ARCADIS Design & Consultancy for natural and built assets

Payson Long
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

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Subject:
June 2018 Monthly Report
Fort Edward Landfill
NYSDEC Site No. 558001
Contract No. D007618-39

Date:
August 17, 2018

Contact:
Andy Vitolins

Phone:
518.250.7300

Email:
andy.vitolins@arcadis.com

Our ref:
00266434.0000

Dear Mr. Long:

Arcadis CE, Inc. (Arcadis) has prepared this letter report to summarize the leachate collection and treatment system operation, maintenance, and monitoring (OM&M) activities completed during the June 2018 reporting period.

Leachate Collection and Treatment System Operation and Maintenance

The leachate treatment system shut down on fourteen occasions in June 2018 due to Inclined Plate Clarifier and Clarifier Catch Tank high alarms reported by the program logic controller (PLC). The Inclined Plate Clarifier alarms were triggered by a high level in the tank due to floating solids. The issue was resolved by dewatering the tank. The Clarifier Catch Tank alarms were caused because the PLC was improperly interpreting the level in the Clarifier Catch Tank, resulting in multiple high tank alarms activated by the high-level float switch. The issue was ultimately resolved by resetting the PLC.

A total of 257,481 gallons of leachate were collected and treated through the system during June 2018. The corresponding average leachate recovery rate for the month was approximately 6.0 gallons per minute (gpm).

The following O&M activities were completed during the June 2018 operating period:

- Iron and solids sludge processing was performed throughout the month. In total, six 55-gallon drums of sludge were generated during June 2018.

- On June 8, 2018, eighteen drums of filter sludge were transported for off-site disposal by HEPACO, LLC. The disposal documents are attached to this report.

System Sampling

The monthly samples were collected on June 26, 2018 from the following treatment system locations:

- Influent (i.e. combined flow from extraction wells EW-1, EW-2, EW-3, and EW-4);
- Clarifier Catch Tank discharge;
- Cell 3 Bypass (i.e. treatment Cell 3 discharge into the Cell 2/3 bypass pipe);
- Cell 2 Chamber (i.e. treatment Cell 2 discharge into the effluent collection chamber); and
- Polishing Pond Effluent.

Samples were also collected from extraction wells EW-1, EW-2, EW-3, leachate collection well EW-4, and Cell 1 Chamber (treatment Cell 1 discharge into the effluent collection chamber). Samples from these locations are collected on a quarterly basis and will be sampled again in the third quarter of 2018.

The monthly and quarterly samples were submitted to Con-Test Analytical for analysis of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), metals, total dissolved solids (TDS), and total suspended solids (TSS).

The analytical results are discussed in the sections below and have been summarized in Table 1. The laboratory analytical data will be submitted to NYSDEC's EIMS Administrator in the required EQuIS EDD format.

Analytical Results

VOCs

As shown in Table 1, VOCs were detected in the EW-1, EW-2, and EW-3 samples at concentrations that exceeded the corresponding NYSDEC Class GA Standards. The highest concentrations of VOCs were reported in the samples from EW-1. As shown in Table 1, VOCs were detected in the EW-4, Influent, Clarifier Catch Tank, Cell 3 Bypass, Cell 2 Effluent, Cell 1 Effluent, and Polishing Pond Effluent samples but did not exceed the corresponding NYSDEC Class GA Standards.

Based on these data, Arcadis has temporarily ceased pumping from extraction well EW-1 (the primary contributor of VOCs and PCBs to the treatment plant). EW-1 will remain off until the recommendations presented in the January 31, 2018 Remedial System Optimization Report (RSO) can be implemented and evaluated.

PCBs

PCB Aroclor 1016 was detected in the EW-1, Influent, Clarifier Catch Tank, and Cell 3 Bypass samples at concentrations greater than the respective NYSDEC GA Standards. PCBs were not detected in EW-2, EW-3, EW-4, Cell 2 effluent, Cell 1 effluent, and Polishing Pond Effluent samples during the June 2018 sampling event (Table 1).

