

APPENDIX VII



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September 15, 2015

Transmitted via Email only marcel@joycon1st.com

Joy Construction Corp.
40 Fulton Street, 21st Floor
New York, NY 10038
ATTN: Mr. Marcel Mercado /-

RE: Disposal Sampling and Waste Classification Report
1939 West Farms Road, Bronx
Brinkerhoff Project No. 15BR031A

Dear Mr. Mercado:

On September 4, 2015, a Geologist from Brinkerhoff Environmental Services, Inc. (Brinkerhoff) collected five (5) waste characterization soil samples from test pits excavated at the above-referenced site. The location of the test pits are shown on the attached Figure.

Three (3) composite samples were collected from the urban historic fill present throughout the site and one (1) composite sample was collected from the native soil beneath the historic fill layer. One (1) composite of the three (3) historic fill samples was collected and analyzed for RCRA characteristics and paint filter only. A Waste Characterization Sample Collection Summary is attached. Soil Boring Logs are also provided as an attachment to this report.

Samples were analyzed by a New York Department of Health certified laboratory. Samples were analyzed for target analyte list/target compound list (TAL/TCL), extractable petroleum hydrocarbons and TCLP metals along with the RCRA characteristics and paint filter.

High poly nuclear aromatic hydrocarbons (PAHs) were reported in all three (3) historic fill samples. Individual PAHs exceeded 60 parts per million (ppm) at some sample locations. PAHs were below regulatory levels in the native soil sample (WC-4). Based on the test pit data, the majority of the material that will require excavation would be considered urban historic fill. The laboratory data is summarized on the attached table and the laboratory data package is provided as an attachment to this report.

Disposal Sampling and Waste Classification Report
1939 West Farms Road, Bronx
September 15, 2015
Page 2 of 2

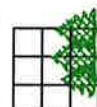
If you have any questions, please don't hesitate to contact our office at 732-223-2225.

Respectfully submitted,

BRINKERHOFF ENVIRONMENTAL SERVICES, INC.



DOUG HARM, P.G.
Vice President
attachments (5)



BRINKERHOFF
ENVIRONMENTAL SERVICES, INC.

FIGURE

WASTE CLASS TEST PIT LOCATION MAP
1939 WEST FARMS ROAD
BRONX, NEW YORK

DATE: 9/15/15

JOB NO.: 15BR031A

SCALE: 1" = 60'

LEGEND

● - TEST PIT LOCATION
TP-1

0' 30' 60'
SCALE: 1"=60'

Waste Characterization Sample Collection Summary
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No: 15BR031A

Sample Name	Date	Time	Sample Type	Depth Interval (ft bgs)	Lithology	Test Pit Locations	Analysis
WC-1	9/4/2015	09:20	Composite	0.0-13.0	FILL	TP-1	TAL/TCL+30, EPH, TCLP Metals
WC-2	9/4/2015	09:50	Composite	0.0-7.0	FILL	TP-2	TAL/TCL+30, EPH, TCLP Metals
WC-3	9/4/2015	10:25	Composite	0.0-13.0	FILL	TP-3	TAL/TCL+30, EPH, TCLP Metals
WC-4	9/4/2015	10:00	Composite	7.0-12.0	NATIVE	TP-2	TAL/TCL+30, EPH, TCLP Metals
WC-5	9/4/2015	10:35	Composite	0.0-13.0	FILL	TP-1, TP-2, TP-3	RCRA Characteristics, Paint Filter

Notes:

- 1) ft bgs = feet below grade surface
- 2) Composite samples were collected by homogenizing soil from five (5) discrete locations within
- 3) Encore grab samplers used for VOC analysis were collected from one (1) discrete location

Table ???
Waste Class Sampling Analytical Data - September 4, 2015
1939 West Farms Road, Bronx, New York

