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September 11, 2019

Mr. Eugene Melnyk
Mr. Chad Staniszewski
Division of Environmental Remediation
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2915

RE: Summary of Off-Site IRM Activities

AFI Project No.: D15B-Liberty BCP

Dear Gene and Chad:

AFI is writing this letter for the purpose of summarizing the IRM excavation activities at the Hurwitz Company Site, as a follow up to our discussion on September 4, 2019. During our last meeting on September 4, 2019, the department requested photos of the work areas and a short summary of the excavation totals and extent of the work performed.

IRM Activities Summary:

LIM proposed excavation activities of the off-site area adjacent to the eastern property line (EPL) and the southern property line (SPL) to remove and process fugitive materials, including buried solid waste (plastics, wood and metals), recoverable ferrous and non-ferrous metals, and impacted soils. Initial excavation, processing and disposal activities began October 1, 2018 and ceased in late December 2018, due to the changing season and inclement weather. Secondary excavation activities took place in isolated areas along the site property boundary in August 2019.

EPL

The IRM work areas were divided into representative zones for excavation and sampling. Twenty (20) confirmation soil samples were collected (**Figure 1**), summary maps are included as **Figures 2-4** and a data summary table is included as **Table 1**.

The area adjacent to the Eastern property line was divided up into 30’ x 30’ zones for excavation and sampling. The designated areas adjacent to the EPL were divided into 19 zones, from the south eastern boundary point to the non-ferrous warehouse. All 19 zones were excavated to grade and all of the soils and debris which migrated from the Site were removed. It should be noted that samples were collected from zones EPL-1 through EPL-15. Each individual zone is 30’ long by 30’ wide, which comprised an area of 900 ft2 per zone. The total surface area of excavation that occurred along the EPL is 17,100 ft2. All fugitive waste including wood, plastics, as well as both ferrous and non-ferrous metals were removed from the above grade soils in each zone. The depth of excavation ranged from approximately 0.5 to 6 feet and was performed until no fugitive waste, municipal solid wastes or impacted soils were observed by AFI personnel. Impacted soils were excavated and stored until they were analyzed for waste disposal characteristics. Soils were then disposed of at the Waste Management Landfill in Chaffee New York under waste management

profile number 117817NY. Soils were transported by Mallare trucking enterprises under a non-hazardous waste manifest from the site to the Waste Management landfill.

SPL

Twenty-nine (29) confirmation soil samples were collected; the work area and sample location can be seen in **Figure 1**. Soil data summary maps are included as **Figures 2-4** and a data summary table is included as **Table 2**.

The area adjacent to the Southern Property Line was divided up into 30' x 6' zones for excavation and sampling. The designated areas adjacent to the SPL were divided into 29 zones, spanning from the south western corner of the site to the railroad service entrance towards the south eastern corner of the property. It should be noted, only 21 of the 29 zones were sampled. Each individual zone is 30' long by 6' wide, providing an excavation area of 180 square feet per zone. The total surface area of excavation that occurred along the SPL is 4860 square feet. All fugitive waste including wood, plastics, as well as both ferrous and non-ferrous metals were removed from the above grade soils in each zone. The depth of excavation ranged from approximately 0.5 to 1.5 feet and was performed until no fugitive waste, municipal solid wastes or impacted soils were observed by AFI personnel. Impacted soils were excavated and stored until they were analyzed for waste disposal characteristics. Soils were then disposed of at the Waste Management Landfill in Chaffee New York under waste management profile number 117817NY. Soils were transported by Mallare trucking enterprises under a non-hazardous waste manifest from the site to the Waste Management landfill.

