0.5	U	0.5	U	0.5	U	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	0.1	U	0.1	U	0.1	U	-	-	-	-	-	-	-	-	-	-
Total Metals																						
Aluminum, Total		mg/kg	-	-	-	-	9200		9500		6100		-	-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	5.1	U	4.4	U	4.4	U	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	2.5		3.8		2.6		-	-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	60		79		64		-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	0.42	J	0.38	J	0.32	J	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	1	U	0.89	U	0.88	U	-	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	1100		6600		1400		-	-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	16		17		14		-	-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	6.9		5.3		4.8		-	-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	34		12		19		-	-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	19000		15000		16000		-	-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	18		31		21		-	-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	2600		1700		1700		-	-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	330		340		440		-	-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	0.74		1.7		0.04	J	-	-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	18		8.8		10		-	-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	870		740		590		-	-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	0.46	J	0.65	J	0.43	J	-	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	1	U	0.89	U	0.88	U	-	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	140	J	180	J	95	J	-	-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	2	U	1.8	U	1.8	U	-	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	32		22		22		-	-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	36		77		32		-	-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																						
Methylene chloride	0.05	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,1-Dichloroethane	0.27	mg/kg	0.0018	U	0.0016	U	-	-	-	-	-	-	0.003	U	0.0017	U	0.0023	U	-	-	-	-
Chloroform	0.37	mg/kg	0.0018	U	0.0016	U	-	-	-	-	-	-	0.00095	J	0.0017	U	0.0023	U	-	-	-	-
Carbon tetrachloride	0.76	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,2-Dichloropropane		mg/kg	0.0041	U	0.0037	U	-	-	-	-	-	-	0.0071	U	0.004	U	0.0054	U	-	-	-	-
Dibromochloromethane		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,1,2-Trichloroethane		mg/kg	0.0018	U	0.0016	U	-	-	-	-	-	-	0.003	U	0.0017	U	0.0023	U	-	-	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.0035		0.00088	J	0.0015	U	-	-	-	-
Chlorobenzene	1.1	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Trichlorofluoromethane		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,2-Dichloroethane	0.02	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,1,1-Trichloroethane	0.68	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Bromodichloromethane		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
cis-1,3-Dichloropropene		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRID Y (5-10)DSB5		GRID Y (10-15)DSB5		GRID Z (0-5)CS		GRID Z (5-10)CS		GRID Z (10-15)CS		GRID Z (0-5)DSB4		GRID Z (5-10)DSB4		GRID Z (10-15)DSB4		WC-EPH2		WC-EPH3	
SAMPLING DATE	Unrestricted Use Criteria		5/4/2016		5/4/2016		4/21/2016		4/21/2016		4/21/2016		5/4/2016		5/4/2016		5/4/2016		10/5/2016		10/5/2016	
LAB SAMPLE ID			L1613381-09		L1613381-10		L1612098-13		L1612098-14		L1612098-15		L1613381-11		L1613381-12		L1613381-13		L1631628-02		L1631628-03	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Bromoform		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
1,1,2,2-Tetrachloroethane		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Benzene	0.06	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Toluene	0.7	mg/kg	0.00061	J	0.00056	J	-	-	-	-	-	-	0.0012	J	0.00083	J	0.0017	J	-	-	-	-
Ethylbenzene	1	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Chloromethane		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Bromomethane		mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
Vinyl chloride	0.02	mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
Chloroethane		mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
1,1-Dichloroethene	0.33	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
trans-1,2-Dichloroethene	0.19	mg/kg	0.0018	U	0.0016	U	-	-	-	-	-	-	0.003	U	0.0017	U	0.0023	U	-	-	-	-
Trichloroethene	0.47	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Methyl tert butyl ether	0.93	mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
p/m-Xylene		mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
o-Xylene		mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
Styrene		mg/kg	0.0024	U	0.0021	U	-	-	-	-	-	-	0.004	U	0.0023	U	0.0031	U	-	-	-	-
Dichlorodifluoromethane		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
Acetone	0.05	mg/kg	0.016	J	0.0084	J	-	-	-	-	-	-	0.0069	J	0.0069	J	0.0053	J	-	-	-	-
Carbon disulfide		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
2-Butanone	0.12	mg/kg	0.0009	J	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
Vinyl acetate		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
4-Methyl-2-pentanone		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	0.012	U	0.01	U	-	-	-	-	-	-	0.02	U	0.011	U	0.015	U	-	-	-	-
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,2-Dibromoethane		mg/kg	0.0035	U	0.0031	U	-	-	-	-	-	-	0.0061	U	0.0034	U	0.0046	U	-	-	-	-
1,3-Dichloropropane		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Bromobenzene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
n-Butylbenzene	12	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
sec-Butylbenzene	11	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
tert-Butylbenzene	5.9	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
p-Chlorotoluene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
p-Chlorotoluene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	0.0035	U	0.0031	U	-	-	-	-	-	-	0.0061	U	0.0034	U	0.0046	U	-	-	-	-
Hexachlorobutadiene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Isopropylbenzene		mg/kg	0.00029	J	0.00014	J	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
p-Isopropyltoluene		mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Naphthalene	12	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
Acrylonitrile		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
n-Propylbenzene	3.9	mg/kg	0.0012	U	0.001	U	-	-	-	-	-	-	0.002	U	0.0011	U	0.0015	U	-	-	-	-
1,2,3-Trichlorobenzene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,3,5-Trimethylbenzene	8.4	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,2,4-Trimethylbenzene	3.6	mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
1,4-Dioxane	0.1	mg/kg	0.12	U	0.1	U	-	-	-	-	-	-	0.2	U	0.11	U	0.15	U	-	-	-	-
p-Diethylbenzene		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRID Y (5-10)DSB5		GRID Y (10-15)DSB5		GRID Z (0-5)CS		GRID Z (5-10)CS		GRID Z (10-15)CS		GRID Z (0-5)DSB4		GRID Z (5-10)DSB4		GRID Z (10-15)DSB4		WC-EPH2		WC-EPH3	
SAMPLING DATE			5/4/2016		5/4/2016		4/21/2016		4/21/2016		4/21/2016		5/4/2016		5/4/2016		5/4/2016		10/5/2016		10/5/2016	
LAB SAMPLE ID			L1613381-09		L1613381-10		L1612098-13		L1612098-14		L1612098-15		L1613381-11		L1613381-12		L1613381-13		L1631628-02		L1631628-03	
			Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Ethyltoluene		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
1,2,4,5-Tetramethylbenzene		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
Ethyl ether		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	0.0059	U	0.0052	U	-	-	-	-	-	-	0.01	U	0.0056	U	0.0077	U	-	-	-	-
Acrolein		mg/kg	0.029	U	0.026	U	-	-	-	-	-	-	0.05	U	0.028	U	0.038	U	-	-	-	-
Methyl Acetate		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane		mg/kg	0.024	U	0.021	U	-	-	-	-	-	-	0.04	U	0.023	U	0.031	U	-	-	-	-
Tert-Butyl Alcohol		mg/kg	0.12	U	0.1	U	-	-	-	-	-	-	0.2	U	0.11	U	0.15	U	-	-	-	-
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	0.0047	U	0.0042	U	-	-	-	-	-	-	0.0081	U	0.0045	U	0.0061	U	-	-	-	-
Freon-113		mg/kg	0.024	U	0.021	U	-	-	-	-	-	-	0.04	U	0.023	U	0.031	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-EPH4		WC-EPH5		WC-PAINTF		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID W COMPOSITE (0-8")		GRID W COMPOSITE (0-8")	
SAMPLING DATE	Unrestricted Use Criteria		10/5/2016		10/5/2016		10/5/2016		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017	
LAB SAMPLE ID			L1631628-04		L1631628-05		L1631628-06		L1739197-01		L1739197-02		L1739197-03		L1739197-04		L1739197-05		L1739197-06		L1739197-06 R1	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.186	U	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.186	U	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.186	U	-	-
Gasoline Range Organics																						
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																						
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	J	-	-
Solids, Total		%	92.1		91		-	-	88.4		88.4		88.1		88.8		87.9		87.9		-	-
Paint Filter Liquid		-	-	-	-	-	NEGATIVE		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3		-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	U	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	U	-	-
Ignitability of Solids																						
Ignitability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NI	U	-	-
NJ Hexavalent Chromium																						
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53	J	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																						
TPH		mg/kg	25.3	U	36.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																						
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.378		-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.125		-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0374	U	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.503		-	-
Pesticides by GC																						
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000753	U	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000753	U	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0034	P	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	P	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000753	U	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00226	U	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0138	PI	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	0.0033	-	-	-	-	-	-	-	-	-	0.107	P	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0219		-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.356	E	0.245	
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00181	U	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000753	U	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00339	U	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0339	U	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0689	P	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0802	P	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.358		-	-
Semivolatile Organics by GC/MS																						
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.048	J	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	U	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-EPH4		WC-EPH5		WC-PAINTF		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID W COMPOSITE (0-8")		GRID W COMPOSITE (0-8")	
SAMPLING DATE	Unrestricted Use Criteria		10/5/2016		10/5/2016		10/5/2016		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017	
LAB SAMPLE ID			L1631628-04		L1631628-05		L1631628-06		L1739197-01		L1739197-02		L1739197-03		L1739197-04		L1739197-05		L1739197-06		L1739197-06 R1	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	U	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	U	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9		-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22	U	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	U	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53	U	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	U	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.072	J	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	U	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.76		-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25		-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93		-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.84		-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1		-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4		-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.94		-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2		-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28		-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.59		-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.066	J	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3		-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14		-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56		-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7		-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	U	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.063	J	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	J	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	U	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	U	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	U	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26	U	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89	U	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48	U	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		WC-EPH4		WC-EPH5		WC-PAINTF		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID W COMPOSITE (0-8')		GRID W COMPOSITE (0-8')	
SAMPLING DATE			10/5/2016		10/5/2016		10/5/2016		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017	
LAB SAMPLE ID			L1631628-04	L1631628-05	L1631628-06	L1739197-01	L1739197-02	L1739197-03	L1739197-04	L1739197-05	L1739197-06	L1739197-06 R1										
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	U	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	U	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18		-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37	U	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	U	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	U	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-
TCLP Metals by EPA 1311																						
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																						
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5250		-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.487	J	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.58		-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	292		-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.115	J	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.26		-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45400		-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.5		-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.03		-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.6		-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10200		-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	204		-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2440		-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	205		-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3		-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.6		-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	811		-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.05	J	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.886	U	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	434		-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.77	U	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.4		-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	452		-	-
Volatile Organics by 8260/5035																						
Methylene chloride	0.05	mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
1,1-Dichloroethane	0.27	mg/kg	-	-	-	-	-	-	0.0021	U	0.0019	U	0.0022	U	0.0016	U	0.0021	U	-	-	-	-
Chloroform	0.37	mg/kg	-	-	-	-	-	-	0.0021	U	0.0019	U	0.0022	U	0.0016	U	0.0021	U	-	-	-	-
Carbon tetrachloride	0.76	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,2-Dichloropropane		mg/kg	-	-	-	-	-	-	0.0048	U	0.0044	U	0.0052	U	0.0039	U	0.0048	U	-	-	-	-
Dibromochloromethane		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,1,2-Trichloroethane		mg/kg	-	-	-	-	-	-	0.0021	U	0.0019	U	0.0022	U	0.0016	U	0.0021	U	-	-	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	1.3	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Chlorobenzene	1.1	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Trichlorofluoromethane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,2-Dichloroethane	0.02	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,1,1-Trichloroethane	0.68	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Bromodichloromethane		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
cis-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		WC-EPH4		WC-EPH5		WC-PAINTF		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID W COMPOSITE (0-8")		GRID W COMPOSITE (0-8")	
SAMPLING DATE	Unrestricted Use Criteria		10/5/2016		10/5/2016		10/5/2016		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017	
LAB SAMPLE ID			L1631628-04		L1631628-05		L1631628-06		L1739197-01		L1739197-02		L1739197-03		L1739197-04		L1739197-05		L1739197-06		L1739197-06 R1	
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Bromoform		mg/kg	-	-	-	-	-	-	0.0055	U	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-
1,1,2,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Benzene	0.06	mg/kg	-	-	-	-	-	-	0.00082	J	0.00092	J	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Toluene	0.7	mg/kg	-	-	-	-	-	-	0.0041	U	0.0026	U	0.0022	U	0.0016	U	0.0021	U	-	-	-	-
Ethylbenzene	1	mg/kg	-	-	-	-	-	-	0.00071	J	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Chloromethane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Bromomethane		mg/kg	-	-	-	-	-	-	0.0028	U	0.00058	J	0.003	U	0.0022	U	0.0028	U	-	-	-	-
Vinyl chloride	0.02	mg/kg	-	-	-	-	-	-	0.0028	U	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
Chloroethane		mg/kg	-	-	-	-	-	-	0.0028	U	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
1,1-Dichloroethene	0.33	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
trans-1,2-Dichloroethene	0.19	mg/kg	-	-	-	-	-	-	0.0021	U	0.0019	U	0.0022	U	0.0016	U	0.0021	U	-	-	-	-
Trichloroethene	0.47	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Methyl tert butyl ether	0.93	mg/kg	-	-	-	-	-	-	0.0028	U	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
p/m-Xylene		mg/kg	-	-	-	-	-	-	0.0022	J	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
o-Xylene		mg/kg	-	-	-	-	-	-	0.00066	J	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene		mg/kg	-	-	-	-	-	-	0.0028	U	0.0025	U	0.003	U	0.0022	U	0.0028	U	-	-	-	-
Dichlorodifluoromethane		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
Acetone	0.05	mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
Carbon disulfide		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
2-Butanone	0.12	mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
Vinyl acetate		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
4-Methyl-2-pentanone		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
2-Hexanone		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,2-Dibromoethane		mg/kg	-	-	-	-	-	-	0.0055	U	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-
1,3-Dichloropropane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,1,1,2-Tetrachloroethane		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Bromobenzene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
n-Butylbenzene	12	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
sec-Butylbenzene	11	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
tert-Butylbenzene	5.9	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
p-Chlorotoluene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,2-Dibromo-3-chloropropane		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Isopropylbenzene		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
p-Isopropyltoluene		mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
Acrylonitrile		mg/kg	-	-	-	-	-	-	0.014	U	0.012	U	0.015	U	0.011	U	0.014	U	-	-	-	-
n-Propylbenzene	3.9	mg/kg	-	-	-	-	-	-	0.0014	U	0.0012	U	0.0015	U	0.0011	U	0.0014	U	-	-	-	-
1,2,3-Trichlorobenzene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,3,5-Trimethylbenzene	8.4	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,2,4-Trimethylbenzene	3.6	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-
1,4-Dioxane	0.1	mg/kg	-	-	-	-	-	-	0.055	U	0.05	U	0.06	U	0.044	U	0.055	U	-	-	-	-
p-Diethylbenzene		mg/kg	-	-	-	-	-	-	0.0055	U	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria			WC-EPH4		WC-EPH5		WC-PAINTF		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID W COMPOSITE (0-8')		GRID W COMPOSITE (0-8')	
SAMPLING DATE		10/5/2016		10/5/2016		10/5/2016		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017		10/27/2017	
LAB SAMPLE ID		L1631628-04		L1631628-05		L1631628-06		L1739197-01		L1739197-02		L1739197-03		L1739197-04		L1739197-05		L1739197-06		L1739197-06 R1			
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
p-Ethyltoluene	mg/kg	-	-	-	-	-	-	0.0055	U	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-		
1,2,4,5-Tetramethylbenzene	mg/kg	-	-	-	-	-	-	0.0055	U	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-		
Ethyl ether	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-		
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	0.0069	U	0.0063	U	0.0075	U	0.0055	U	0.0069	U	-	-	-	-		
Acrolein	mg/kg	-	-	-	-	-	-	0.034	U	0.031	U	0.037	U	0.028	U	0.035	U	-	-	-	-		
Methyl Acetate	mg/kg	-	-	-	-	-	-	0.028	U	0.0072	J	0.03	U	0.022	U	0.028	U	-	-	-	-		
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cyclohexane	mg/kg	-	-	-	-	-	-	0.0015	J	0.025	U	0.03	U	0.022	U	0.028	U	-	-	-	-		
Tert-Butyl Alcohol	mg/kg	-	-	-	-	-	-	0.083	U	0.075	U	0.09	U	0.066	U	0.083	U	-	-	-	-		
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	0.00099	J	0.005	U	0.006	U	0.0044	U	0.0055	U	-	-	-	-		
Freon-113	mg/kg	-	-	-	-	-	-	0.028	U	0.025	U	0.03	U	0.022	U	0.028	U	-	-	-	-		