Work Order 1501579															
Lab: Accredited Analytical Resources LLC															
Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road															
CAS#	Compound	IPTGW	NJ	RDCSRS	NJ	RDCSRS	Result	Q	Result	Q	Result	Q	Result	Q	
EPA Method SW846 8081/8082 (mg/kg)															
72-54-8	4,4'-DDD	4	13	3			0.00961		0.00151	U		0.00153	U		
72-55-9	4,4'-DDE	18	9	2			0.0198		0.00151	U		0.0331		0.00162	U
50-29-3	4,4'-DDT	11	8	2			0.0618		0.00965			0.0563		0.00162	U
309-00-2	Aldrin	0.2	0.2	0.04			0.000776	U	0.000749	U		0.000757	U	0.000805	U
319-84-6	alpha-BHC	0.002	0.5	0.1			0.000776	U	0.000749	U		0.000757	U	0.000805	U
5103-71-9	alpha-Chlordane	0.025	0.5	0.1			0.000776	U	0.000749	U		0.000757	U	0.000805	U
12674-11-2	Aroclor-1016	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
11104-28-2	Aroclor-1221	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
11141-16-5	Aroclor-1232	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
53469-21-9	Aroclor-1242	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
12672-29-6	Aroclor-1248	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
11097-69-1	Aroclor-1254	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
11096-82-5	Aroclor-1260	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
37324-23-5	Aroclor-1262	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
11100-14-4	Aroclor-1268	0.2	1	0.2			0.0195	U	0.0188	U		0.0190	U	0.0202	U
319-85-7	beta-BHC	0.002	2	0.4			0.000776	U	0.000749	U		0.000757	U	0.000805	U
319-86-8	delta-BHC	NA	NA	NA			0.000776	U	0.000749	U		0.000757	U	0.000805	U
60-57-1	Dieldrin	0.003	0.2	0.04			0.00156	U	0.00151	U		0.00153	U	0.00162	U
959-98-8	Endosulfan I	2	6800	235			0.000776	U	0.000749	U		0.000757	U	0.000805	U
33213-65-9	Endosulfan II	2	6800	235			0.00156	U	0.00151	U		0.00153	U	0.00162	U
1031-07-8	Endosulfan sulfate	2	6800	470			0.00156	U	0.00151	U		0.0461		0.00162	U
72-20-8	Endrin	1	340	23			0.00156	U	0.00151	U		0.00153	U	0.00162	U
7421-93-4	Endrin aldehyde	NA	NA	NA			0.00156	U	0.00151	U		0.00153	U	0.00162	U
53494-70-5	Endrin ketone	NA	NA	NA			0.00156	U	0.00151	U		0.00153	U	0.00162	U
58-89-9	gamma-BHC [Lindane]	0.002	2	0.4			0.000776	U	0.000749	U		0.000757	U	0.000805	U
5566-34-7	gamma-Chlordane	0.025	0.5	0.1			0.000776	U	0.000749	U		0.000757	U	0.000805	U
76-44-8	Heptachlor	0.5	0.7	0.1			0.000776	U	0.000749	U		0.000757	U	0.000805	U
1024-57-3	Heptachlor Epoxide	0.01	0.3	0.07			0.000776	U	0.000749	U		0.000757	U	0.000805	U
72-43-5	Methoxychlor	160	5700	390			0.00784	U	0.00756	U		0.00764	U	0.00812	U
8001-35-2	Toxaphene	0.3	3	0.6			0.0392	U	0.0378	U		0.0382	U	0.0406	U
Extractable Petroleum Hydrocarbons by NJ EPH (mg/kg)															
Extractable Petroleum Hydrocarbons (mg/kg)															
Semi-volatile Organic Compounds EPA Method SW846 8270															
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73			0.0392	U	0.0378	U		0.0382	U	1.91	U
95-50-1	1,2-Dichlorobenzene	17	59000	5300			0.0392	U	0.0378	U		0.0382	U	1.91	U
541-73-1	1,3-Dichlorobenzene	19	59000	5300			0.0392	U	0.0378	U		0.0382	U	1.91	U
106-46-7	1,4-Dichlorobenzene	2	13	5			0.0392	U	0.0378	U		0.0382	U	1.91	U
95-95-4	2,4,5-Trichlorophenol	68	68000	6100			0.0392	U	0.0378	U		0.0382	U	1.91	U
88-06-2	2,4,6-Trichlorophenol	0.2	74	19			0.0392	U	0.0378	U		0.0382	U	1.91	U
120-83-2	2,4-Dichlorophenol	0.2	2100	180			0.0392	U	0.0378	U		0.0382	U	1.91	U
105-67-9	2,4-Dimethylphenol	1	14000	1200			0.0392	U	0.0598	J		0.153	J	0.0406	U

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1939 West Farms Road, Bronx, New York

Work Order 1501579					
Lab: Accredited Analytical Resources LLC					
Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road					
CAS#	Compound	IPTCW	NJ NRDCSRS	RDCSRS	NJ
51-28-5	2,4-Dinitrophenol	0.3	1400	120	
121-14-2	2,4-Dinitrotoluene	0.1	3	0.7	
606-20-2	2,6-Dinitrotoluene	0.1	3	0.7	
91-58-7	2-Chloronaphthalene	NA	NA	NA	
95-57-8	2-Chlorophenol	0.8	2200	310	
91-57-6	2-Methylnaphtylene	8	2400	230	
95-48-7	2-Methylphenol	NA	3400	310	
88-74-4	2-Nitroaniline	NA	23000	39	
88-75-5	2-Nitrophenol	NA	NA	NA	
106-44-5	3 & 4-Methylphenol	NA	340	31	
91-94-1	3,3'-Dichlorobenzidine	0.2	4	1	
99-09-2	3-Nitroaniline	NA	NA	NA	
534-52-1	4,6-Dinitro-2-methylphenol	0.3	68	6	
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	
106-47-8	4-Chloroaniline	NA	NA	NA	
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	
100-01-6	4-Nitroaniline	NA	NA	NA	
100-02-7	4-Nitrophenol	NA	NA	NA	
83-32-9	Acenaphthene	110	37000	3400	
208-96-8	Acenaphthylene	NA	300000	NA	
120-12-7	Anthracene	2400	30000	17000	
56-55-3	Benzo[a]anthracene	0.8	2	0.6	
50-32-8	Benzofluorene	0.2	0.2	0.2	
205-99-2	Benzofluoranthene	2	2	0.6	
191-24-2	Benzoghioperylene	NA	30000	380000	
207-08-9	Benzok[fluoranthene	25	23	6	
65-85-0	Benzoic acid	NA	NA	NA	
100-51-6	Benzyl alcohol	NA	NA	NA	
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	
111-44-4	bis(2-chloroethyl)ether	0.2	2	0.4	
39638-32-9	bis(2-chloroisopropyl)ether	5	67	23	
117-81-7	bis(2-ethylhexyl)phthalate	1200	140	35	
85-68-7	Butylbenzylphthalate	230	14000	1200	
218-01-9	Chrysene	80	230	62	
84-74-2	Di-n-butyl phthalate	760	68000	6100	
117-84-0	Di-n-octyl phthalate	3300	27000	2400	
53-70-3	Dibenzof(a,h)anthracene	0.8	0.2	0.2	
132-64-9	Dibenzofuran	NA	NA	NA	
84-66-2	Diethyl phthalate	88	550000	49000	
131-11-3	Dimethylphthalate	NA	NA	NA	
206-44-0	Fluoranthene	1300	24000	2300	

Table ???