IRM Excavation Summary

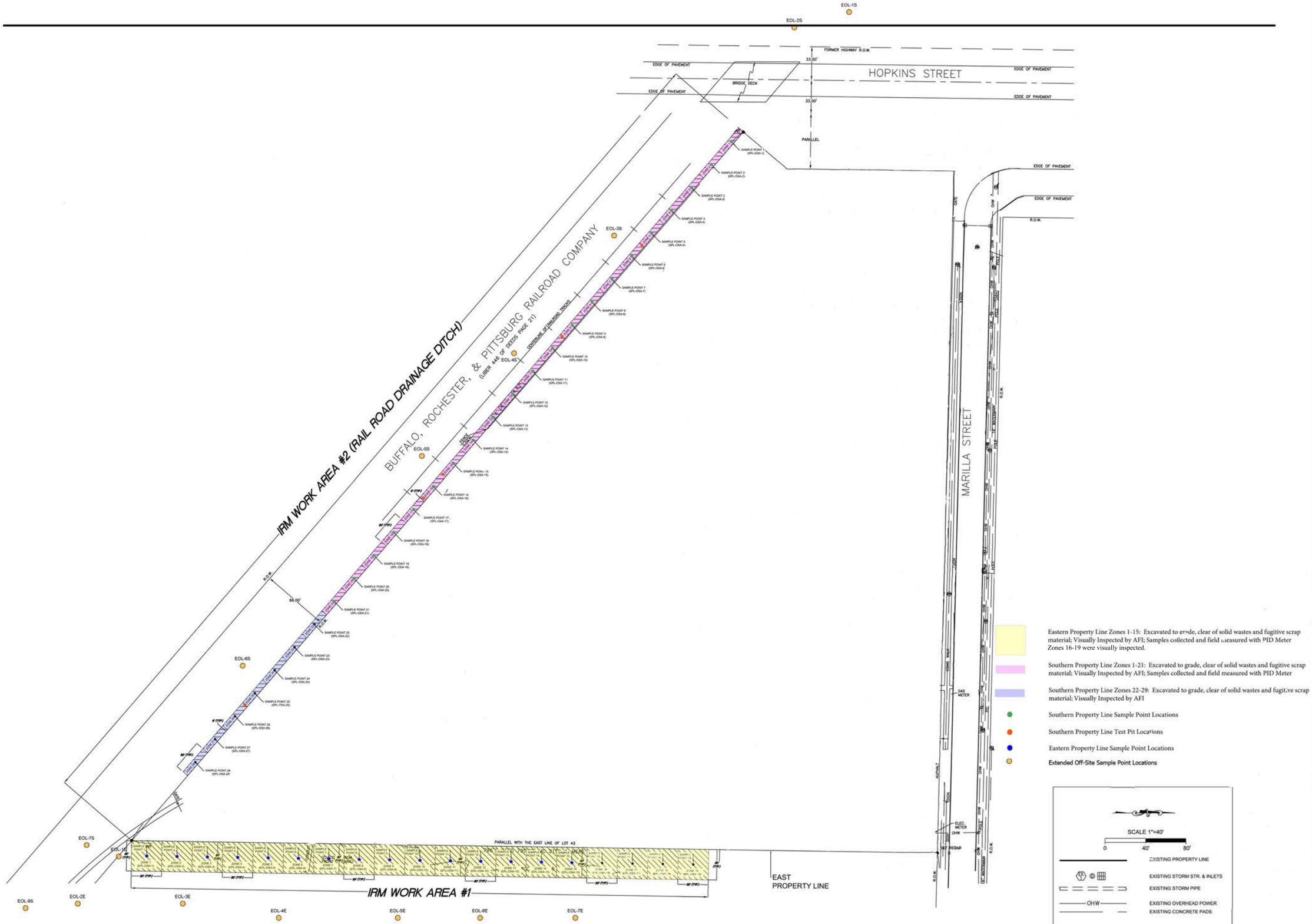
A total of approximately 1500 linear feet of the Site property boundary was addressed, removing soil and debris which had encroached from on the site to the area adjacent to the property line, off-site. In total, approximately 22,000 square feet of area was excavated and cleared of debris and solid waste. A total of 3900 tons of soils were sent to the Waste Management Chaffee Landfill for disposal during the IRM activities.