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID AA (8'-15') COMP		GRAB 1		GRAB 2		GRAB 3		GRAB 4		GRAB 5
SAMPLING DATE	Unrestricted		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017
LAB SAMPLE ID	Use Criteria		L1737683-01		L1737683-02		L1737683-03		L1737683-04		L1737683-05		L1737683-06		L1739586-01		L1739586-02		L1739586-03		L1739586-04		L1739586-05
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Chlorinated Herbicides by GC																							
2,4-D		mg/kg	-	-	-	-	-	-	-	-	-	-	0.174	U	-	-	-	-	-	-	-	-	-
2,4,5-T		mg/kg	-	-	-	-	-	-	-	-	-	-	0.174	U	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	mg/kg	-	-	-	-	-	-	-	-	-	-	0.174	U	-	-	-	-	-	-	-	-	-
Gasoline Range Organics																							
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry																							
Chromium, Trivalent	30	mg/kg	-	-	-	-	-	-	-	-	-	-	24		-	-	-	-	-	-	-	-	-
Solids, Total		%	92.3		93.5		96.7		94.4		95.2		94.4		82.5		74.8		74.4		86.7		73.6
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	-	-	-	-	-	-	0.98	U	-	-	-	-	-	-	-	-	-
pH (H)		SU	-	-	-	-	-	-	-	-	-	-	8		-	-	-	-	-	-	-	-	-
Cyanide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	10	U	-	-	-	-	-	-	-	-	-
Sulfide, Reactive		mg/kg	-	-	-	-	-	-	-	-	-	-	10	U	-	-	-	-	-	-	-	-	-
Ignitability of Solids																							
Ignitability			-	-	-	-	-	-	-	-	-	-	NI	U	-	-	-	-	-	-	-	-	-
NJ Hexavalent Chromium																							
Chromium, Hexavalent	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.85	U	-	-	-	-	-	-	-	-	-
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation																							
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																							
Aroclor 1016	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0242	J	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00622	J	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	-	-	-	-	-
PCBs, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	0.0304	J	-	-	-	-	-	-	-	-	-
Pesticides by GC																							
Delta-BHC	0.04	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Lindane	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000828	U	-	-	-	-	-	-	-	-	-
Aldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Heptachlor epoxide		mg/kg	-	-	-	-	-	-	-	-	-	-	0.0031	U	-	-	-	-	-	-	-	-	-
Endrin	0.014	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000721		-	-	-	-	-	-	-	-	-
Endrin aldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	0.00207	U	-	-	-	-	-	-	-	-	-
Endrin ketone		mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00103	U	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00671		-	-	-	-	-	-	-	-	-
4,4'-DDD	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0158		-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00166	U	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-
Methoxychlor		mg/kg	-	-	-	-	-	-	-	-	-	-	0.0031	U	-	-	-	-	-	-	-	-	-
Toxaphene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.031	U	-	-	-	-	-	-	-	-	-
Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	0.000802	J	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00142	JPI	-	-	-	-	-	-	-	-	-
trans-Chlordane		mg/kg	-	-	-	-	-	-	-	-	-	-	0.00783	JPI	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																							
Acenaphthene	20	mg/kg	-	-	-	-	-	-	-	-	-	-	0.019	J	-	-	-	-	-	-	-	-	-
Benzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.58	U	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Azobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID AA (8'-15') COMP		GRAB 1		GRAB 2		GRAB 3		GRAB 4		GRAB 5
SAMPLING DATE	Unrestricted		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017
LAB SAMPLE ID	Use Criteria		L1737683-01		L1737683-02		L1737683-03		L1737683-04		L1737683-05		L1737683-06		L1739586-01		L1739586-02		L1739586-03		L1739586-04		L1739586-05
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Hexachlorobenzene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	0.16	U	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Fluoranthene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.38	U	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	0.21	U	-	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	0.19	U	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.5	U	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	0.16	U	-	-	-	-	-	-	-	-	-
Naphthalene	12	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.16	U	-	-	-	-	-	-	-	-	-
NitrosoDiPhenylAmine (NDPA)/DPA		mg/kg	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Di-n-octylphthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.23	U	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	0.082	J	-	-	-	-	-	-	-	-	-
Chrysene	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.17	U	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-	-	-	-
Anthracene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.056	J	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.12	J	-	-	-	-	-	-	-	-	-
Fluorene	30	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Phenanthrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.25	U	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.028	J	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	-	-	-	-	-	-	-	-	-	0.12	J	-	-	-	-	-	-	-	-	-
Pyrene	100	mg/kg	-	-	-	-	-	-	-	-	-	-	0.32	U	-	-	-	-	-	-	-	-	-
Biphenyl		mg/kg	-	-	-	-	-	-	-	-	-	-	0.4	U	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Dibenzofuran	7	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.21	U	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	-	-
P-Chloro-M-Cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.16	U	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.38	U	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.25	U	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.84	U	-	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	mg/kg	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-	-	-	-
Phenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-