Waste Class Sampling Analytical Data - September 4, 2015
1939 West Farms Road, Bronx, New York

Work Order 1501579		Lab: Accredited Analytical Resources LLC		Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road		1501579-01		1501579-01RE1		1501579-02		1501579-02RE1		1501579-03		1501579-03RE1		1501579-04		1501579-05	
CAS#	Compound	NRDCSRS	NJ	RDCSRS	NJ	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
86-73-7	Fluorene	170	24000	2300	1.80	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
118-74-1	Hexachlorobenzene	0.2	1	0.3	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
87-68-3	Hexachlorobutadiene	0.9	25	6	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
77-47-4	Hexachlorocyclopentadiene	320	110	45	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
67-72-1	Hexachloroethane	0.2	140	35	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
193-39-5	Indeno(1,2,3-cd)pyrene	7	2	0.6	1.19	6.07 E	10.8 D	13.3 E	23.3 D	13.3 E	10.8 D	13.3 E	23.3 D	13.3 E	10.8 D	13.3 E	23.3 D	13.3 E	10.8 D	13.3 E	23.3 D
78-59-1	Isophorone	0.2	2000	510	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
621-64-7	N-Nitroso-di-n-propylamine	0.2	0.3	0.2	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
62-75-9	N-Nitrosodimethylamine	0.7	0.7	0.7	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
86-30-6	N-Nitrosodiphenylamine	0.4	390	99	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
91-20-3	Naphthalene	25	17	6	1.64	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
98-95-3	Nitrobenzene	0.2	340	31	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
87-86-5	Pentachlorophenol	0.3	10	3	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
85-01-8	Phenanthrene	NA	300000	NA	10.7 E	13.8 D	39.8 E	49.0 D	90.9 E	119 D	119 D	90.9 E	49.0 D	119 D	119 D	90.9 E	49.0 D	119 D	119 D	90.9 E	49.0 D
108-95-2	Phenol	8	210000	18000	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U	0.0392 U
129-00-0	Pyrene	840	18000	1700	9.86 E	11.9 D	66.9 E	50.7 D	120 E	113 D	120 E	50.7 D	113 D	120 E	113 D	50.7 D	113 D	120 E	113 D	50.7 D	113 D
	TIC Summary	NA	NA	NA	0.352	1.07															
Total Mercury by SW846 7470 (mg/L)																					
7439-97-6	TCPLP Mercury	NA	NA	NA	0.00500 U	0.00500 U				0.00500 U				0.00500 U				0.00500 U			
Total Mercury by SW846 6010 (mg/L)																					
7440-38-2	TCPLP Arsenic	NA	NA	NA	0.250 U	0.250 U				0.250 U				0.250 U				0.250 U			
7440-39-3	TCPLP Barium	NA	NA	NA	0.500 U	0.500 U				0.500 U				0.500 U				0.500 U			
7440-43-9	TCPLP Cadmium	NA	NA	NA	0.0250 U	0.0250 U				0.0250 U				0.0250 U				0.0250 U			
7440-47-3	TCPLP Chromium	NA	NA	NA	0.100 U	0.100 U				0.100 U				0.100 U				0.100 U			
7439-92-1	TCPLP Lead	NA	NA	NA	0.250 U	0.250 U				0.250 U				0.250 U				0.250 U			
7782-49-2	TCPLP Selenium	NA	NA	NA	0.250 U	0.250 U				0.250 U				0.250 U				0.250 U			
7440-22-4	TCPLP Silver	NA	NA	NA	0.0250 U	0.0250 U				0.0250 U				0.0250 U				0.0250 U			
Total Mercury by SW846 7471 (mg/kg)																					
7439-97-6	Mercury	0.1	65	23	0.964	0.253				0.253				0.253				0.253			
Total Metals by EPA Method SW846 6010 (mg/kg)																					
7429-90-5	Aluminum	6000	NA	78000	6960	4.71 U				14800				6810				18500			
7440-36-0	Antimony	6	450	31	6.06	19				5.71				7.41				4.29			
7440-38-2	Arsenic	19	19	19	197	16000				150				96.7				51.8			
7440-39-3	Barium	2100	59000	16000	0.588 U	0.588 U				0.568 U				0.573 U				0.610 U			
7440-41-7	Beryllium	0.7	140	16	0.631	0.964				24100				1.48				1.10			
7440-43-9	Cadmium	2	78	78	70200 D	70200 D				215				15.9				1950			
7440-70-2	Calcium	NA	NA	NA	11.6	11.6				7.22				5.99				24.4			
7440-47-3	Chromium	90	590	1600	5.88 U	5.88 U				63.8				84.6				13.0			
7440-48-4	Cobalt	11000	45000	3100	17.3	17.3				17800				15700				28500			
7440-50-8	Copper	NA	NA	NA	10400	10400				93.9				190				9.47			
7439-89-6	Iron	90	800	400	83.1	83.1															
7439-92-1	Lead	90	800	400	83.1	83.1															