Metals

Iron, magnesium, and manganese were detected at one or more of the treatment system samples at concentrations greater than the corresponding NYSDEC Standards of 0.3 milligrams per liter (mg/L), 35 mg/L, and 0.6 mg/L, respectively. Iron concentration ranged from a maximum 150 mg/L (EW-3) to 4.2

mg/L (Polishing Pond Effluent). Magnesium concentrations exceeded the NYSDEC Standard at samples collected from EW-1 (44 mg/L), EW-2 (42 mg/L), and EW-3 (35 mg/L). Manganese concentrations ranged from a maximum of 3.6 mg/L (Cell 1 effluent) to 0.25 mg/L (EW-3).

TDS and TSS

The concentrations of TDS and TSS continue to fluctuate between sampling events. During the June sampling event, TDS concentrations ranged between 320 mg/L and 860 mg/L; TSS concentrations ranged from 2.8 mg/L and 120 mg/L. These data are consistent with the results from previous sampling events. Since September 2016, TDS and TSS have ranged from 210 to 4,900 mg/L and non-detect (ND) to 180 mg/L, respectively.

Next Reporting Period Planned Activities

The following activities are anticipated for July 2018:

- Continuation of iron and solids treatment and processing; and
- Routine monthly system sampling.

If you have any questions, please do not hesitate to contact me or Jeremy Wyckoff.

Sincerely,

Arcadis CE, Inc.

Andy Vitolins, P.G.
Associate Vice President

Copies:
Jeremy Wyckoff, Arcadis
File

Enclosures:
Table 1 – June 2018 Treatment System Analytical Data
Waste Disposal Documents

Table 1. June 2018 Treatment System Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

ARCADIS Design & Consultancy for natural and built assets

Chemical Name	NYSDEC Class GA GW Standard	NYSDEC Class GA GW Effluent Limitation	EW-1 6/26/2018	EW-2 6/26/2018	EW-3 6/26/2018	EW-4 6/26/2018	INFLUENT 6/26/2018	CLARIFIER CATCH 6/26/2018	CELL 3 6/26/2018	CELL 2 6/26/2018	CELL 1 6/26/2018	EFFLUENT 6/26/2018
Volatile Organic Compounds (ug/L)												
ACETONE	50	50	1000 U	15 J	20 J	50 U	50 U	50 U	35 J	50 U	50 U	50 U
BENZENE	1	1	20 U	**5.9**	**2.8**	1.0 U	0.27 J	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U
BROMOCHLOROMETHANE	5	5	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMODICHLOROMETHANE	50	50	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	50	50	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BROMOMETHANE	5	5	20 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-BUTANONE (MEK)	50	50	200 U	20 U	20 U	20 U	20 U	4.4 J	20 U	20 U	20 U	20 U
CARBON DISULFIDE	60	60	40 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
CARBON TETRACHLORIDE	5	5	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
CHLOROBENZENE	5	5	20 U	1.4	**19**	1.0 U	1.0 U	0.43 J	1.0 U	1.0 U	1.0 U	1.0 U
CHLORODIBROMOMETHANE	50	--	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	5	5	20 U	2.0 U	0.73 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
CYCLOHEXANE	--	--	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	0.04	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.0006	0.0006	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	3	3	10 U	1.0 U	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-DICHLOROBENZENE	3	3	10 U	1.0 U	0.28 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-DICHLOROBENZENE	3	3	10 U	0.44 J	**4.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
DICHLORODIFLUOROMETHANE	5	5	20 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-DICHLOROETHANE	5	5	10 U	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,2-DICHLOROETHYLENE	5	5	**850**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 J	1.0 U	1.0 U	1.0 U
TRANS-1,2-DICHLOROETHYLENE	5	5	**7.8 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROETHANE	0.6	0.6	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-DICHLOROETHYLENE	5	5	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-DICHLOROPROPANE	1	1	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CIS-1,3-DICHLOROPROPENE	0.4	0.4	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.4	0.4	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DIOXANE	--	--	500 U	100 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	5	5	4.2 J	1.0 U	1.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U
2-HEXANONE	50	50	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPROPYLBENZENE (CUMENE)	5	5	20 U	0.39 J	0.62 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
METHYL ACETATE	--	--	10 U	2.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL TERT-BUTYL ETHER (MTBE)	10	10	10 U	0.82 J	0.48 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYL CYCLOHEXANE	--	--	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
METHYLENE CHLORIDE	5	5	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	--	--	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	5	930	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1,2-TETRACHLOROETHANE	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TETRACHLOROETHYLENE (PCE)	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TOLUENE	5	5	**5.4 J**	0.27 J	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U	1.0 U	0.3 J
1,2,3-TRICHLOROBENZENE	5	5	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-TRICHLOROBENZENE	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-TRICHLOROETHANE	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-TRICHLOROETHANE	1	1	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROETHYLENE (TCE)	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
TRICHLOROFLUOROMETHANE	5	5	20 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
VINYL CHLORIDE	2	2	**1200**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
M,P-XYLENES	5	5	**16 J**	1.4 J	2.0 U	2.0 U	2.0 U	0.78 J	0.49 J	2.0 U	2.0 U	2.0 U
O-XYLENE (1,2-DIMETHYLBENZENE)	5	5	4.6 J	0.2 J	0.18 J	1.0 U	1.0 U	0.53 J	0.35 J	1.0 U	1.0 U	1.0 U
XYLENES, TOTAL	5	5	60 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Notes:

Constitutents detected above the NYSDEC Class GA GW Standard are in **bold**.

Constitutents detected above the NYSDEC Class GA GW Effluent Limitation are highlighted in yellow.

NYSDEC Class GA GW Standard - New York State Department of Environmental Conservation Groundwater Standard and Guidance Value.

NYSDEC Class GA GW Effluent Limitation - New York State Department of Environmental Conservation Effluent Limitation.

U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J - The concentration is an approximate value.

ug/L - micrograms per liter

mg/L - milligrams per liter

Table 1. June 2018 Treatment System Analytical Data, Fort Edward Landfill
Fort Edward, New York. NYSDEC Site No. 558001

ARCADIS Design & Consultancy for natural and built assets

Chemical Name	NYSDEC Class GA GW Standard	NYSDEC Class GA GW Effluent Limitation	EW-1	EW-2	EW-3	EW-4	INFLUENT	CLARIFIER CATCH	CELL 3	CELL 2	CELL 1	EFFLUENT
			6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018	6/26/2018
Polychlorinated Biphenyls (ug/L)												
PCB-1016 (AROCLOR 1016)	*	*	**14,000**	0.2 U	0.2 U	0.2 U	**0.49**	**0.98**	**0.79**	0.2 U	0.2 U	0.2 U
PCB-1221 (AROCLOR 1221)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1232 (AROCLOR 1232)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1242 (AROCLOR 1242)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1248 (AROCLOR 1248)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1254 (AROCLOR 1254)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1260 (AROCLOR 1260)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1262 (AROCLOR 1262)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1268 (AROCLOR 1268)	*	*	2000 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Metals (mg/L)												
ALUMINUM	--	2	0.05 U	0.094	0.05 U	0.05 U	0.05 U	0.15	0.061	0.95	0.27	0.11
ANTIMONY	0.003	0.006	0.05 U	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
ARSENIC	0.025	0.05	0.01 U	**0.031**	0.021	0.01 U	0.002 U	0.002 U	0.002 U	0.002 U	0.017	0.002 U
BARIUM	1	2	0.59	0.19	0.76	0.05 U	0.05 U	0.05 U	0.065	0.074	0.27	0.055 U
BERYLLIUM	0.003	0.003	0.004 U	0.004 U	0.004 U	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
CADMIUM	0.005	0.01	0.004 U	0.004 U	0.004 U	0.004 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CALCIUM	--	--	170	130	79	68	91	87	120	110	130	83
CHROMIUM, TOTAL	0.05	0.1	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
COBALT	--	--	0.05 U	0.05 U	0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U	0.051	0.005 U
COPPER	0.2	1	0.011	0.021	0.01 U	0.01 U	0.025 U	0.046	0.025 U	0.025 U	0.016	0.025 U
IRON	0.3	0.6	**71**	**48**	**150**	**2.3**	**15**	**11**	**6.4**	**11**	**75**	**4.2**
LEAD	0.025	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MAGNESIUM	35	35	**44**	**42**	**35**	14	17	17	21	19	18	22
MANGANESE	0.3	0.6	**2.0**	**0.9**	0.25	**1.5**	**1.6**	**1.7**	**3.1**	**2.5**	**3.6**	**2.9**
MERCURY	0.0007	0.0014	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
NICKEL	0.1	0.2	0.01 U	0.011	0.01 U	0.01 U	0.025 U	0.011	0.025 U	0.025 U	0.049	0.025 U
POTASSIUM	--	--	9.9	3.1	43	4.1	2.7	2.7	2.4	2.2	2.0 U	2.0 U
SELENIUM	0.01	0.02	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
SILVER	0.05	0.1	0.005 U	0.005 U	0.005 U	0.005 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
SODIUM	20	--	**95**	**110**	**81**	**43**	**48**	**55**	**52**	**45**	**45**	**37**
THALLIUM	0.0005	0.0005	0.05 U	0.05 U	0.05 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
VANADIUM	--	--	0.01 U	0.01 U	0.03	0.01 U	0.025 U	0.025 U	0.025 U	0.025 U	0.012	0.025 U
ZINC	2	5	0.21	0.021	0.02 U	0.022	0.05 U	0.11	0.05 U	0.020 U	0.28	0.05 U
Conventional Chemistry (mg/L)												
TOTAL DISSOLVED SOLIDS	--	--	860	720	700	320	430	390	500	400	480	390
TOTAL SUSPENDED SOLIDS	--	--	80	120	63	2.8	24	21	16	13	22	12