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553 Marcy Avenue
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LOCATION	NY		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID AA (8'-15') COMP		GRAB 1		GRAB 2		GRAB 3		GRAB 4		GRAB 5
SAMPLING DATE	Unrestricted		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017
LAB SAMPLE ID	Use Criteria		L1737683-01		L1737683-02		L1737683-03		L1737683-04		L1737683-05		L1737683-06		L1739586-01		L1739586-02		L1739586-03		L1739586-04		L1739586-05
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
2-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.25	U	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Benzoic Acid		mg/kg	-	-	-	-	-	-	-	-	-	-	0.57	U	-	-	-	-	-	-	-	-	-
Benzyl Alcohol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	0.03	J	-	-	-	-	-	-	-	-	-
n-Nitrosodimethylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.35	U	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	0.23	U	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	-
TCLP Metals by EPA 1311																							
Arsenic, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	1	U	-	-	-	-	-	-	-	-	-
Barium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.386	J	-	-	-	-	-	-	-	-	-
Cadmium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	-	-
Chromium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.2	U	-	-	-	-	-	-	-	-	-
Lead, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.055	J	-	-	-	-	-	-	-	-	-
Mercury, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.001	U	-	-	-	-	-	-	-	-	-
Selenium, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.5	U	-	-	-	-	-	-	-	-	-
Silver, TCLP		mg/l	-	-	-	-	-	-	-	-	-	-	0.1	U	-	-	-	-	-	-	-	-	-
Total Metals																							
Aluminum, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	5590		-	-	-	-	-	-	-	-	-
Antimony, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	4.14	U	-	-	-	-	-	-	-	-	-
Arsenic, Total	13	mg/kg	-	-	-	-	-	-	-	-	-	-	10.3		-	-	-	-	-	-	-	-	-
Barium, Total	350	mg/kg	-	-	-	-	-	-	-	-	-	-	103		-	-	-	-	-	-	-	-	-
Beryllium, Total	7.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.34	J	-	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	mg/kg	-	-	-	-	-	-	-	-	-	-	0.547	J	-	-	-	-	-	-	-	-	-
Calcium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	5690		-	-	-	-	-	-	-	-	-
Chromium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	24.2		-	-	-	-	-	-	-	-	-
Cobalt, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	6.1		-	-	-	-	-	-	-	-	-
Copper, Total	50	mg/kg	-	-	-	-	-	-	-	-	-	-	21		-	-	-	-	-	-	-	-	-
Iron, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	17500		-	-	-	-	-	-	-	-	-
Lead, Total	63	mg/kg	-	-	-	-	-	-	-	-	-	-	96.2		-	-	-	-	-	-	-	-	-
Magnesium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	1600		-	-	-	-	-	-	-	-	-
Manganese, Total	1600	mg/kg	-	-	-	-	-	-	-	-	-	-	499		-	-	-	-	-	-	-	-	-
Mercury, Total	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	0.3		-	-	-	-	-	-	-	-	-
Nickel, Total	30	mg/kg	-	-	-	-	-	-	-	-	-	-	11.4		-	-	-	-	-	-	-	-	-
Potassium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	739		-	-	-	-	-	-	-	-	-
Selenium, Total	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	1.66	U	-	-	-	-	-	-	-	-	-
Silver, Total	2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.828	U	-	-	-	-	-	-	-	-	-
Sodium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	220		-	-	-	-	-	-	-	-	-
Thallium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	1.66	U	-	-	-	-	-	-	-	-	-
Vanadium, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	25.9		-	-	-	-	-	-	-	-	-
Zinc, Total	109	mg/kg	-	-	-	-	-	-	-	-	-	-	81.5		-	-	-	-	-	-	-	-	-
Volatile Organics by 8260/5035																							
Methylene chloride	0.05	mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.3	J	0.014	U	0.018	U	0.013	U	0.014
1,1-Dichloroethane	0.27	mg/kg	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U	-	-	0.12	U	0.0021	U	0.0027	U	0.002	U	0.0022
Chloroform	0.37	mg/kg	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U	-	-	0.12	U	0.0021	U	0.0027	U	0.002	U	0.0022
Carbon tetrachloride	0.76	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
1,2-Dichloropropane		mg/kg	0.0036	U	0.0037	U	0.0033	U	0.0033	U	0.0034	U	-	-	0.28	U	0.005	U	0.0064	U	0.0047	U	0.005
Dibromochloromethane		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
1,1,2-Trichloroethane		mg/kg	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U	-	-	0.12	U	0.0021	U	0.0027	U	0.002	U	0.0022
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
Chlorobenzene	1.1	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
Trichlorofluoromethane		mg/kg	0.0051	U	0.0052	J	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0066	J	0.0072
1,2-Dichloroethane	0.02	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
1,1,1-Trichloroethane	0.68	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
Bromodichloromethane		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
trans-1,3-Dichloropropene		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014
cis-1,3-Dichloropropene		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION		NY		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID AA (8'-15') COMP		GRAB 1		GRAB 2		GRAB 3		GRAB 4		GRAB 5
SAMPLING DATE		Unrestricted Use Criteria		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2
LAB SAMPLE ID				L1737683-01		L1737683-02		L1737683-03		L1737683-04		L1737683-05		L1737683-06		L1739586-01		L1739586-02		L1739586-03		L1739586-04		L173958
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1-Dichloropropene		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Bromoform		mg/kg	0.0041	U	0.0043	U	0.0038	U	0.0038	U	0.0039	U	-	-	0.32	U	0.0057	U	0.0073	U	0.0054	U	0.0058	
1,1,2,2-Tetrachloroethane		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
Benzene	0.06	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
Toluene	0.7	mg/kg	0.0002	J	0.0016	U	0.0014	U	0.00042	J	0.0014	U	-	-	0.12	U	0.0021	U	0.0027	U	0.002	U	0.0022	
Ethylbenzene	1	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
Chloromethane		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Bromomethane		mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
Vinyl chloride	0.02	mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
Chloroethane		mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
1,1-Dichloroethene	0.33	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
trans-1,2-Dichloroethene	0.19	mg/kg	0.0015	U	0.0016	U	0.0014	U	0.0014	U	0.0014	U	-	-	0.12	U	0.0021	U	0.0027	U	0.002	U	0.0022	
Trichloroethene	0.47	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
1,2-Dichlorobenzene	1.1	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
1,3-Dichlorobenzene	2.4	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
1,4-Dichlorobenzene	1.8	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Methyl tert butyl ether	0.93	mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.018	J	0.0028	U	0.0036	U	0.0027	U	0.0029	
p/m-Xylene		mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
o-Xylene		mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
Xylenes, Total	0.26	mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	
cis-1,2-Dichloroethene	0.25	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibromomethane		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene		mg/kg	0.002	U	0.0021	U	0.0019	U	0.0019	U	0.0019	U	-	-	0.16	U	0.0028	U	0.0036	U	0.0027	U	0.0029	
Dichlorodifluoromethane		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
Acetone	0.05	mg/kg	0.0071	J	0.0069	J	0.004	J	0.028		0.032	J	-	-	0.81	U	0.0049	J	0.0062	J	0.013	U	0.0073	
Carbon disulfide		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
2-Butanone	0.12	mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
Vinyl acetate		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
4-Methyl-2-pentanone		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
1,2,3-Trichloropropane		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
2-Hexanone		mg/kg	0.01	U	0.011	U	0.0094	U	0.0094	U	0.0097	U	-	-	0.81	U	0.014	U	0.018	U	0.013	U	0.014	
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromochloromethane		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,2-Dichloropropane		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
1,2-Dibromoethane		mg/kg	0.0041	U	0.0043	U	0.0038	U	0.0038	U	0.0039	U	-	-	0.32	U	0.0057	U	0.0073	U	0.0054	U	0.0058	
1,3-Dichloropropane		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
1,1,1,2-Tetrachloroethane		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
Bromobenzene		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
n-Butylbenzene	12	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
sec-Butylbenzene	11	mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094	U	0.00097	U	-	-	0.081	U	0.0014	U	0.0018	U	0.0013	U	0.0014	
tert-Butylbenzene	5.9	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
o-Chlorotoluene		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
p-Chlorotoluene		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
1,2-Dibromo-3-chloropropane		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Hexachlorobutadiene		mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Isopropylbenzene		mg/kg	0.001	U	0.0011	U	0.00094	U	0.00094</															