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Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road																
CAS#	Compound	IPTGW	NJ	NRDCSRS	NJ	RDCSRS	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
7439-95-4	Magnesium	NA	NA	NA	NA	NA	4930		09/04/15		09/04/15		09/04/15		09/04/15	
7439-96-5	Manganese	65	5900	11000	11000	11000	177								3560	
7440-02-0	Nickel	48	23000	1600	1600	1600	6.98								609	
9/7/7440	Potassium	NA	NA	NA	NA	NA	1040								14.1	
7782-49-2	Selenium	11	5700	390	390	390	4.71 U		09/04/15		09/04/15		09/04/15		1090	
7440-22-4	Silver	1	5700	390	390	390	0.588 U								4.88 U	
7440-23-5	Sodium	NA	NA	NA	NA	NA	670								0.610 U	
7440-28-0	Thallium	3	79	5	79	5	1.76 U								265	
7440-62-2	Vanadium	NA	1100	78	1100	78	31.0								1.83 U	
7440-66-6	Zinc	930	110000	23000	110000	23000	338								44.0	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)																
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
1,1,1,1-Trichloroethane	0.3	4200	290	290	4200	290	0.00162 U								0.00176 U	
79-34-5	1,1,2,2-Tetrachloroethane	0.007	3	1	3	1	0.00162 U								0.00116 U	
79-00-5	1,1,2-Trichloroethane	0.02	6	2	6	2	0.00162 U								0.00116 U	
75-34-3	1,1,1-Dichloroethane	0.2	24	8	24	8	0.00162 U								0.00176 U	
75-35-4	1,1-Dichloroethene	0.008	150	11	150	11	0.00162 U								0.00176 U	
563-58-6	1,1,1-Dichloropropene	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73	820	73	0.00162 U								0.00116 U	
95-63-6	1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
96-12-8	1,2-Dibromo-3-chloropropane	0.005	0.2	0.08	0.2	0.08	0.00162 U								0.00116 U	
106-93-4	1,2-Dibromoethane	0.005	0.04	0.008	0.04	0.008	0.00162 U								0.00116 U	
95-50-1	1,2-Dichlorobenzene	17	59000	5300	59000	5300	0.00162 U								0.00116 U	
107-06-2	1,2-Dichloroethane	0.005	3	0.9	3	0.9	0.00162 U								0.00176 U	
78-87-5	1,2-Dichloropropane	0.005	5	2	5	2	0.00162 U								0.00116 U	
108-67-8	1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
541-73-1	1,3-Dichlorobenzene	19	59000	5300	59000	5300	0.00162 U								0.00116 U	
142-28-9	1,3-Dichloropropane	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
106-46-7	1,4-Dichlorobenzene	2	13	5	13	5	0.00162 U								0.00176 U	
590-20-7	2,2-Dichloropropane	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
78-93-3	2-Butanone	0.9	44000	3100	44000	3100	0.00162 U								0.00116 U	
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
95-49-8	2-Chlorotoluene	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
591-78-6	2-Hexanone	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
106-43-4	4-Chlorotoluene	NA	NA	NA	NA	NA	0.00162 U								0.00116 U	
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	NA	NA	0.00162 U								0.00176 U	
67-64-1	Acetone	19	NA	70000	NA	70000	0.00367								0.00203 J	
107-02-8	Acrolein	0.5	1	0.5	1	0.5	0.00975 U								0.0106 U	
107-13-1	Acrylonitrile	0.5	3	0.9	3	0.9	0.00325 U								0.00698 U	
71-43-2	Benzene	0.005	5	2	5	2	0.00162 U								0.00233 U	
															0.00176 U	

Table ???
Waste Class Sampling Analytical Data - September 4, 2015
1939 West Farms Road, Bronx, New York

Work Order 1501579																			
Lab: Accredited Analytical Resources LLC																			
Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road																			
CAS#	Compound	IPTGW	NJ NRDCSRS	NJ RDCSRS	Result 1501579-01 WC-1	Q	Result 1501579-01RE1 WC-1	Q	Result 1501579-02 WC-2	Q	Result 1501579-02RE1 WC-2	Q	Result 1501579-03 WC-3	Q	Result 1501579-03RE1 WC-3	Q	Result 1501579-04 WC-4	Q	Result 1501579-05 WC-5
108-86-1	Bromobenzene	N/A	N/A	N/A	0.00162 U				09/04/15		09/04/15		09/04/15		09/04/15		09/04/15		09/04/15
74-97-5	Bromochloromethane	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-27-4	Bromodichloromethane	0.005	3	1	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-25-2	Bromoform	0.03	280	81	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
74-83-9	Bromomethane	0.04	59	25	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-15-0	Carbon disulfide	6	110000	7800	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
56-23-5	Carbon Tetrachloride	0.005	2	0.6	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
108-90-7	Chlorobenzene	0.6	7400	510	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-00-3	Chloroethane	N/A	1100	220	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
67-66-3	Chloroform	0.4	2	0.6	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
74-87-3	Chloromethane	N/A	12	4	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
156-59-4	cis-1,2-Dichloroethene	0.3	560	230	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
10061-01-5	cis-1,3-Dichloropropene	0.0025	3.5	1	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
124-48-1	Dibromochloromethane	0.005	8	3	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
74-95-3	Dibromomethane	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-71-8	Dichlorodifluoromethane	39	230000	490	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
100-41-4	Ethylbenzene	13	110000	7800	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
87-68-3	Hexachlorobutadiene	0.9	25	6	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
98-82-8	Isopropylbenzene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
108-38-3/106-42-3	m,p-Xylenes	9.5	85000	6000	0.00325 U				0.00229 U				0.00353 U		0.00233 U		0.00233 U		
75-09-2	Methylene Chloride	0.01	97	34	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
104-51-8	n-Butyl Benzene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
103-65-1	n-Propyl Benzene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
91-20-3	Naphthalene	25	17	6	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
95-47-6	o-Xylene	9.5	85000	6000	0.00325 U				0.00229 U				0.00353 U		0.00233 U		0.00233 U		
99-87-6	p-Isopropyltoluene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
135-98-8	sec-Butylbenzene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
100-42-5	Styrene	3	260	90	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
98-06-6	tert-Butylbenzene	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
127-18-4	Tetrachloroethene	0.005	5	2	0.00162 U				0.00163 J				0.00176 U		0.00116 U		0.00116 U		
108-88-3	Toluene	7	91000	6300	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
156-60-5	trans-1,2-Dichloroethene	0.6	720	300	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
10061-02-6	trans-1,3-Dichloropropene	0.0025	3.5	1	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
79-01-6	Trichloroethene	0.01	20	7	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-69-4	Trichlorofluoromethane	34	340000	23000	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
108-05-4	Vinyl acetate	N/A	N/A	N/A	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
75-01-4	Vinyl chloride	0.005	2	0.7	0.00162 U				0.00115 U				0.00176 U		0.00116 U		0.00116 U		
	TIC Summary				0				0.01707				0		0		0		
Wet Chemistry (%)																			
Percent Solids																			
Wet Chemistry (IblankI)																			
Free Liquid																			
NFI																			

Table ???
Waste Class Sampling Analytical Data - September 4, 2015
1939 West Farms Road, Bronx, New York