A photo log of the off-site work has been included with this letter as an attachment for your review. Please feel free to contact me at my cell phone, 415-238-2985, if you need any additional information or if you have any questions.

Sincerely,

Joshua Bartone
AFI Environmental
Project Manager/Senior Geologist

Cc: Mr. William Heitzenrater, Liberty Iron and Metal, Inc.
Mr. Mike Diamond LIM
Mrs. Deborah Chadsey ESQ, Kavinoky Cook



IRM Sampling Map

Hurwitz Company Site
NYSDEC BCP Site #915290
267 Marilla Street, Buffalo NY 14220

IRM Summary Letter
Figure 1

D15B-Liberty BCP

09/11/2019
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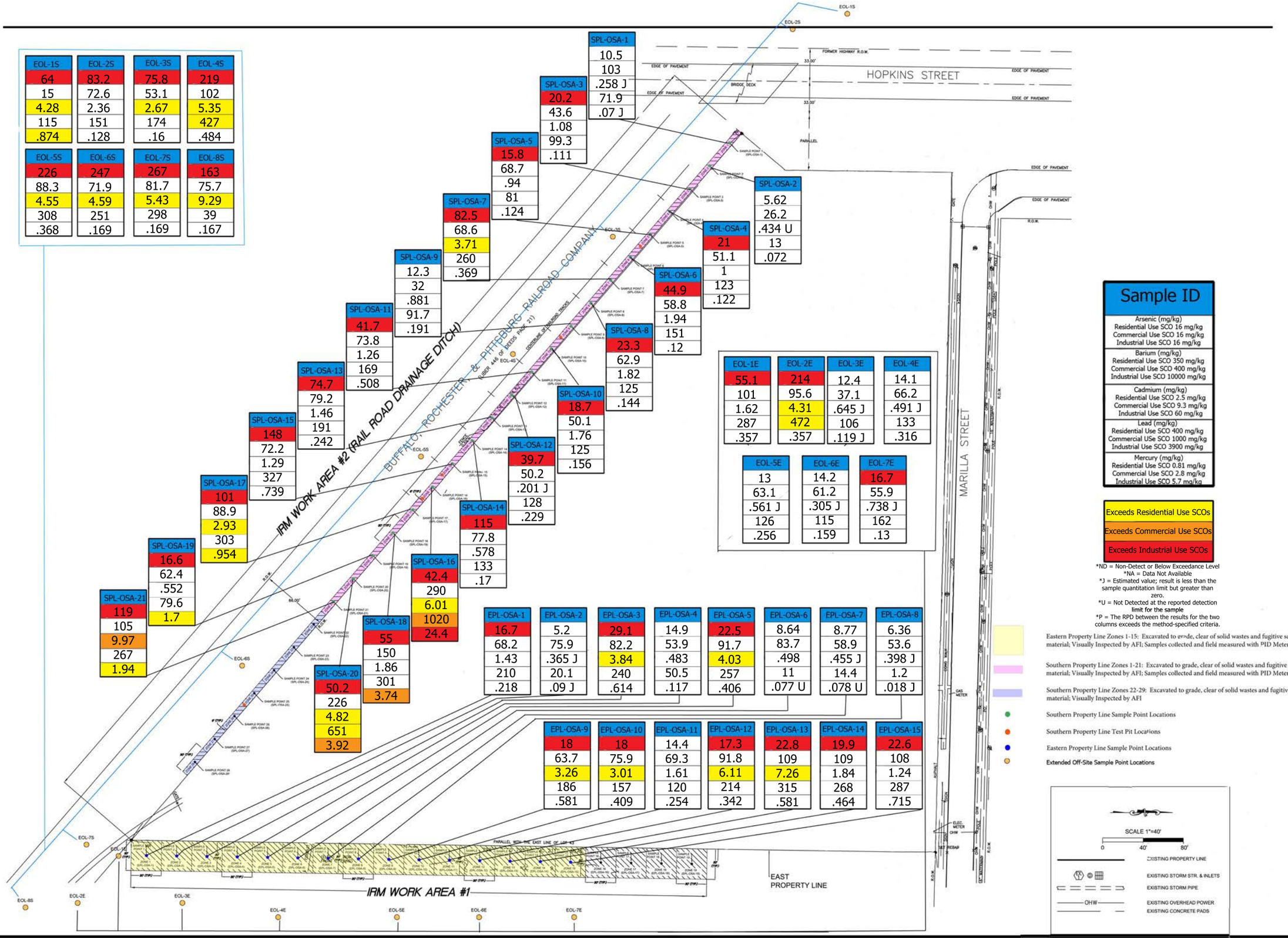
IRM Soil RCRA 8 Metals Exceedances Data Map