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		GRAB-1		GRAB-2		GRAB-3		GRAB-4		GRAB-5		GRID AA (8'-15') COMP		GRAB 1		GRAB 2		GRAB 3		GRAB 4		GRAB 5
SAMPLING DATE			10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/18/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2017		10/31/2
LAB SAMPLE ID			L1737683-01		L1737683-02		L1737683-03		L1737683-04		L1737683-05		L1737683-06		L1739586-01		L1739586-02		L1739586-03		L1739586-04		L173958
		Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Ethyltoluene	mg/kg	0.0041	U	0.0043	U	0.0038	U	0.0038	U	0.0039	U	-	-	0.32	U	0.0057	U	0.0073	U	0.0054	U	0.0058	
1,2,4,5-Tetramethylbenzene	mg/kg	0.0041	U	0.0043	U	0.0038	U	0.0038	U	0.0039	U	-	-	0.013	J	0.0057	U	0.0073	U	0.0054	U	0.0058	
Ethyl ether	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
trans-1,4-Dichloro-2-butene	mg/kg	0.0051	U	0.0053	U	0.0047	U	0.0047	U	0.0049	U	-	-	0.4	U	0.0071	U	0.0091	U	0.0067	U	0.0072	
Acrolein	mg/kg	0.026	U	0.027	U	0.024	U	0.024	U	0.024	U	-	-	2	U	0.036	U	0.045	U	0.034	U	0.036	
Methyl Acetate	mg/kg	0.02	U	0.021	U	0.019	U	0.019	U	0.019	U	-	-	0.18	J	0.028	U	0.036	U	0.027	U	0.006	
Ethyl Acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane	mg/kg	0.02	U	0.021	U	0.019	U	0.019	U	0.019	U	-	-	1.6	U	0.028	U	0.036	U	0.027	U	0.029	
Tert-Butyl Alcohol	mg/kg	0.061	U	0.064	U	0.056	U	0.057	U	0.058	U	-	-	4.9	U	0.085	U	0.11	U	0.08	U	0.087	
Ethyl-Tert-Butyl-Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tertiary-Amyl Methyl Ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane	mg/kg	0.0041	U	0.0043	U	0.0038	U	0.0038	U	0.0039	U	-	-	0.32	U	0.0057	U	0.0073	U	0.0012	J	0.0058	
Freon-113	mg/kg	0.02	U	0.021	U	0.019	U	0.019	U	0.019	U	-	-	1.6	U	0.028	U	0.036	U	0.027	U	0.029	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		5	GRID W (8'-15') COMP	GRID W (8'-15') COMP	TD 15-20	TD 15-20	TD 20-25	TD 20-25	TD 25-30	TD 25-30	UD 15-20	UD 20	
SAMPLING DATE	Unrestricted Use Criteria		017	10/31/2017	10/31/2017	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/20	
LAB SAMPLE ID			6-05	L1739586-06	L1739586-06 R1	L1617073-01	L1617073-01 R1	L1617073-02	L1617073-02 R1	L1617073-03	L1617073-03 R1	L1617073-04	L161707	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Chlorinated Herbicides by GC														
2,4-D		mg/kg	-	0.192	U	-	-	0.173	U	-	-	0.201	U	0.17
2,4,5-T		mg/kg	-	0.192	U	-	-	0.173	U	-	-	0.201	U	0.17
2,4,5-TP (Silvex)	3.8	mg/kg	-	0.192	U	-	-	0.173	U	-	-	0.201	U	0.17
Gasoline Range Organics														
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry														
Chromium, Trivalent	30	mg/kg	-	35	-	-	11	-	-	14	-	-	14	14
Solids, Total		%	-	85.4	-	-	94.9	-	-	82.2	-	-	95.2	95.6
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	-	-	-	-	0.44	J	-	1.2	U	-	1	0.97
pH(H)		SU	-	8.1	-	-	7.5	-	-	7.4	-	-	7.8	7.8
Cyanide, Reactive		mg/kg	-	10	U	-	-	10	U	-	-	10	U	10
Sulfide, Reactive		mg/kg	-	10	U	-	-	10	U	-	-	10	U	10
Ignitability of Solids														
Ignitability			-	NI	U	-	-	NI	U	-	-	NI	U	NI
NJ Hexavalent Chromium														
Chromium, Hexavalent	1	mg/kg	-	0.94	U	-	-	0.84	U	-	-	0.97	U	0.84
pH		SU	-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation														
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC														
Aroclor 1016	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1221	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1232	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1242	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1248	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1254	0.1	mg/kg	-	0.488	-	-	0.0335	U	-	0.0402	U	-	0.0349	U
Aroclor 1260	0.1	mg/kg	-	0.166	-	-	0.0335	U	-	0.0402	U	-	0.0349	U
Aroclor 1262	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
Aroclor 1268	0.1	mg/kg	-	0.038	U	-	-	0.0335	U	-	-	0.0402	U	0.0339
PCBs, Total		mg/kg	-	0.654	-	-	0.0335	U	-	0.0402	U	-	0.0349	U
Pesticides by GC														
Delta-BHC	0.04	mg/kg	-	0.00182	U	-	-	0.00164	U	-	-	0.00188	U	0.00161
Lindane	0.1	mg/kg	-	0.00076	U	-	-	0.00068	U	-	-	0.00078	U	0.00067
Alpha-BHC	0.02	mg/kg	-	0.00076	U	-	-	0.00068	U	-	-	0.00078	U	0.00067
Beta-BHC	0.036	mg/kg	-	0.00182	U	-	-	0.00164	U	-	-	0.00188	U	0.00161
Heptachlor	0.042	mg/kg	-	0.000912	U	-	-	0.00082	U	-	-	0.00093	U	0.0008
Aldrin	0.005	mg/kg	-	0.00182	U	-	-	0.00164	U	-	-	0.00188	U	0.00161
Heptachlor epoxide		mg/kg	-	0.00342	U	-	-	0.00307	U	-	-	0.00352	U	0.00303
Endrin	0.014	mg/kg	-	0.00076	U	-	-	0.00068	U	-	-	0.00078	U	0.00067
Endrin aldehyde		mg/kg	-	0.00228	U	-	-	0.00205	U	-	-	0.00235	U	0.00202
Endrin ketone		mg/kg	-	0.00182	U	-	-	0.00164	U	-	-	0.00188	U	0.00161
Dieldrin	0.005	mg/kg	-	0.00114	U	-	-	0.00102	U	-	-	0.00117	U	0.00101
4,4'-DDE	0.0033	mg/kg	-	0.00182	U	-	-	0.00968	-	0.0134	-	0.0157	P	0.00163
4,4'-DDD	0.0033	mg/kg	-	0.00182	U	-	-	0.376	E	0.293	1.12	E	0.959	0.782
4,4'-DDT	0.0033	mg/kg	-	0.262	E	0.336	P	0.00396	-	-	0.00352	U	-	0.00305
Endosulfan I	2.4	mg/kg	-	0.00182	U	-	-	0.00164	U	-	-	0.00188	U	0.00161
Endosulfan II	2.4	mg/kg	-	0.00334	PI	-	-	0.00164	U	-	-	0.00188	U	0.00161
Endosulfan sulfate	2.4	mg/kg	-	0.00076	U	-	-	0.00068	U	-	-	0.00078	U	0.00067
Methoxychlor		mg/kg	-	0.00342	U	-	-	0.00307	U	-	-	0.00352	U	0.00303
Toxaphene		mg/kg	-	0.0342	U	-	-	0.0307	U	-	-	0.0352	U	0.0305
Chlordane		mg/kg	-	0.00971	PI	-	-	0.0133	U	-	-	0.0152	U	0.0131
cis-Chlordane	0.094	mg/kg	-	0.00228	U	-	-	0.00205	U	-	-	0.00235	U	0.00202
trans-Chlordane		mg/kg	-	0.0148	-	-	-	0.00205	U	-	-	0.00235	U	0.00202
Semivolatile Organics by GC/MS														
Acenaphthene	20	mg/kg	-	0.049	J	-	-	0.14	U	-	-	0.16	U	0.038
Benzidine		mg/kg	-	0.63	U	-	-	0.57	U	-	-	0.67	U	0.56
1,2,4-Trichlorobenzene		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	0.17
Azobenzene		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	0.17