Work Order 1501579											
Lab: Accredited Analytical Resources LLC											
Client: JOY CONSTRUCTION CORP. - 1939 West Farms Road											
CAS#	Compound	NJ NRDCSRS	NJ RDCSRS	Result 1501579-01 WC-1	Q 1501579-01RE1 WC-1	Result 1501579-02 WC-2	Q 1501579-02 WC-2	Result 1501579-03RE1 WC-2	Q 1501579-03 WC-3	Result 1501579-04 WC-4	Q 1501579-05 WC-5
Wet Chemistry (°F)											
				09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15	09/04/15
Wet Chemistry (mg/kg)											
	Flashpoint	NA	NA								>200
	Cyanide (reactive)	NA	NA								0.237 U
	Cyanide (total)	20	23000	1.18 U		1.14 U				1.22 U	
	Sulfide (reactive)	NA	NA								23.7 U
Wet Chemistry (pH Units)											
	pH	NA	NA								7.72

IPTGW = Impact to Ground Water Soil Screening Level (Table 1) Nov. 2013
 NJNRDCRS = NJ Non-Residential Direct Contact Soil Remediation Standards (Table 1B)(May 2012)
 NJRDCRS = NJ Residential Direct Contact Soil Remediation Standards (Table 1A)(May 2012)
 Q = Qualifier

Qualifiers:

- E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
D - Indicates result is based on a dilution
H - Alternate peak selection upon analytical review
J - Indicates estimated value for TICs and all results when detected below the RL
U - Indicates compound analyzed for but not detected
- Exceeds RDCSRS
Exceeds ICWSSL
- 0.9

Facility # Name/ location type of waste	Bayshore Soil Management, LLC, Keasbey, New Jersey (Non-Hazardous Petroleum Contaminated Soil/Urban Fill)									
Today (trucks, cu.yds.)	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. Or Gallons
Totals (trucks, cu.yds.)	414	10,350								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										



**Additional Waste Characterization
Sample Results Summary Table
February 26, 2016 (WC-6, WC-7 and WC-8)
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No. 15BR031A**

Work Order 1600325							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC							1600325-01		1600325-01RE1		1600325-02		1600325-02RE1		1600325-03	
Client: JOY CONSTRUCTION CORP. - West Farms Road - 15BR031A							WC-6		WC-6		WC-7		WC-7		WC-8	
CAS#	Compound	IPTGW	NJNRDCSRS	NJRDCSRS	02/26/16		02/26/16		02/26/16		02/26/16		02/26/16		02/26/16	
EPA Method SW846 8081/8082 (mg/kg)																
72-54-8	4,4'-DDD	4	13	3	0.00162	U			0.00155	U			0.00146	U		
72-55-9	4,4'-DDE	18	9	2	0.00162	U			0.00155	U			0.00146	U		
50-29-3	4,4'-DDT	11	8	2	0.0495				0.00605	P			0.00296	P		
309-00-2	Aldrin	0.2	0.2	0.04	0.000803	U			0.000767	U			0.000724	U		
319-84-6	alpha-BHC	0.002	0.5	0.1	0.000803	U			0.000767	U			0.000724	U		
5103-71-9	alpha-Chlordane	0.025	0.5	0.1	0.000803	U			0.000767	U			0.000724	U		
12674-11-2	Aroclor-1016	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
11104-28-2	Aroclor-1221	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
11141-16-5	Aroclor-1232	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
53469-21-9	Aroclor-1242	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
12672-29-6	Aroclor-1248	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
11097-69-1	Aroclor-1254	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
11096-82-5	Aroclor-1260	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
37324-23-5	Aroclor-1262	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
11100-14-4	Aroclor-1268	0.2	1	0.2	0.0202	U			0.0193	U			0.0182	U		
319-85-7	beta-BHC	0.002	2	0.4	0.000803	U			0.000767	U			0.000724	U		
319-86-8	delta-BHC	NA	NA	NA	0.000803	U			0.000767	U			0.000724	U		
60-57-1	Dieldrin	0.003	0.2	0.04	0.00162	U			0.00155	U			0.00146	U		
959-98-8	Endosulfan I	2	6800	235	0.000803	U			0.000767	U			0.000724	U		
33213-65-9	Endosulfan II	2	6800	235	0.00162	U			0.00155	U			0.00146	U		
1031-07-8	Endosulfan sulfate	2	6800	470	0.00162	U			0.00155	U			0.00146	U		
72-20-8	Endrin	1	340	23	0.00162	U			0.00155	U			0.00146	U		
7421-93-4	Endrin aldehyde	NA	NA	NA	0.00162	U			0.00155	U			0.00146	U		
53494-70-5	Endrin ketone	NA	NA	NA	0.00641	P			0.00155	U			0.00223			
58-89-9	gamma-BHC [Lindane]	0.002	2	0.4	0.000803	U			0.000767	U			0.000724	U		
5566-34-7	gamma-Chlordane	0.025	0.5	0.1	0.000803	U			0.000767	U			0.000724	U		
76-44-8	Heptachlor	0.5	0.7	0.1	0.000803	U			0.000767	U			0.000724	U		
1024-57-3	Heptachlor Epoxide	0.01	0.3	0.07	0.000803	U			0.000767	U			0.000724	U		
72-43-5	Methoxychlor	160	5700	390	0.00243	U			0.00233	U			0.00220	U		
8001-35-2	Toxaphene	0.3	3	0.6	0.0405	U			0.0387	U			0.0366	U		
Semivolatile Organic Compounds EPA Method SW846 8270 (mg/kg)																
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
95-50-1	1,2-Dichlorobenzene	17	59000	5300	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
541-73-1	1,3-Dichlorobenzene	19	59000	5300	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
106-46-7	1,4-Dichlorobenzene	2	13	5	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
95-95-4	2,4,5-Trichlorophenol	68	68000	6100	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
88-06-2	2,4,6-Trichlorophenol	0.2	74	19	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
120-83-2	2,4-Dichlorophenol	0.2	2100	180	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
105-67-9	2,4-Dimethylphenol	1	14000	1200	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
51-28-5	2,4-Dinitrophenol	0.3	1400	120	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
121-14-2	2,4-Dinitrotoluene	0.1	3	0.7	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		
606-20-2	2,6-Dinitrotoluene	0.1	3	0.7	0.0405	U	0.203	U	0.0387	U	0.194	U	0.0366	U		