Hurwitz Company Site
NYSDEC BCP Site# 915290
267 Marilla Stree, Buffalo, New York 14220



Sample ID

Arsenic (mg/kg)
Residential Use SCO 16 mg/kg
Commercial Use SCO 16 mg/kg
Industrial Use SCO 16 mg/kg

Barium (mg/kg)
Residential Use SCO 350 mg/kg
Commercial Use SCO 400 mg/kg
Industrial Use SCO 10000 mg/kg

Cadmium (mg/kg)
Residential Use SCO 2.5 mg/kg
Commercial Use SCO 9.3 mg/kg
Industrial Use SCO 60 mg/kg

Lead (mg/kg)
Residential Use SCO 400 mg/kg
Commercial USe SCO 1000 mg/kg
Industrial Use SCO 3900 mg/kg

Mercury (mg/kg)
Residential Use SCO 0.81 mg/kg
Commercial Use SCO 2.8 mg/kg
Industrial Use SCO 5.7 mg/kg

Exceeds Residential Use SCOs
Exceeds Commercial Use SCOs
Exceeds Industrial Use SCOs

*ND = Non-Detect or Below Exceedance Level
*NA = Data Not Available
*J = Estimated value; result is less than the sample quantitation limit but greater than zero.
*U = Not Detected at the reported detection limit for the sample
*P = The RPD between the results for the two columns exceeds the method-specified criteria.

Eastern Property Line Zones 1-15: Excavated to grade, clear of solid wastes and fugitive scrap material; Visually Inspected by AFI; Samples collected and field measured with PID Meter

Southern Property Line Zones 1-21: Excavated to grade, clear of solid wastes and fugitive scrap material; Visually Inspected by AFI; Samples collected and field measured with PID Meter

Southern Property Line Zones 22-29: Excavated to grade, clear of solid wastes and fugitive scrap material; Visually Inspected by AFI