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		5	GRID W (8'-15') COMP		GRID W (8'-15') COMP		TD 15-20		TD 15-20		TD 20-25		TD 20-25		TD 25-30		TD 25-30		UD 15-20		UD 20
SAMPLING DATE	Unrestricted Use Criteria		017	10/31/2017		10/31/2017		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/20
LAB SAMPLE ID			6-05	L1739586-06		L1739586-06 R1		L1617073-01		L1617073-01 R1		L1617073-02		L1617073-02 R1		L1617073-03		L1617073-03 R1		L1617073-04		L161707
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Hexachlorobenzene	0.33	mg/kg	-	0.11	U	-	-	0.05	U	-	-	0.058	U	-	-	0.049	U	-	-	0.05	U	0.049
Bis(2-chloroethyl)ether		mg/kg	-	0.17	U	-	-	0.062	U	-	-	0.073	U	-	-	0.062	U	-	-	0.063	U	0.061
2-Chloronaphthalene		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	0.19	U	-	-	0.13	U	-	-	0.16	U	-	-	0.13	U	-	-	0.13	U	0.13
2,4-Dinitrotoluene		mg/kg	-	0.19	U	-	-	0.086	U	-	-	0.1	U	-	-	0.085	U	-	-	0.087	U	0.084
2,6-Dinitrotoluene		mg/kg	-	0.19	U	-	-	0.068	U	-	-	0.08	U	-	-	0.068	U	-	-	0.069	U	0.067
Fluoranthene	100	mg/kg	-	1.6	-	-	-	0.1	U	-	-	0.023	J	-	-	0.1	U	-	-	0.2	-	0.98
4-Chlorophenyl phenyl ether		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
4-Bromophenyl phenyl ether		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Bis(2-chloroisopropyl)ether		mg/kg	-	0.23	U	-	-	0.21	U	-	-	0.24	U	-	-	0.2	U	-	-	0.21	U	0.2
Bis(2-chloroethoxy)methane		mg/kg	-	0.21	U	-	-	0.19	U	-	-	0.22	U	-	-	0.18	U	-	-	0.19	U	0.18
Hexachlorobutadiene		mg/kg	-	0.19	U	-	-	0.064	U	-	-	0.075	U	-	-	0.064	U	-	-	0.065	U	0.063
Hexachlorocyclopentadiene		mg/kg	-	0.54	U	-	-	0.49	U	-	-	0.58	U	-	-	0.49	U	-	-	0.5	U	0.48
Hexachloroethane		mg/kg	-	0.15	U	-	-	0.084	U	-	-	0.098	U	-	-	0.083	U	-	-	0.085	U	0.082
Isophorone		mg/kg	-	0.17	U	-	-	0.058	U	-	-	0.068	U	-	-	0.058	U	-	-	0.058	U	0.057
Naphthalene	12	mg/kg	-	0.055	J	-	-	0.44	-	-	-	1.8	-	-	-	2.2	-	-	-	0.17	U	0.028
Nitrobenzene		mg/kg	-	0.17	U	-	-	0.076	U	-	-	0.09	U	-	-	0.076	U	-	-	0.077	U	0.075
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	-	0.15	U	-	-	0.042	U	-	-	0.05	U	-	-	0.042	U	-	-	0.043	U	0.042
n-Nitrosodi-n-propylamine		mg/kg	-	0.19	U	-	-	0.043	U	-	-	0.051	U	-	-	0.043	U	-	-	0.044	U	0.043
Bis(2-Ethylhexyl)phthalate		mg/kg	-	0.46	-	-	-	0.1	J	-	-	0.18	J	-	-	0.26	-	-	-	0.097	J	0.17
Butyl benzyl phthalate		mg/kg	-	0.085	J	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Di-n-butylphthalate		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Di-n-octylphthalate		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Diethyl phthalate		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Dimethyl phthalate		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Benzo(a)anthracene	1	mg/kg	-	0.77	-	-	-	0.021	J	-	-	0.068	U	-	-	0.058	U	-	-	0.091	-	0.43
Benzo(a)pyrene	1	mg/kg	-	0.6	-	-	-	0.061	J	-	-	0.054	J	-	-	0.12	U	-	-	0.11	J	0.38
Benzo(b)fluoranthene	1	mg/kg	-	0.87	-	-	-	0.031	J	-	-	0.051	U	-	-	0.043	U	-	-	0.12	-	0.52
Benzo(k)fluoranthene	0.8	mg/kg	-	0.3	-	-	-	0.016	J	-	-	0.042	U	-	-	0.036	U	-	-	0.04	-	0.16
Chrysene	1	mg/kg	-	0.76	-	-	-	0.1	U	-	-	0.12	U	-	-	0.1	U	-	-	0.085	J	0.42
Acenaphthylene	100	mg/kg	-	0.2	-	-	-	0.14	U	-	-	0.16	U	-	-	0.14	U	-	-	0.14	U	0.032
Anthracene	100	mg/kg	-	0.25	-	-	-	0.1	U	-	-	0.12	U	-	-	0.1	U	-	-	0.035	J	0.12
Benzo(ghi)perylene	100	mg/kg	-	0.43	-	-	-	0.14	U	-	-	0.16	U	-	-	0.14	U	-	-	0.064	J	0.26
Fluorene	30	mg/kg	-	0.055	J	-	-	0.17	U	-	-	0.2	U	-	-	0.037	J	-	-	0.018	J	0.032
Phenanthrene	100	mg/kg	-	1.1	-	-	-	0.1	U	-	-	0.044	J	-	-	0.07	J	-	-	0.17	-	0.68
Dibenzo(a,h)anthracene	0.33	mg/kg	-	0.1	J	-	-	0.06	U	-	-	0.07	U	-	-	0.06	U	-	-	0.029	J	0.077
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg	-	0.43	-	-	-	0.066	J	-	-	0.063	J	-	-	0.072	U	-	-	0.11	-	0.28
Pyrene	100	mg/kg	-	1.4	-	-	-	0.1	U	-	-	0.026	J	-	-	0.032	J	-	-	0.18	-	0.94
Biphenyl		mg/kg	-	0.43	U	-	-	0.39	U	-	-	0.46	U	-	-	0.15	J	-	-	0.4	U	0.39
4-Chloroaniline		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
2-Nitroaniline		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
3-Nitroaniline		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
4-Nitroaniline		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Dibenzofuran	7	mg/kg	-	0.052	J	-	-	0.17	U	-	-	0.2	U	-	-	0.026	J	-	-	0.17	U	0.032
2-Methylnaphthalene		mg/kg	-	0.03	J	-	-	0.12	J	-	-	0.77	-	-	-	1	-	-	-	0.21	U	0.2
1,2,4,5-Tetrachlorobenzene		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Acetophenone		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
2,4,6-Trichlorophenol		mg/kg	-	0.11	U	-	-	0.098	U	-	-	0.12	U	-	-	0.098	U	-	-	0.099	U	0.097
p-Chloro-M-Cresol		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
2-Chlorophenol		mg/kg	-	0.19	U	-	-	0.057	U	-	-	0.067	U	-	-	0.056	U	-	-	0.057	U	0.056
2,4-Dichlorophenol		mg/kg	-	0.17	U	-	-	0.083	U	-	-	0.097	U	-	-	0.082	U	-	-	0.084	U	0.082
2,4-Dimethylphenol		mg/kg	-	0.19	U	-	-	0.16	U	-	-	0.19	U	-	-	0.16	U	-	-	0.17	U	0.16
2-Nitrophenol		mg/kg	-	0.41	U	-	-	0.37	U	-	-	0.44	U	-	-	0.37	U	-	-	0.38	U	0.37
4-Nitrophenol		mg/kg	-	0.27	U	-	-	0.24	U	-	-	0.28	U	-	-	0.24	U	-	-	0.24	U	0.24
2,4-Dinitrophenol		mg/kg	-	0.92	U	-	-	0.25	U	-	-	0.29	U	-	-	0.25	U	-	-	0.25	U	0.24
4,6-Dinitro-o-cresol		mg/kg	-	0.5	U	-	-	0.25	U	-	-	0.29	U	-	-	0.25	U	-	-	0.25	U	0.24
Pentachlorophenol	0.8	mg/kg	-	0.15	U	-	-	0.11	U	-	-	0.13	U	-	-	0.11	U	-	-	0.11	U	0.11
Phenol	0.33	mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		5	GRID W (8'-15') COMP		GRID W (8'-15') COMP		TD 15-20		TD 15-20		TD 20-25		TD 20-25		TD 25-30		TD 25-30		UD 15-20		UD 20
SAMPLING DATE	Unrestricted Use Criteria		017	10/31/2017		10/31/2017		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/20		
LAB SAMPLE ID			6-05	L1739586-06		L1739586-06 R1		L1617073-01		L1617073-01 R1		L1617073-02		L1617073-02 R1		L1617073-03		L1617073-03 R1		L1617073-04		
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
2-Methylphenol	0.33	mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
3-Methylphenol/4-Methylphenol	0.33	mg/kg	-	0.27	U	-	-	0.25	U	-	-	0.29	U	-	-	0.25	U	-	-	0.25	U	0.24
2,4,5-Trichlorophenol		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Benzoic Acid		mg/kg	-	0.42	J	-	-	0.55	U	-	-	0.65	U	-	-	0.55	U	-	-	0.56	U	0.54
Benzyl Alcohol		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Carbazole		mg/kg	-	0.17	J	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.016	J	0.052
n-Nitrosodimethylamine		mg/kg	-	0.38	U	-	-	0.34	U	-	-	0.4	U	-	-	0.34	U	-	-	0.35	U	0.34
Benzaldehyde		mg/kg	-	0.058	J	-	-	0.23	U	-	-	0.27	U	-	-	0.23	U	-	-	0.23	U	0.22
Caprolactam		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
Atrazine		mg/kg	-	0.15	U	-	-	0.14	U	-	-	0.16	U	-	-	0.14	U	-	-	0.14	U	0.14
2,3,4,6-Tetrachlorophenol		mg/kg	-	0.19	U	-	-	0.17	U	-	-	0.2	U	-	-	0.17	U	-	-	0.17	U	0.17
TCLP Metals by EPA 1311																						
Arsenic, TCLP		mg/l	-	1	U	-	-	1	U	-	-	1	U	-	-	1	U	-	-	1	U	1
Barium, TCLP		mg/l	-	0.191	J	-	-	0.53	J	-	-	0.47	J	-	-	0.43	J	-	-	0.34	J	0.42
Cadmium, TCLP		mg/l	-	0.028	J	-	-	0.1	U	-	-	0.1	U	-	-	0.1	U	-	-	0.1	U	0.1
Chromium, TCLP		mg/l	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2
Lead, TCLP		mg/l	-	0.838	J	-	-	0.78	J	-	-	0.5	U	-	-	0.5	U	-	-	0.5	U	2.4
Mercury, TCLP		mg/l	-	0.001	U	-	-	0.001	U	-	-	0.001	U	-	-	0.001	U	-	-	0.001	U	0.001
Selenium, TCLP		mg/l	-	0.5	U	-	-	0.5	U	-	-	0.5	U	-	-	0.5	U	-	-	0.03	J	0.5
Silver, TCLP		mg/l	-	0.1	U	-	-	0.1	U	-	-	0.1	U	-	-	0.1	U	-	-	0.1	U	0.1
Total Metals																						
Aluminum, Total		mg/kg	-	5620		-	-	4900		-	-	5000		-	-	3700		-	-	5700		4400
Antimony, Total		mg/kg	-	4.5	U	-	-	4	U	-	-	4.8	U	-	-	4	U	-	-	4.1	U	4.1
Arsenic, Total	13	mg/kg	-	7.13		-	-	2.2		-	-	1.3		-	-	0.82		-	-	1.9		8.2
Barium, Total	350	mg/kg	-	171		-	-	40		-	-	35		-	-	25		-	-	29		54
Beryllium, Total	7.2	mg/kg	-	0.234	J	-	-	0.14	J	-	-	0.12	J	-	-	0.21	J	-	-	0.14	J	0.15
Cadmium, Total	2.5	mg/kg	-	1.43		-	-	0.8	U	-	-	0.96	U	-	-	0.79	U	-	-	0.82	U	0.82
Calcium, Total		mg/kg	-	56600		-	-	940		-	-	1400		-	-	1300		-	-	620		5800
Chromium, Total		mg/kg	-	34.7		-	-	11		-	-	14		-	-	14		-	-	17		14
Cobalt, Total		mg/kg	-	5.42		-	-	4.4		-	-	5.4		-	-	4.5		-	-	5.2		5.7
Copper, Total	50	mg/kg	-	36.9		-	-	15		-	-	14		-	-	12		-	-	12		23
Iron, Total		mg/kg	-	24000		-	-	13000		-	-	17000		-	-	23000		-	-	20000		110000
Lead, Total	63	mg/kg	-	830		-	-	91		-	-	6		-	-	6.1		-	-	8.6		160
Magnesium, Total		mg/kg	-	3730		-	-	1100		-	-	1700		-	-	1300		-	-	1600		1300
Manganese, Total	1600	mg/kg	-	350		-	-	340		-	-	420		-	-	410		-	-	350		580
Mercury, Total	0.18	mg/kg	-	0.75		-	-	0.45		-	-	0.08	U	-	-	0.07	U	-	-	0.03	J	0.13
Nickel, Total	30	mg/kg	-	24.2		-	-	7.5		-	-	10		-	-	7.6		-	-	9		9.1
Potassium, Total		mg/kg	-	937		-	-	570		-	-	1000		-	-	630		-	-	640		490
Selenium, Total	3.9	mg/kg	-	1.02	J	-	-	1.6	U	-	-	1.9	U	-	-	1.6	U	-	-	1.6	U	1.6
Silver, Total	2	mg/kg	-	0.9	U	-	-	0.8	U	-	-	0.96	U	-	-	0.79	U	-	-	0.82	U	0.82
Sodium, Total		mg/kg	-	520		-	-	67	J	-	-	89	J	-	-	66	J	-	-	62	J	86
Thallium, Total		mg/kg	-	1.8	U	-	-	1.6	U	-	-	1.9	U	-	-	1.6	U	-	-	1.6	U	1.6
Vanadium, Total		mg/kg	-	68.8		-	-	20		-	-	25		-	-	21		-	-	23		22
Zinc, Total	109	mg/kg	-	661		-	-	30		-	-	25		-	-	29		-	-	26		61
Volatile Organics by 8260/5035																						
Methylene chloride	0.05	mg/kg	U	-	-	-	-	2.6	U	-	-	3.8	U	-	-	5.5	U	-	-	0.0048	U	0.0051
1,1-Dichloroethane	0.27	mg/kg	U	-	-	-	-	0.77	U	-	-	1.2	U	-	-	1.6	U	-	-	0.0014	U	0.0015
Chloroform	0.37	mg/kg	U	-	-	-	-	0.77	U	-	-	1.2	U	-	-	1.6	U	-	-	0.0014	U	0.0015
Carbon tetrachloride	0.76	mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
1,2-Dichloropropane		mg/kg	U	-	-	-	-	1.8	U	-	-	2.7	U	-	-	3.8	U	-	-	0.0034	U	0.0036
Dibromochloromethane		mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
1,1,2-Trichloroethane		mg/kg	U	-	-	-	-	0.77	U	-	-	1.2	U	-	-	1.6	U	-	-	0.0014	U	0.0015
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	1.3	mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
Chlorobenzene	1.1	mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
Trichlorofluoromethane		mg/kg	U	-	-	-	-	2.6	U	-	-	3.8	U	-	-	5.5	U	-	-	0.0048	U	0.0051
1,2-Dichloroethane	0.02	mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
1,1,1-Trichloroethane	0.68	mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
Bromodichloromethane		mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
trans-1,3-Dichloropropene		mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001
cis-1,3-Dichloropropene		mg/kg	U	-	-	-	-	0.51	U	-	-	0.77	U	-	-	1.1	U	-	-	0.00096	U	0.001