**Additional Waste Characterization
Sample Results Summary Table
February 26, 2016 (WC-6, WC-7 and WC-8)
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No. 15BR031A**

Work Order 1600325								Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC								1600325-01		1600325-01RE1		1600325-02		1600325-02RE1		1600325-03	
Client: JOY CONSTRUCTION CORP. - West Farms Road - 15BR031A								WC-6		WC-6		WC-7		WC-7		WC-8	
CAS#	Compound	IPTGW	NJNRDCSRS	NJNRDCSRS	02/26/16			02/26/16		02/26/16		02/26/16		02/26/16		02/26/16	
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
95-57-8	2-Chlorophenol	0.8	2200	310	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
91-57-6	2-Methylnaphthylene	8	2400	230	0.189	J		0.203	U	0.231		0.225	JD	0.0366	U		
95-48-7	2-Methylphenol	NA	3400	310	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
88-74-4	2-Nitroaniline	NA	23000	39	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
88-75-5	2-Nitrophenol	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
106-44-5	3 & 4-Methylphenol	NA	340	31	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
91-94-1	3,3'-Dichlorobenzidine	0.2	4	1	0.101	U		0.505	U	0.0965	U	0.483	U	0.0911	U		
99-09-2	3-Nitroaniline	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
534-52-1	4,6-Dinitro-2-methylphenol	0.3	68	6	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
101-55-3	4-Bromophenyl-phenylether	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
106-47-8	4-Chloroaniline	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
7005-72-3	4-Chlorophenyl-phenylether	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
100-01-6	4-Nitroaniline	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
100-02-7	4-Nitrophenol	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
83-32-9	Acenaphthene	110	37000	3400	0.885			0.768	JD	1.06		0.996	D	0.0915	J		
208-96-8	Acenaphthylene	NA	300000	NA	0.0991	J		0.203	U	0.275		0.286	JD	0.0366	U		
120-12-7	Anthracene	2400	30000	17000	2.00			1.52	D	2.52		2.19	D	0.214			
56-55-3	Benzo[a]anthracene	0.8	2	0.6	3.85			3.50	D	4.83	E	4.92	D	0.448			
50-32-8	Benzo[a]pyrene	0.2	0.2	0.2	3.53			3.03	D	4.77	E	4.43	D	0.370			
205-99-2	Benzo[b]fluoranthene	2	2	0.6	4.63			3.95	D	6.60	E	5.86	D	0.411			
191-24-2	Benzo[ghi]perylene	NA	30000	380000	0.674			0.614	JD	0.772		0.939	JD	0.151	J		
207-08-9	Benzo[k]fluoranthene	25	23	6	3.10			3.70	D	3.96		5.49	D	0.314			
65-85-0	Benzoic acid	NA	NA	NA	0.101	U		0.505	U	0.0965	U	0.483	U	0.0911	U		
100-51-6	Benzyl alcohol	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
111-44-4	bis(2-chloroethyl)ether	0.2	2	0.4	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
39638-32-9	bis(2-chloroisopropyl)ether	5	67	23	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
117-81-7	bis(2-ethylhexyl)phthalate	1200	140	35	0.291			0.316	JD	0.0445	J	0.194	U	0.0515	J		
85-68-7	Butylbenzylphthalate	230	14000	1200	0.237			0.292	JD	0.0387	U	0.194	U	0.0366	U		
218-01-9	Chrysene	80	230	62	4.11			3.48	D	5.42	E	5.04	D	0.462			
84-74-2	Di-n-butyl phthalate	760	68000	6100	0.0483	J		0.203	U	0.0387	U	0.194	U	0.0366	U		
117-84-0	Di-n-octyl phthalate	3300	27000	2400	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
53-70-3	Dibenzo(a,h)anthracene	0.8	0.2	0.2	0.437			0.268	JD	0.506		0.569	JD	0.0729	J		
132-64-9	Dibenzofuran	NA	NA	NA	0.503			0.439	JD	0.614		0.577	JD	0.0627	J		
84-66-2	Diethyl phthalate	88	550000	49000	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
131-11-3	Dimethylphthalate	NA	NA	NA	0.0405	U		0.203	U	0.0387	U	0.194	U	0.0366	U		
206-44-0	Fluoranthene	1300	24000	2300	9.92	E		7.49	D	12.6	E	11.2	D	1.06			
86-73-7	Fluorene	170	24000	2300	0.758			0.667	JD	1.02		0.990	D	0.101	J		

**Additional Waste Characterization
Sample Results Summary Table
February 26, 2016 (WC-6, WC-7 and WC-8)
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No. 15BR031A**