Notes:
Constitutents detected above the NYSDEC Class GA GW Standard are in **bold**.
Constitutents detected above the NYSDEC Class GA GW Effluent Limitation are highlighted in yellow.
* The NYSDEC Class GA GW Standard and Effluent Limitation for PCBs is 0.09 ug/L.
NYSDEC Class GA GW Standard - New York State Department of Environmental Conservation Groundwater Standard and Guidance Value.
NYSDEC Class GA GW Effluent Limitation - New York State Department of Environmental Conservation Effluent Limitation.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
J - The concentration is an approximate value.
mg/L - milligrams per liter
ug/L - micrograms per liter

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000235424
2. Page 1 of: 1
3. Emergency Response Phone: 800-888-7689
4. Manifest Tracking Number: 014840865 JJK

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC FORT EDWARD LANDFILL
45 LEAVY HOLLOW LANE
FORT EDWARD, NY 12828
Generator's Phone: 800-888-7689

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Freehold Cartage Inc
U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name: Clean Industrial Services
U.S. EPA ID Number: MIR435641742

8. Designated Facility Name and Site Address
WAYNE DISPOSAL, INC.
49350 NORTH I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: 800-592-5489
U.S. EPA ID Number: MID048090633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS,SOLID,MIXTURE,9,PGIII,ERG-171 #E180070WDI	18	DM	6300 2864	K	B007	PCB5
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information
Out of Service 05/09/18
NEEDS CD SENT TO US WASTE 24 HR EMERGENCY CONTACT JOEL MELINO 800-888-7689 CC18389
Container #NYSDEC01-NYSDEC18
HEAPCO-NY Heapco PO 94-01837 Heapco Project # 1892.4034

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: James Williamson on behalf of NYSDEC
Signature:
Month 06 Day 08 Year 18

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: John N Mundy
Signature:
Month 06 Day 08 Year 18
Transporter 2 Printed/Typed Name: Tonya L Steward
Signature:
Month 06 Day 14 Year 18

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
OK to add in Sec. 14 per Chrissy Chapman EQ per 6/14/18
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. PCB 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Andrew Olsen
Signature:
Month 6 Day 22 Year 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)