Southern Property Line Sample Point Locations

Southern Property Line Test Pit Locations

Eastern Property Line Sample Point Locations

Extended Off-Site Sample Point Locations

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IRM Summary Figure
2

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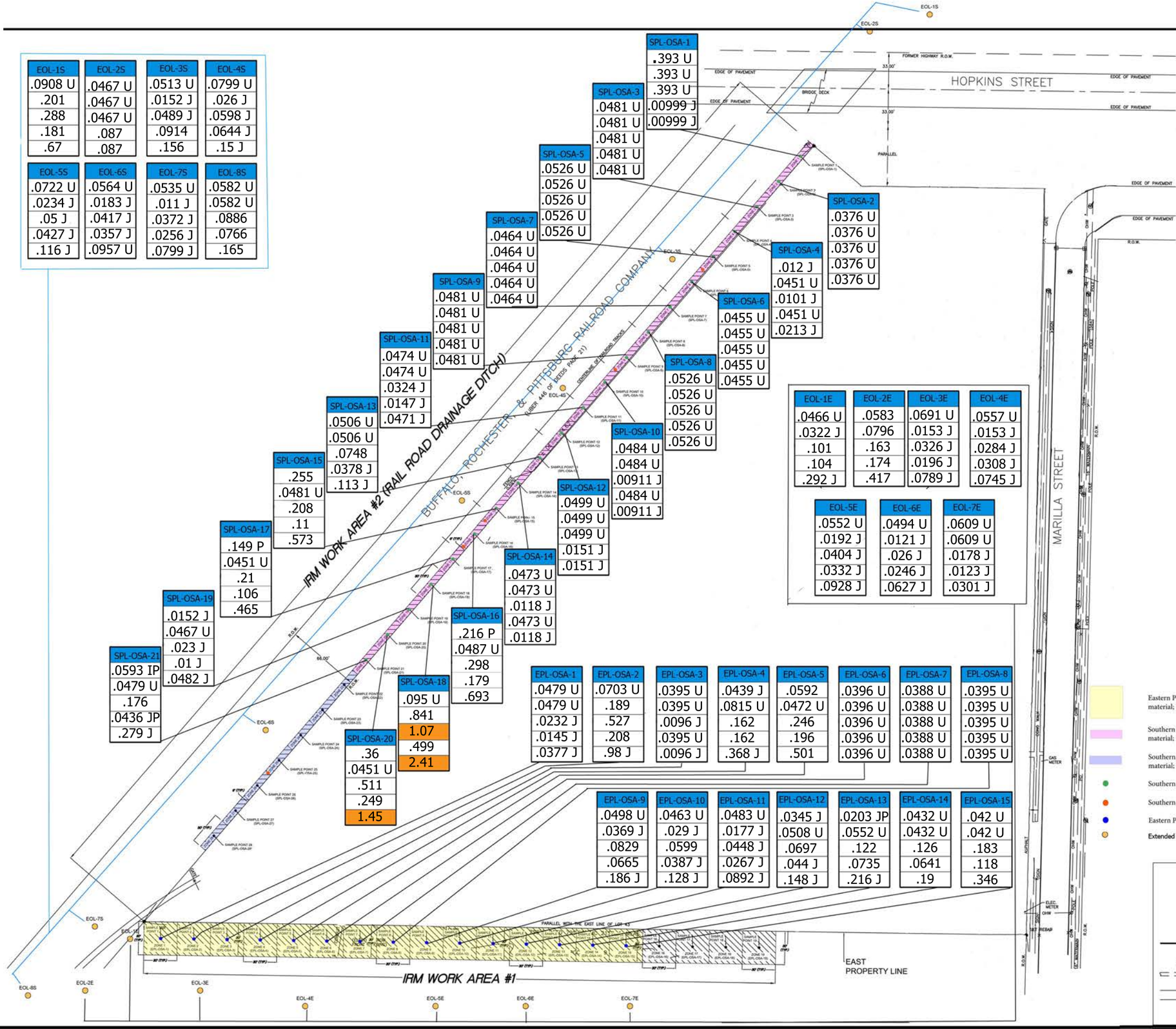
IRM Soil PCBs Exceedances Data Map

Hurwitz Company Site
NYSDEC BCP Site# C915290
267 Marilla Street, Buffalo, New York 14220