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	5	GRID W (8'-15') COMP	GRID W (8'-15') COMP	TD 15-20	TD 15-20	TD 20-25	TD 20-25	TD 25-30	TD 25-30	UD 15-20	UD 20
SAMPLING DATE	Unrestricted	017	10/31/2017	10/31/2017	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/20
LAB SAMPLE ID	Use Criteria	6-05	L1739586-06	L1739586-06 R1	L1617073-01	L1617073-01 R1	L1617073-02	L1617073-02 R1	L1617073-03	L1617073-03 R1	L1617073-04	L161707
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
Bromoform		mg/kg	U	-	-	2	U	-	-	3.1	U	0.0038
1,1,2,2-Tetrachloroethane		mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
Benzene	0.06	mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
Toluene	0.7	mg/kg	U	-	-	0.77	U	-	-	1.2	U	0.0026
Ethylbenzene	1	mg/kg	U	-	-	0.16	J	-	-	0.12	J	0.00096
Chloromethane		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
Bromomethane		mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
Vinyl chloride	0.02	mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
Chloroethane		mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
1,1-Dichloroethene	0.33	mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
trans-1,2-Dichloroethene	0.19	mg/kg	U	-	-	0.77	U	-	-	1.2	U	0.0015
Trichloroethene	0.47	mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
1,2-Dichlorobenzene	1.1	mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,3-Dichlorobenzene	2.4	mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,4-Dichlorobenzene	1.8	mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
Methyl tert butyl ether	0.93	mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
p/m-Xylene		mg/kg	U	-	-	0.12	J	-	-	0.18	J	0.0019
o-Xylene		mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	-	-	-	5.1	U	-	-	7.7	U	0.0096
Styrene		mg/kg	U	-	-	1	U	-	-	1.5	U	0.0019
Dichlorodifluoromethane		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
Acetone	0.05	mg/kg	J	-	-	18	U	-	-	28	U	0.016
Carbon disulfide		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
2-Butanone	0.12	mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
Vinyl acetate		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
4-Methyl-2-pentanone		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
1,2,3-Trichloropropane		mg/kg	U	-	-	-	-	-	-	-	-	-
2-Hexanone		mg/kg	U	-	-	5.1	U	-	-	7.7	U	0.0096
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,2-Dibromoethane		mg/kg	U	-	-	1.5	U	-	-	2.3	U	0.0029
1,3-Dichloropropane		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,1,1,2-Tetrachloroethane		mg/kg	U	-	-	0.51	U	-	-	0.77	U	0.00096
Bromobenzene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
n-Butylbenzene	12	mg/kg	U	-	-	4.7	-	-	-	6.4	-	0.00096
sec-Butylbenzene	11	mg/kg	U	-	-	2.9	-	-	-	3.8	-	0.00096
tert-Butylbenzene	5.9	mg/kg	U	-	-	0.24	J	-	-	0.27	J	0.0048
o-Chlorotoluene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
p-Chlorotoluene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,2-Dibromo-3-chloropropane		mg/kg	U	-	-	1.5	U	-	-	2.3	U	0.0029
Hexachlorobutadiene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
Isopropylbenzene		mg/kg	U	-	-	0.5	J	-	-	0.6	J	0.00096
p-Isopropyltoluene		mg/kg	U	-	-	4	-	-	-	5.9	-	0.00096
Naphthalene	12	mg/kg	U	-	-	5	-	-	-	5.8	-	0.0048
Acrylonitrile		mg/kg	U	-	-	2	U	-	-	3.1	U	0.0038
n-Propylbenzene	3.9	mg/kg	U	-	-	1.4	-	-	-	1.5	-	0.00096
1,2,3-Trichlorobenzene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,2,4-Trichlorobenzene		mg/kg	U	-	-	2.6	U	-	-	3.8	U	0.0048
1,3,5-Trimethylbenzene	8.4	mg/kg	U	-	-	5.3	-	-	-	3.7	J	0.0048
1,2,4-Trimethylbenzene	3.6	mg/kg	U	-	-	21	-	-	-	26	-	0.0048
1,4-Dioxane	0.1	mg/kg	U	-	-	51	U	-	-	77	U	0.096
p-Diethylbenzene		mg/kg	U	-	-	29	-	-	-	31	-	0.0038

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		5	GRID W (8'-15') COMP		GRID W (8'-15') COMP		TD 15-20		TD 15-20		TD 20-25		TD 20-25		TD 25-30		TD 25-30		UD 15-20		UD 20
SAMPLING DATE	Unrestricted Use Criteria		017	10/31/2017		10/31/2017		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		6/6/2016		
LAB SAMPLE ID		6-05	L1739586-06		L1739586-06 R1		L1617073-01		L1617073-01 R1		L1617073-02		L1617073-02 R1		L1617073-03		L1617073-03 R1		L1617073-04			
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
p-Ethyltoluene		mg/kg	U	-	-	-	-	4.7	-	-	-	6.5	-	-	9.3	-	-	0.0038	U	0.0041		
1,2,4,5-Tetramethylbenzene		mg/kg	U	-	-	-	-	7.6	-	-	-	11	-	-	9.8	-	-	0.0038	U	0.0041		
Ethyl ether		mg/kg	U	-	-	-	-	2.6	U	-	-	3.8	U	-	-	5.5	U	-	-	0.0048	U	
trans-1,4-Dichloro-2-butene		mg/kg	U	-	-	-	-	2.6	U	-	-	3.8	U	-	-	5.5	U	-	-	0.0048	U	
Acrolein		mg/kg	U	-	-	-	-	13	U	-	-	19	U	-	-	28	U	-	-	0.024	U	
Methyl Acetate		mg/kg	J	-	-	-	-	2	U	-	-	3.8	-	-	4.4	U	-	-	0.0038	U		
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cyclohexane		mg/kg	U	-	-	-	-	10	U	-	-	15	U	-	-	22	U	-	-	0.019	U	
Tert-Butyl Alcohol		mg/kg	U	-	-	-	-	51	U	-	-	77	U	-	-	110	U	-	-	0.096	U	
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methyl cyclohexane		mg/kg	U	-	-	-	-	2	U	-	-	3.1	U	-	-	4.4	U	-	-	0.0038	U	
Freon-113		mg/kg	U	-	-	-	-	10	U	-	-	15	U	-	-	22	U	-	-	0.019	U	