Work Order 1600325				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC				1600325-01		1600325-01RE1		1600325-02		1600325-02RE1		1600325-03	
Client: JOY CONSTRUCTION CORP. - West Farms Road - 15BR031A				WC-6		WC-6		WC-7		WC-7		WC-8	
CAS#	Compound	IPTGW	NJNRDCSRS	NJNRDCSRS	02/26/16	02/26/16		02/26/16		02/26/16		02/26/16	
118-74-1	Hexachlorobenzene	0.2	1	0.3	0.0405	U		0.203	U	0.0387	U	0.194	U
87-68-3	Hexachlorobutadiene	0.9	25	6	0.0405	U		0.203	U	0.0387	U	0.194	U
77-47-4	Hexachlorocyclopentadiene	320	110	45	0.0405	U		0.203	U	0.0387	U	0.194	U
67-72-1	Hexachloroethane	0.2	140	35	0.0405	U		0.203	U	0.0387	U	0.194	U
193-39-5	Indeno(1,2,3-cd)pyrene	7	2	0.6	0.818			0.728	JD	0.991		1.04	D
78-59-1	Isophorone	0.2	2000	510	0.0405	U		0.203	U	0.0387	U	0.194	U
621-64-7	N-Nitroso-di-n-propylamine	0.2	0.3	0.2	0.0405	U		0.203	U	0.0387	U	0.194	U
62-75-9	N-Nitrosodimethylamine	0.7	0.7	0.7	0.0405	U		0.203	U	0.0387	U	0.194	U
86-30-6	N-Nitrosodiphenylamine	0.4	390	99	0.0405	U		0.203	U	0.0387	U	0.194	U
91-20-3	Naphthalene	25	17	6	0.409			0.357	JD	0.568		0.554	JD
98-95-3	Nitrobenzene	0.2	340	31	0.0405	U		0.203	U	0.0387	U	0.194	U
87-86-5	Pentachlorophenol	0.3	10	3	0.0405	U		0.203	U	0.0387	U	0.194	U
85-01-8	Phenanthrene	NA	300000	NA	7.90	E		6.41	D	9.65	E	8.90	D
108-95-2	Phenol	8	210000	18000	0.0405	U		0.203	U	0.0387	U	0.194	U
129-00-0	Pyrene	840	18000	1700	8.08	E		8.80	D	10.1	E	12.2	D
Total Mercury by SW846 7471 (mg/kg)													
7439-97-6	Mercury	0.1	65	23	2.78					0.0872	U		0.175
Total Metals by EPA Method SW846 6010 (mg/kg)													
7429-90-5	Aluminum	6000	NA	78000	6380					9540			7510
7440-36-0	Antimony	6	450	31	3.99	U				4.01	U		3.52
7440-38-2	Arsenic	19	19	19	6.14					1.92			2.56
7440-39-3	Barium	2100	59000	16000	55.5					169			75.5
7440-41-7	Beryllium	0.7	140	16	0.499	U				0.501	U		0.440
7440-43-9	Cadmium	2	78	78	2.47					0.501	U		0.440
7440-70-2	Calcium	NA	NA	NA	71200	D				2450			8290
7440-47-3	Chromium	NA	NA	NA	14.5					15.1			21.7
7440-48-4	Cobalt	90	590	1600	6.80					7.89			7.99
7440-50-8	Copper	11000	45000	3100	46.2					21.4			32.9
7439-89-6	Iron	NA	NA	NA	18700					14200			13800
7439-92-1	Lead	90	800	400	186					28.2			22.3
7439-95-4	Magnesium	NA	NA	NA	3700					2750			4090
7439-96-5	Manganese	65	5900	11000	210					270			226
7440-02-0	Nickel	48	23000	1600	11.7					13.0			16.9
7440-09-7	Potassium	NA	NA	NA	2310					3030			2380
7782-49-2	Selenium	11	5700	390	3.99	U				4.01	U		3.52
7440-22-4	Silver	1	5700	390	0.499	U				0.501	U		0.440
7440-23-5	Sodium	NA	NA	NA	260					100			165
7440-28-0	Thallium	3	79	5	1.50	U				1.50	U		1.32
7440-62-2	Vanadium	NA	1100	78	21.4					25.4			28.7
7440-66-6	Zinc	930	110000	23000	2240	D				75.5			52.9

**Additional Waste Characterization
Sample Results Summary Table
February 26, 2016 (WC-6, WC-7 and WC-8)
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No. 15BR031A**

Work Order 1600325					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC					1600325-01		1600325-01RE1		1600325-02		1600325-02RE1		1600325-03	
Client: JOY CONSTRUCTION CORP. - West Farms Road - 15BR031A					WC-6		WC-6		WC-7		WC-7		WC-8	
CAS#	Compound	IP TGW	NJNRDCSRS	NJNRDCSRS	02/26/16		02/26/16		02/26/16		02/26/16		02/26/16	
Volatile Organic Compounds EPA Method SW846 8260 (mg/kg)														
630-20-6	1,1,1,2-Tetrachloroethane	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
71-55-6	1,1,1-Trichloroethane	0.3	4200	290	0.00128	U			0.00116	U			0.00108	U
79-34-5	1,1,2,2-Tetrachloroethane	0.007	3	1	0.00128	U			0.00116	U			0.00108	U
79-00-5	1,1,2-Trichloroethane	0.02	6	2	0.00128	U			0.00116	U			0.00108	U
75-34-3	1,1-Dichloroethane	0.2	24	8	0.00128	U			0.00116	U			0.00108	U
75-35-4	1,1-Dichloroethene	0.008	150	11	0.00128	U			0.00116	U			0.00108	U
563-58-6	1,1-Dichloropropene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
96-18-4	1,2,3-Trichloropropane	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
120-82-1	1,2,4-Trichlorobenzene	0.7	820	73	0.00128	U			0.00116	U			0.00108	U
95-63-6	1,2,4-Trimethylbenzene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
96-12-8	1,2-Dibromo-3-chloropropane	0.005	0.2	0.08	0.00128	U			0.00116	U			0.00108	U
106-93-4	1,2-Dibromoethane	0.005	0.04	0.008	0.00128	U			0.00116	U			0.00108	U
95-50-1	1,2-Dichlorobenzene	17	59000	5300	0.00128	U			0.00116	U			0.00108	U
107-06-2	1,2-Dichloroethane	0.005	3	0.9	0.00128	U			0.00116	U			0.00108	U
78-87-5	1,2-Dichloropropane	0.005	5	2	0.00128	U			0.00116	U			0.00108	U
108-67-8	1,3,5-Trimethylbenzene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
541-73-1	1,3-Dichlorobenzene	19	59000	5300	0.00128	U			0.00116	U			0.00108	U
142-28-9	1,3-Dichloropropane	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
106-46-7	1,4-Dichlorobenzene	2	13	5	0.00128	U			0.00116	U			0.00108	U
590-20-7	2,2-Dichloropropane	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
78-93-3	2-Butanone	0.9	44000	3100	0.00128	U			0.00116	U			0.00108	U
110-75-8	2-Chloroethyl vinyl ether	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
95-49-8	2-Chlorotoluene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
591-78-6	2-Hexanone	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
106-43-4	4-Chlorotoluene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
67-64-1	Acetone	19	NA	70000	0.00344	B			0.00116	U			0.00388	B
107-02-8	Acrolein	0.5	1	0.5	0.00768	U			0.00698	U			0.00650	U
107-13-1	Acrylonitrile	0.5	3	0.9	0.00256	U			0.00233	U			0.00217	U
71-43-2	Benzene	0.005	5	2	0.00128	U			0.00116	U			0.00108	U
108-86-1	Bromobenzene	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
74-97-5	Bromochloromethane	NA	NA	NA	0.00128	U			0.00116	U			0.00108	U
75-27-4	Bromodichloromethane	0.005	3	1	0.00128	U			0.00116	U			0.00108	U
75-25-2	Bromoform	0.03	280	81	0.00128	U			0.00116	U			0.00108	U
74-83-9	Bromomethane	0.04	59	25	0.00128	U			0.00116	U			0.00108	U
75-15-0	Carbon disulfide	6	110000	7800	0.00128	U			0.00116	U			0.00108	U
56-23-5	Carbon Tetrachloride	0.005	2	0.6	0.00128	U			0.00116	U			0.00108	U
108-90-7	Chlorobenzene	0.6	7400	510	0.00128	U			0.00116	U			0.00108	U
75-00-3	Chloroethane	NA	1100	220	0.00128	U			0.00116	U			0.00108	U
67-66-3	Chloroform	0.4	2	0.6	0.00128	U			0.00116	U			0.00108	U