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IRM Summary Figure

3

D15B-Liberty-BCP

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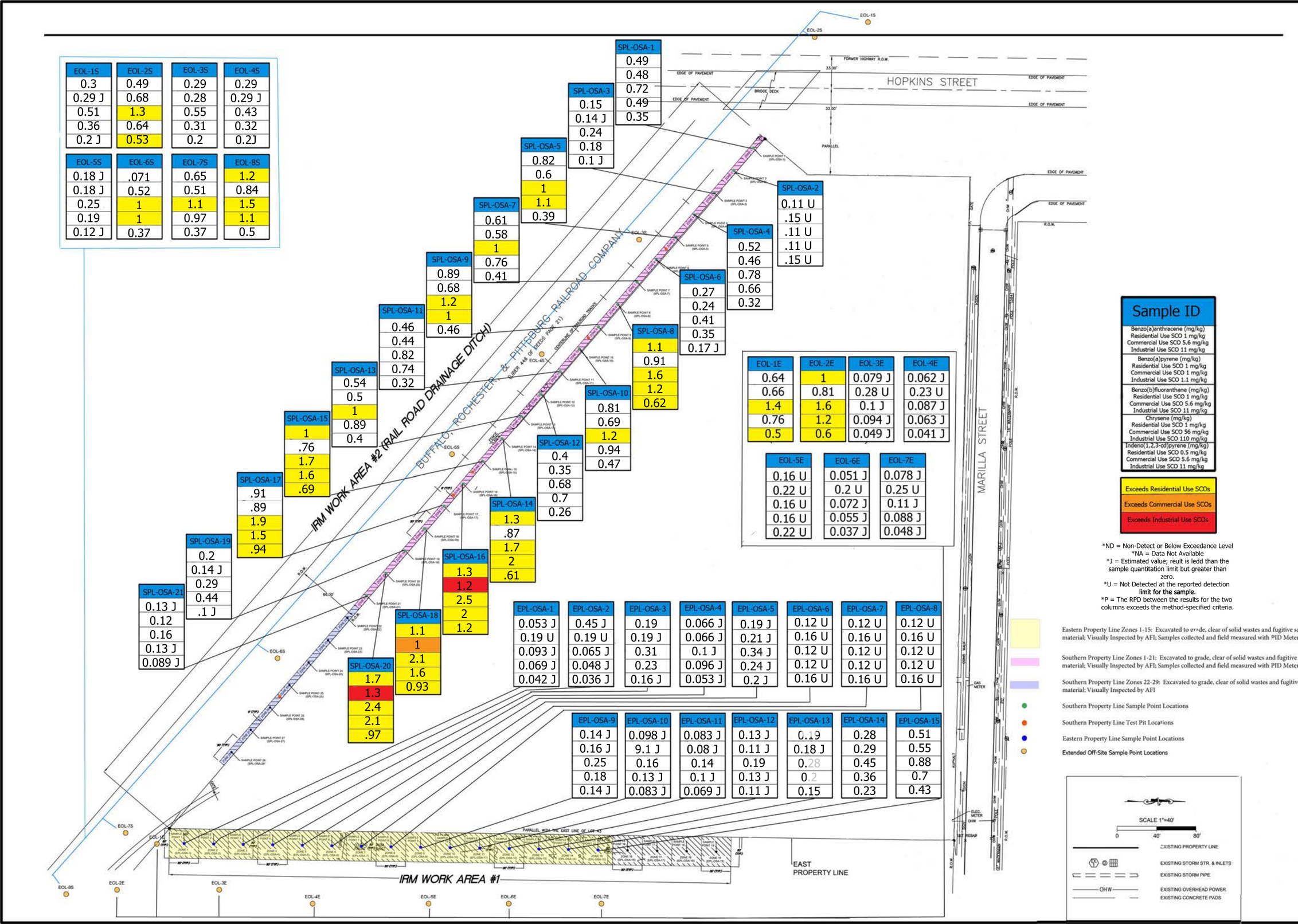
IRM Soil SVOCs Exceedances Data Map

Hurwitz Company Site
NYSDEC BCP Site# 915290
267 Marila Street, Bufalo, New York 14220



EOL-1S	EOL-2S	EOL-3S	EOL-4S
0.3	0.49	0.29	0.29
0.29 J	0.68	0.28	0.29 J
0.51	1.3	0.55	0.43
0.36	0.64	0.31	0.32
0.2 J	0.53	0.2	0.2J

EOL-5S	EOL-6S	EOL-7S	EOL-8S
0.18 J	.071	0.65	1.2
0.18 J	0.52	0.51	0.84
0.25	1	1.1	1.5
0.19	1	0.97	1.1
0.12 J	0.37	0.37	0.5