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY		25	UD 25-30	UD 25-30	SD 15-20	SD 20-25	SD 25-30	SD 25-30	SD 25-30					
SAMPLING DATE	Unrestricted Use Criteria		16	6/6/2016	6/6/2016	6/7/2016	6/7/2016	6/7/2016	6/7/2016	6/7/2016					
LAB SAMPLE ID			3-05	L1617073-06	L1617073-06 R1	L1617280-01	L1617280-02	L1617280-03	L1617280-03 R1						
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual				
Chlorinated Herbicides by GC															
2,4-D		mg/kg	U	0.175	U	-	-	0.203	U	0.172	U	-	-		
2,4,5-T		mg/kg	U	0.175	U	-	-	0.203	U	0.172	U	-	-		
2,4,5-TP (Silvex)	3.8	mg/kg	U	0.175	U	-	-	0.203	U	0.172	U	-	-		
Gasoline Range Organics															
Gasoline Range Organics		mg/kg	-	-	-	-	-	-	-	-	-	-	-		
General Chemistry															
Chromium, Trivalent	30	mg/kg		8.1		-	-	13		13		12		-	-
Solids, Total		%		93.9		-	-	80.8		96.2		95.7		-	-
Paint Filter Liquid		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Total	27	mg/kg	U	1	U	-	-	0.5	J	0.96	U	0.17	J	-	-
pH (H)		SU		7		-	-	7.8		7.7		7.4		-	-
Cyanide, Reactive		mg/kg	U	10	U	-	-	10	U	10	U	10	U	-	-
Sulfide, Reactive		mg/kg	U	10	U	-	-	10	U	10	U	10	U	-	-
Ignitability of Solids															
Ignitability			U	NI	U	-	-	NI	U	NI	U	NI	U	-	-
NJ Hexavalent Chromium															
Chromium, Hexavalent	1	mg/kg	U	0.85	U	-	-	0.99	U	0.83	U	0.84	U	-	-
pH		SU		-	-	-	-	-	-	-	-	-	-	-	-
Oxidation/Reduction Potential		mv	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbon Quantitation															
TPH		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC															
Aroclor 1016	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1221	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1232	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1242	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1248	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1254	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1260	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1262	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Aroclor 1268	0.1	mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
PCBs, Total		mg/kg	U	0.0341	U	-	-	0.0403	U	0.0338	U	0.0341	U	-	-
Pesticides by GC															
Delta-BHC	0.04	mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Lindane	0.1	mg/kg	U	0.00066	U	-	-	0.0008	U	0.00067	U	0.00069	U	-	-
Alpha-BHC	0.02	mg/kg	U	0.00066	U	-	-	0.0008	U	0.00067	U	0.00069	U	-	-
Beta-BHC	0.036	mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Heptachlor	0.042	mg/kg	U	0.0008	U	-	-	0.00096	U	0.00081	U	0.00083	U	-	-
Aldrin	0.005	mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Heptachlor epoxide		mg/kg	U	0.003	U	-	-	0.00361	U	0.00305	U	0.00313	U	-	-
Endrin	0.014	mg/kg	U	0.00066	U	-	-	0.0008	U	0.00067	U	0.00069	U	-	-
Endrin aldehyde		mg/kg	U	0.002	U	-	-	0.0024	U	0.00204	U	0.00209	U	-	-
Endrin ketone		mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Dieldrin	0.005	mg/kg	U	0.001	U	-	-	0.0012	U	0.00102	U	0.00104	U	-	-
4,4'-DDE	0.0033	mg/kg	U	0.0131		-	-	0.00192	U	0.00192		0.00582		-	-
4,4'-DDD	0.0033	mg/kg	U	0.742	E	1.04		0.0985		0.00995		0.188	E	0.205	
4,4'-DDT	0.0033	mg/kg	U	0.003	U	-	-	0.00361	U	0.00305	U	0.00267	J	-	-
Endosulfan I	2.4	mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Endosulfan II	2.4	mg/kg	U	0.0016	U	-	-	0.00192	U	0.00163	U	0.00167	U	-	-
Endosulfan sulfate	2.4	mg/kg	U	0.00066	U	-	-	0.0008	U	0.00067	U	0.00069	U	-	-
Methoxychlor		mg/kg	U	0.003	U	-	-	0.00361	U	0.00305	U	0.00313	U	-	-
Toxaphene		mg/kg	U	0.03	U	-	-	0.0361	U	0.0305	U	0.0313	U	-	-
Chlordane		mg/kg	U	0.013	U	-	-	0.0156	U	0.0132	U	0.0136	U	-	-
cis-Chlordane	0.094	mg/kg	U	0.002	U	-	-	0.0024	U	0.00204	U	0.00209	U	-	-
trans-Chlordane		mg/kg	U	0.002	U	-	-	0.0024	U	0.00204	U	0.00209	U	-	-
Semivolatile Organics by GC/MS															
Acenaphthene	20	mg/kg	J	2.1		-	-	0.72		0.43		0.44		-	-
Benzidine		mg/kg	U	5.8	U	-	-	1.3	U	1.1	U	1.1	U	-	-
1,2,4-Trichlorobenzene		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Azobenzene		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		25	UD 25-30		UD 25-30		SD 15-20		SD 20-25		SD 25-30		SD 25-30	
SAMPLING DATE		16	6/6/2016	6/6/2016		6/6/2016		6/7/2016		6/7/2016		6/7/2016		6/7/2016	
LAB SAMPLE ID		3-05	L1617073-06	L1617073-06		L1617073-06 R1		L1617280-01		L1617280-02		L1617280-03		L1617280-03 R1	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Hexachlorobenzene	0.33	mg/kg	U	0.5	U	-	-	0.12	U	0.098	U	0.099	U	-	-
Bis(2-chloroethyl)ether		mg/kg	U	0.63	U	-	-	0.14	U	0.12	U	0.12	U	-	-
2-Chloronaphthalene		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
1,2-Dichlorobenzene	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	U	1.3	U	-	-	0.31	U	0.26	U	0.26	U	-	-
2,4-Dinitrotoluene		mg/kg	U	0.87	U	-	-	0.2	U	0.17	U	0.17	U	-	-
2,6-Dinitrotoluene		mg/kg	U	0.69	U	-	-	0.16	U	0.13	U	0.14	U	-	-
Fluoranthene	100	mg/kg		0.32	J	-	-	4.4		0.24		1		-	-
4-Chlorophenyl phenyl ether		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
4-Bromophenyl phenyl ether		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Bis(2-chloroisopropyl)ether		mg/kg	U	2.1	U	-	-	0.48	U	0.41	U	0.41	U	-	-
Bis(2-chloroethoxy)methane		mg/kg	U	1.9	U	-	-	0.43	U	0.37	U	0.37	U	-	-
Hexachlorobutadiene		mg/kg	U	0.65	U	-	-	0.15	U	0.13	U	0.13	U	-	-
Hexachlorocyclopentadiene		mg/kg	U	5	U	-	-	1.2	U	0.97	U	0.98	U	-	-
Hexachloroethane		mg/kg	U	0.85	U	-	-	0.2	U	0.16	U	0.17	U	-	-
Isophorone		mg/kg	U	0.59	U	-	-	0.14	U	0.11	U	0.12	U	-	-
Naphthalene	12	mg/kg	J	8.3		-	-	1.9		2.7		3.7		-	-
Nitrobenzene		mg/kg	U	0.77	U	-	-	0.18	U	0.15	U	0.15	U	-	-
NitrosoDiPhenylAmine(NDPA)/DPA		mg/kg	U	0.43	U	-	-	0.099	U	0.083	U	0.084	U	-	-
n-Nitrosodi-n-propylamine		mg/kg	U	0.44	U	-	-	0.1	U	0.086	U	0.087	U	-	-
Bis(2-Ethylhexyl)phthalate		mg/kg	U	1.3	J	-	-	0.4	U	0.34	U	0.34	U	-	-
Butyl benzyl phthalate		mg/kg	U	1.7	U	-	-	2.4		0.34	U	0.34	U	-	-
Di-n-butylphthalate		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Di-n-octylphthalate		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Diethyl phthalate		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Dimethyl phthalate		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Benzo(a)anthracene	1	mg/kg		0.59	U	-	-	2.3		0.24		0.61		-	-
Benzo(a)pyrene	1	mg/kg		1.3	U	-	-	1.5		0.25	U	0.42		-	-
Benzo(b)fluoranthene	1	mg/kg		0.44	U	-	-	1.9		0.086	U	0.5		-	-
Benzo(k)fluoranthene	0.8	mg/kg		0.37	U	-	-	0.63		0.071	U	0.094		-	-
Chrysene	1	mg/kg		1	U	-	-	2.5		0.84		1		-	-
Acenaphthylene	100	mg/kg	J	1.4	U	-	-	0.32	U	0.27	U	0.28	U	-	-
Anthracene	100	mg/kg		1.3		-	-	1.7		0.55		0.64		-	-
Benzo(ghi)perylene	100	mg/kg		1.4	U	-	-	1.1		0.27	U	0.24	J	-	-
Fluorene	30	mg/kg	J	4		-	-	1.5		1.2		1.2		-	-
Phenanthrene	100	mg/kg		8.7		-	-	7.7		3.2		3.6		-	-
Dibenzo(a,h)anthracene	0.33	mg/kg		0.61	U	-	-	0.28		0.12	U	0.12	U	-	-
Indeno(1,2,3-cd)Pyrene	0.5	mg/kg		0.73	U	-	-	0.94		0.14	U	0.27		-	-
Pyrene	100	mg/kg		1.8		-	-	6		1		1.4		-	-
Biphenyl		mg/kg	U	3.9	J	-	-	1		1.4		1.5		-	-
4-Chloroaniline		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
2-Nitroaniline		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
3-Nitroaniline		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
4-Nitroaniline		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Dibenzo furan	7	mg/kg	J	1.7	U	-	-	0.71		0.34	U	0.34	U	-	-
2-Methylnaphthalene		mg/kg	U	31		-	-	1.7		8.6		9.6		-	-
1,2,4,5-Tetrachlorobenzene		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Acetophenone		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
2,4,6-Trichlorophenol		mg/kg	U	0.99	U	-	-	0.23	U	0.19	U	0.2	U	-	-
P-Chloro-M-Cresol		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
2-Chlorophenol		mg/kg	U	0.58	U	-	-	0.13	U	0.11	U	0.11	U	-	-
2,4-Dichlorophenol		mg/kg	U	0.84	U	-	-	0.19	U	0.16	U	0.16	U	-	-
2,4-Dimethylphenol		mg/kg	U	1.7	U	-	-	0.38	U	0.32	U	0.33	U	-	-
2-Nitrophenol		mg/kg	U	3.8	U	-	-	0.87	U	0.73	U	0.74	U	-	-
4-Nitrophenol		mg/kg	U	2.4	U	-	-	0.56	U	0.48	U	0.48	U	-	-
2,4-Dinitrophenol		mg/kg	U	2.5	U	-	-	0.58	U	0.49	U	0.5	U	-	-
4,6-Dinitro-o-cresol		mg/kg	U	2.5	U	-	-	0.58	U	0.49	U	0.5	U	-	-
Pentachlorophenol	0.8	mg/kg	U	1.2	U	-	-	0.26	U	0.22	U	0.23	U	-	-
Phenol	0.33	mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		25	UD 25-30		UD 25-30		SD 15-20		SD 20-25		SD 25-30		SD 25-30	
SAMPLING DATE		16	6/6/2016	6/6/2016		6/6/2016		6/7/2016		6/7/2016		6/7/2016		6/7/2016	
LAB SAMPLE ID		3-05	L1617073-06	L1617073-06 R1		L1617280-01		L1617280-02		L1617280-03		L1617280-03 R1			
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Methylphenol	0.33	mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
3-Methylphenol/4-Methylphenol	0.33	mg/kg	U	2.5	U	-	-	0.58	U	0.49	U	0.5	U	-	-
2,4,5-Trichlorophenol		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Benzoic Acid		mg/kg	U	5.6	U	-	-	1.3	U	1.1	U	1.1	U	-	-
Benzyl Alcohol		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Carbazole		mg/kg	J	0.44	J	-	-	0.4	U	0.34	U	0.34	U	-	-
n-Nitrosodimethylamine		mg/kg	U	3.5	U	-	-	0.8	U	0.68	U	0.69	U	-	-
Benzaldehyde		mg/kg	U	2.3	U	-	-	0.53	U	0.45	U	0.45	U	-	-
Caprolactam		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
Atrazine		mg/kg	U	1.4	U	-	-	0.32	U	0.27	U	0.28	U	-	-
2,3,4,6-Tetrachlorophenol		mg/kg	U	1.7	U	-	-	0.4	U	0.34	U	0.34	U	-	-
TCLP Metals by EPA 1311															
Arsenic, TCLP		mg/l	U	1	U	-	-	1	U	1	U	1	U	-	-
Barium, TCLP		mg/l	J	0.34	J	-	-	0.44	J	0.58		0.52		-	-
Cadmium, TCLP		mg/l	U	0.1	U	-	-	0.1	U	0.1	U	0.1	U	-	-
Chromium, TCLP		mg/l	U	0.2	U	-	-	0.2	U	0.2	U	0.06	J	-	-
Lead, TCLP		mg/l		0.5	U	-	-	0.03	J	0.5	U	0.5	U	-	-
Mercury, TCLP		mg/l	U	0.001	U	-	-	0.001	U	0.001	U	0.001	U	-	-
Selenium, TCLP		mg/l	U	0.5	U	-	-	0.5	U	0.5	U	0.5	U	-	-
Silver, TCLP		mg/l	U	0.1	U	-	-	0.1	U	0.1	U	0.1	U	-	-
Total Metals															
Aluminum, Total		mg/kg		2800		-	-	5100		3700		5000		-	-
Antimony, Total		mg/kg	U	4	U	-	-	0.84	J	0.82	J	5.1		-	-
Arsenic, Total	13	mg/kg		0.47	J	-	-	2.6		1.7		2		-	-
Barium, Total	350	mg/kg		18		-	-	31		26		30		-	-
Beryllium, Total	7.2	mg/kg	J	0.4	U	-	-	0.23	J	0.2	J	0.22	J	-	-
Cadmium, Total	2.5	mg/kg	U	0.8	U	-	-	0.98	U	0.8	U	0.82	U	-	-
Calcium, Total		mg/kg		600		-	-	940		720		610		-	-
Chromium, Total		mg/kg		8.1		-	-	13		13		12		-	-
Cobalt, Total		mg/kg		3.1		-	-	4.6		4.1		4.9		-	-
Copper, Total	50	mg/kg		7.5		-	-	12		8.7		11		-	-
Iron, Total		mg/kg		11000		-	-	18000		12000		14000		-	-
Lead, Total	63	mg/kg		2.6	J	-	-	0.57	J	4	U	4.1	U	-	-
Magnesium, Total		mg/kg		1100		-	-	1500		1200		1500		-	-
Manganese, Total	1600	mg/kg		220		-	-	390		330		280		-	-
Mercury, Total	0.18	mg/kg		0.07	U	-	-	0.03	J	0.07	U	0.07	U	-	-
Nickel, Total	30	mg/kg		5.7		-	-	8.3		8.1		10		-	-
Potassium, Total		mg/kg		500		-	-	720		560		720		-	-
Selenium, Total	3.9	mg/kg	U	1.6	U	-	-	2	U	1.6	U	1.6	U	-	-
Silver, Total	2	mg/kg	U	0.8	U	-	-	0.98	U	0.8	U	0.82	U	-	-
Sodium, Total		mg/kg	J	63	J	-	-	78	J	72	J	74	J	-	-
Thallium, Total		mg/kg	U	1.6	U	-	-	2	U	1.6	U	1.6	U	-	-
Vanadium, Total		mg/kg		16		-	-	21		16		22		-	-
Zinc, Total	109	mg/kg		14		-	-	23		19		24		-	-
Volatile Organics by 8260/5035															
Methylene chloride	0.05	mg/kg	U	15	U	-	-	0.71	U	0.25	U	0.52	U	-	-
1,1-Dichloroethane	0.27	mg/kg	U	4.6	U	-	-	0.21	U	0.075	U	0.15	U	-	-
Chloroform	0.37	mg/kg	U	4.6	U	-	-	0.21	U	0.075	U	0.15	U	-	-
Carbon tetrachloride	0.76	mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
1,2-Dichloropropane		mg/kg	U	11	U	-	-	0.5	U	0.18	U	0.36	U	-	-
Dibromochloromethane		mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
1,1,2-Trichloroethane		mg/kg	U	4.6	U	-	-	0.21	U	0.075	U	0.15	U	-	-
2-Chloroethylvinyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	mg/kg	U	3	U	-	-	0.14	U	0.016	J	0.1	U	-	-
Chlorobenzene	1.1	mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
Trichlorofluoromethane		mg/kg	U	15	U	-	-	0.71	U	0.25	U	0.52	U	-	-
1,2-Dichloroethane	0.02	mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
1,1,1-Trichloroethane	0.68	mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
Bromodichloromethane		mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
trans-1,3-Dichloropropene		mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-
cis-1,3-Dichloropropene		mg/kg	U	3	U	-	-	0.14	U	0.05	U	0.1	U	-	-