**Additional Waste Characterization
Sample Results Summary Table
February 26, 2016 (WC-6, WC-7 and WC-8)
1939 West Farms Road, Bronx, New York
Brinkerhoff Project No. 15BR031A**

Work Order 1600325				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Lab: Accredited Analytical Resources LLC				1600325-01		1600325-01RE1		1600325-02		1600325-02RE1		1600325-03	
Client: JOY CONSTRUCTION CORP. - West Farms Road - 15BR031A				WC-6		WC-6		WC-7		WC-7		WC-8	
CAS#	Compound	IPTGW	NJNRDCSRS	NJNRDCSRS	02/26/16	02/26/16		02/26/16		02/26/16		02/26/16	
74-87-3	Chloromethane	NA	12	4	0.00128	U		0.00116	U			0.00108	U
156-59-4	cis-1,2-Dichloroethene	0.3	560	230	0.00128	U		0.00116	U			0.00108	U
10061-01-5	cis-1,3-Dichloropropene	0.0025	3.5	1	0.00128	U		0.00116	U			0.00108	U
124-48-1	Dibromochloromethane	0.005	8	3	0.00128	U		0.00116	U			0.00108	U
74-95-3	Dibromomethane	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
75-71-8	Dichlorodifluoromethane	39	230000	490	0.00128	U		0.00116	U			0.00108	U
100-41-4	Ethylbenzene	13	110000	7800	0.00128	U		0.00116	U			0.00108	U
87-68-3	Hexachlorobutadiene	0.9	25	6	0.00128	U		0.00116	U			0.00108	U
98-82-8	Isopropylbenzene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
108-38-3/106-42-3	m,p-Xylenes	9.5	85000	6000	0.00256	U		0.00233	U			0.00217	U
75-09-2	Methylene Chloride	0.01	97	34	0.00554			0.00116	U			0.00515	
104-51-8	n-Butyl Benzene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
103-65-1	n-Propyl Benzene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
95-47-6	o-Xylene	9.5	85000	6000	0.00256	U		0.00233	U			0.00217	U
99-87-6	p-Isopropyltoluene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
135-98-8	sec-Butylbenzene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
100-42-5	Styrene	3	260	90	0.00128	U		0.00116	U			0.00108	U
98-06-6	tert-Butylbenzene	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
127-18-4	Tetrachloroethene	0.005	5	2	0.00128	U		0.00116	U			0.00108	U
108-88-3	Toluene	7	91000	6300	0.00128	U		0.00116	U			0.00108	U
156-60-5	trans-1,2-Dichloroethene	0.6	720	300	0.00128	U		0.00116	U			0.00108	U
10061-02-6	trans-1,3-Dichloropropene	0.0025	3.5	1	0.00128	U		0.00116	U			0.00108	U
79-01-6	Trichloroethene	0.01	20	7	0.00128	U		0.00116	U			0.00108	U
75-69-4	Trichlorofluoromethane	34	340000	23000	0.00128	U		0.00116	U			0.00108	U
108-05-4	Vinyl acetate	NA	NA	NA	0.00128	U		0.00116	U			0.00108	U
75-01-4	Vinyl chloride	0.005	2	0.7	0.00128	U		0.00116	U			0.00108	U
Wet Chemistry (%)													
	Percent Solids	NA	NA	NA	82.2			86.0				91.1	
Wet Chemistry (mg/kg)													
	Cyanide (total)	20	23000	1600	1.22	U		1.16	U			1.10	U

Notes:

IPTGW = Impact to Ground Water Soil Screening Level (Table 1) Nov. 2013
NJNRDCSRS = NJ Non-Residential Direct Contact Soil Remediation Standards (Table 1B)(May 2012)

NJRDSCRS = NJ Residential Direct Contact Soil Remediation Standards (Table 1A)(May 2012)

RED = exceeds IPTGW

Highlighted Yellow = exceeds NJRDSCRS

Underlined = exceeds NJNRDCSRS

Q = Qualifier

Qualifiers:

E - Concentration exceeds highest calibration standard

B - Indicates compound found in associated blank

D - Indicates result is based on a dilution

H - Alternate peak selection upon analytical review

J - Indicates estimated value for TICs and all results when detected

U - Indicates compound analyzed for but not detected