SPL-OSA-1	SPL-OSA-2	SPL-OSA-3	SPL-OSA-4	SPL-OSA-5	SPL-OSA-6	SPL-OSA-7	SPL-OSA-8	SPL-OSA-9	SPL-OSA-10	SPL-OSA-11	SPL-OSA-12	SPL-OSA-13	SPL-OSA-14	SPL-OSA-15	SPL-OSA-16	SPL-OSA-17	SPL-OSA-18	SPL-OSA-19	SPL-OSA-20	SPL-OSA-21
0.49	0.11 U	0.15	0.52	0.82	0.27	0.61	1.1	0.89	0.81	0.46	0.4	0.54	1.3	1	1.3	.91	1.1	0.2	1.7	0.13 J
0.48	.15 U	0.14 J	0.46	0.6	0.24	0.58	0.91	0.68	0.69	0.44	0.35	0.5	.87	.76	1.2	.89	1	0.14 J	1.3	0.12
0.72	.11 U	0.24	0.78	1	0.41	1	1.6	1.2	1.2	0.82	0.68	1	1.7	1.7	2.5	1.9	2	0.29	2.4	0.16
0.49	.11 U	0.18	0.66	1.1	0.35	0.76	1.2	1.2	0.94	0.74	0.7	0.89	1.7	1.6	2	1.5	2.1	0.44	2.1	0.13 J
0.35	.15 U	0.1 J	0.32	0.39	0.17 J	0.41	0.62	0.46	0.47	0.32	0.26	0.4	.61	.69	1.2	.94	0.93	.1 J	.97	0.089 J

EOL-1E	EOL-2E	EOL-3E	EOL-4E	EOL-5E	EOL-6E	EOL-7E
0.64	1	0.079 J	0.062 J	0.16 U	0.051 J	0.078 J
0.66	0.81	0.28 U	0.23 U	0.22 U	0.2 U	0.25 U
1.4	1.6	0.1 J	0.087 J	0.16 U	0.072 J	0.11 J
0.76	1.2	0.094 J	0.063 J	0.16 U	0.055 J	0.088 J
0.5	0.6	0.049 J	0.041 J	0.22 U	0.037 J	0.048 J

EPL-OSA-1	EPL-OSA-2	EPL-OSA-3	EPL-OSA-4	EPL-OSA-5	EPL-OSA-6	EPL-OSA-7	EPL-OSA-8	EPL-OSA-9	EPL-OSA-10	EPL-OSA-11	EPL-OSA-12	EPL-OSA-13	EPL-OSA-14	EPL-OSA-15
0.053 J	0.45 J	0.19	0.066 J	0.19 J	0.12 U	0.12 U	0.12 U	0.14 J	0.098 J	0.083 J	0.13 J	0.19	0.28	0.51
0.19 U	0.19 U	0.19 J	0.066 J	0.21 J	0.16 U	0.16 U	0.16 U	0.16 J	9.1 J	0.08 J	0.11 J	0.18 J	0.29	0.55
0.093 J	0.065 J	0.31	0.1 J	0.34 J	0.12 U	0.12 U	0.12 U	0.25	0.16	0.14	0.19	0.28	0.45	0.88
0.069 J	0.048 J	0.23	0.096 J	0.24 J	0.12 U	0.12 U	0.12 U	0.18	0.13 J	0.1 J	0.13 J	0.2	0.36	0.7
0.042 J	0.036 J	0.16 J	0.053 J	0.2 J	0.16 U	0.16 U	0.16 U	0.14 J	0.083 J	0.069 J	0.11 J	0.15	0.23	0.43