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY	25	UD 25-30	UD 25-30	SD 15-20	SD 20-25	SD 25-30	SD 25-30	
SAMPLING DATE	Unrestricted	16	6/6/2016	6/6/2016	6/7/2016	6/7/2016	6/7/2016	6/7/2016	
LAB SAMPLE ID	Use Criteria	3-05	L1617073-06	L1617073-06 R1	L1617280-01	L1617280-02	L1617280-03	L1617280-03 R1	
		Units	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropene, Total		mg/kg	-	-	-	-	-	-	-
1,1-Dichloropropene		mg/kg	U	15	U	0.71	U	0.25	U
Bromoform		mg/kg	U	12	U	0.57	U	0.2	U
1,1,2,2-Tetrachloroethane		mg/kg	U	3	U	0.14	U	0.05	U
Benzene	0.06	mg/kg	U	3	U	0.14	U	0.0074	J
Toluene	0.7	mg/kg	U	4.6	U	0.028	J	0.034	J
Ethylbenzene	1	mg/kg	U	0.91	J	0.14	U	0.54	U
Chloromethane		mg/kg	U	15	U	0.71	U	0.25	U
Bromomethane		mg/kg	U	6.1	U	0.28	U	0.1	U
Vinyl chloride	0.02	mg/kg	U	6.1	U	0.28	U	0.1	U
Chloroethane		mg/kg	U	6.1	U	0.28	U	0.1	U
1,1-Dichloroethene	0.33	mg/kg	U	3	U	0.14	U	0.05	U
trans-1,2-Dichloroethene	0.19	mg/kg	U	4.6	U	0.21	U	0.075	U
Trichloroethene	0.47	mg/kg	U	3	U	0.14	U	0.05	U
1,2-Dichlorobenzene	1.1	mg/kg	U	15	U	0.082	J	0.25	U
1,3-Dichlorobenzene	2.4	mg/kg	U	15	U	0.71	U	0.25	U
1,4-Dichlorobenzene	1.8	mg/kg	U	15	U	0.71	U	0.25	U
Methyl tert butyl ether	0.93	mg/kg	U	6.1	U	0.28	U	0.1	U
p/m-Xylene		mg/kg	U	6.1	U	0.28	U	0.1	U
o-Xylene		mg/kg	U	6.1	U	0.057	J	0.25	U
Xylenes, Total	0.26	mg/kg	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.25	mg/kg	U	3	U	0.14	U	0.05	U
1,2-Dichloroethene, Total		mg/kg	-	-	-	-	-	-	-
Dibromomethane		mg/kg	U	30	U	1.4	U	0.5	U
1,4-Dichlorobutane		mg/kg	-	-	-	-	-	-	-
1,2,3-Trichloropropane		mg/kg	U	30	U	1.4	U	0.5	U
Styrene		mg/kg	U	6.1	U	0.28	U	0.1	U
Dichlorodifluoromethane		mg/kg	U	30	U	1.4	U	0.5	U
Acetone	0.05	mg/kg	J	110	U	5.1	U	1.8	U
Carbon disulfide		mg/kg	U	30	U	1.4	U	0.5	U
2-Butanone	0.12	mg/kg	U	30	U	1.4	U	0.5	U
Vinyl acetate		mg/kg	U	30	U	1.4	U	0.5	U
4-Methyl-2-pentanone		mg/kg	U	30	U	1.4	U	0.5	U
1,2,3-Trichloropropane		mg/kg	-	-	-	-	-	-	-
2-Hexanone		mg/kg	U	30	U	1.4	U	0.5	U
Ethyl methacrylate		mg/kg	-	-	-	-	-	-	-
Bromochloromethane		mg/kg	U	15	U	0.71	U	0.25	U
Tetrahydrofuran		mg/kg	-	-	-	-	-	-	-
2,2-Dichloropropane		mg/kg	U	15	U	0.71	U	0.25	U
1,2-Dibromoethane		mg/kg	U	9.2	U	0.43	U	0.15	U
1,3-Dichloropropane		mg/kg	U	15	U	0.71	U	0.25	U
1,1,1,2-Tetrachloroethane		mg/kg	U	3	U	0.14	U	0.05	U
Bromobenzene		mg/kg	U	15	U	0.71	U	0.25	U
n-Butylbenzene	12	mg/kg	U	13	U	2.4	U	0.91	U
sec-Butylbenzene	11	mg/kg	U	16	U	2.3	U	0.78	U
tert-Butylbenzene	5.9	mg/kg	U	1.2	J	0.21	J	0.25	U
o-Chlorotoluene		mg/kg	U	15	U	0.71	U	0.25	U
p-Chlorotoluene		mg/kg	U	15	U	0.71	U	0.25	U
1,2-Dibromo-3-chloropropane		mg/kg	U	9.2	U	0.43	U	0.15	U
Hexachlorobutadiene		mg/kg	U	15	U	0.71	U	0.25	U
Isopropylbenzene		mg/kg	U	2.3	J	0.33	U	0.34	U
p-Isopropyltoluene		mg/kg	U	14	U	0.14	U	0.05	U
Naphthalene	12	mg/kg	U	14	J	4	U	4.3	U
Acrylonitrile		mg/kg	U	12	U	0.57	U	0.2	U
n-Propylbenzene	3.9	mg/kg	U	3.5	U	0.56	U	0.88	U
1,2,3-Trichlorobenzene		mg/kg	U	15	U	0.71	U	0.25	U
1,2,4-Trichlorobenzene		mg/kg	U	15	U	0.71	U	0.25	U
1,3,5-Trimethylbenzene	8.4	mg/kg	U	15	U	0.71	U	0.25	U
1,2,4-Trimethylbenzene	3.6	mg/kg	U	16	U	0.71	U	0.25	U
1,4-Dioxane	0.1	mg/kg	U	300	U	14	U	5	U
p-Diethylbenzene		mg/kg	U	23	U	2.8	U	0.47	U

Table 5B - Waste Characterization Samples (GZA Results)

Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

LOCATION	NY Unrestricted Use Criteria		25	UD 25-30		UD 25-30		SD 15-20		SD 20-25		SD 25-30		SD 25-30		
SAMPLING DATE			16	6/6/2016		6/6/2016		6/7/2016		6/7/2016		6/7/2016		6/7/2016		
LAB SAMPLE ID			3-05	L1617073-06		L1617073-06 R1		L1617280-01		L1617280-02		L1617280-03		L1617280-03 R1		
		Units	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
p-Ethyltoluene		mg/kg	U	5.3	J	-	-	0.57	U	0.2	U	1.7		-	-	
1,2,4,5-Tetramethylbenzene		mg/kg	U	30		-	-	3.1		1.2		4		-	-	
Ethyl ether		mg/kg	U	15	U	-	-	0.71	U	0.25	U	0.52	U	-	-	
trans-1,4-Dichloro-2-butene		mg/kg	U	15	U	-	-	0.71	U	0.25	U	0.52	U	-	-	
Acrolein		mg/kg	U	76	U	-	-	3.6	U	1.2	U	2.6	U	-	-	
Methyl Acetate		mg/kg	U	12	U	-	-	0.63		0.29		0.43		-	-	
Ethyl Acetate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane		mg/kg	U	61	U	-	-	2.8	U	1	U	2.1	U	-	-	
Tert-Butyl Alcohol		mg/kg	U	300	U	-	-	14	U	5	U	10	U	-	-	
Ethyl-Tert-Butyl-Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tertiary-Amyl Methyl Ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane		mg/kg	U	12	U	-	-	0.036	J	0.3		0.14	J	-	-	
Freon-113		mg/kg	U	61	U	-	-	2.8	U	1	U	2.1	U	-	-	

Table 5B - Waste Characterization Samples (GZA Results)
Former Cascade Laundry
553 Marcy Avenue
Brooklyn, New York

Notes:

- Result Exceeds Criteria
- Qual - Laboratory data qualifier.
- U - The compound was analyzed for but not detected at or above the MDL.
The number immediately preceding the "U" represents the PQL reporting level
- J - The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
- N - The concentration is based on the response for the nearest internal. This flag
is used on the TIC form for all compounds identified.
- S - This compound is a solvent that is used in the laboratory. Laboratory contamination is
suspected if concentration is less than five times the reporting level.
- D - The reported concentration is the result of a diluted analysis.
- (*) See report for comment.

*NY-UNRES: New York Unrestricted use Criteria current as of 5/2007