Sample ID
Benzo(a)anthracene (mg/kg) Residential Use SCO 1 mg/kg Commercial Use SCO 5.6 mg/kg Industrial Use SCO 11 mg/kg
Benzo(a)pyrene (mg/kg) Residential Use SCO 1 mg/kg Commercial Use SCO 1 mg/kg Industrial Use SCO 1.1 mg/kg
Benzo(b)fluoranthene (mg/kg) Residential Use SCO 1 mg/kg Commercial Use SCO 5.6 mg/kg Industrial Use SCO 11 mg/kg
Chrysene (mg/kg) Residential Use SCO 1 mg/kg Commercial Use SCO 56 mg/kg Industrial Use SCO 110 mg/kg
Indeno(1,2,3-cd)pyrene (mg/kg) Residential Use SCO 0.5 mg/kg Commercial Use SCO 5.6 mg/kg Industrial Use SCO 11 mg/kg
Exceeds Residential Use SCOs
Exceeds Commercial Use SCOs
Exceeds Industrial Use SCOs

*ND = Non-Detect or Below Exceedance Level
*NA = Data Not Available
*J = Estimated value; reult is ledd than the sample quantitation limit but greater than zero.
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Southern Property Line Zones 22-29: Excavated to grade, clear of solid wastes and fugitive scrap material; Visually Inspected by AFI

Southern Property Line Sample Point Locations

Southern Property Line Test Pit Locations

Eastern Property Line Sample Point Locations

Extended Off-Site Sample Point Locations

SCALE 1"=40'
0 40' 80'

EXISTING PROPERTY LINE
EXISTING STORM STR. & INLETS
EXISTING STORM PIPE
OHW EXISTING OVERHEAD POWER
EXISTING CONCRETE PADS

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IRM Summary Figure
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Table 1
IRM Eastern Property Line Soil Analytical Data Summary Table
Hurwitz Company Site
267 Marilla Street
Buffalo, New York 14220
Site ID. C915290

LOCATION							EPL-OSA-1		EPL-0SA-1-2		EPL-OSA-1-3		EPL-OSA-2		EPL-OSA-3		EPL-OSA-4		EPL-OSA-4-2		EPL-OSA-5		EPL-OSA-6		EPL-OSA-7		EPL-OSA-8		EPL-OSA-9		EPL-OSA-10		EPL-OSA-11		EPL-OSA-12		EPL-OSA-13		EPL-OSA-14		EPL-OSA-14-2		EPL-OSA-15		EPL-OSA-15-2	
SAMPLING DATE							10/31/2018		12/10/2018		8/12/2019		10/31/2018		10/26/2018		10/26/2018		8/12/2019		10/26/2018		11/13/2018		11/13/2018		11/13/2018		11/9/2018		11/8/2018		11/8/2018		11/6/2018		11/6/2018		11/6/2018		8/12/2019		11/6/2018		8/12/2019	
LAB SAMPLE ID							L1844753-01		L1850609-01		L1936079-09		L1844753-02		L1843892-01		L1843892-02		L1936079-10		L1843892-03		L1846515-01		L1846515-02		L1846515-03		L1846068-01		L1846069-02		L1846069-01		L1845317-04		L1845317-03		L1845317-02		L1936079-11		L1845317-01		L1936079-12	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)							0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5	
	CasNum	NY-RESI	NY-RESC	NY-RESR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																															
Solids, Total	NONE					%	68.9		46		68.9		68.3		55.1		39.4		39.4		68.1		81.9		81		83.4		63.1		70.4		68.2		63.3		60.2		42.4		73.7		38.8		38.8	
Polychlorinated Biphenyls																																														
Aroclor 1242	53469-21-9	25	1	1	0.1	mg/kg	0.0482	U	0.0703	U	0.0479	U	0.0487	U	0.0137	J	0.0439	J	0.0395	U	0.0592		0.0396	U	0.0388	U	0.0395	U	0.0498	U	0.0463	U	0.0483	U	0.0345	J	0.0203	JP	0.0524	J	0.0432	U	0.084		0.042	U
Aroclor 1248	12672-29-6	25	1	1	0.1	mg/kg	0.0482	U	0.189		0.0479	U	0.0487	U	0.0584	U	0.0815	U	0.0395	U	0.0472	U	0.0396	U	0.0388	U	0.0395	U	0.0369	J	0.029	J	0.0177	J	0.0508	U	0.0552	U	0.0774	U	0.0432	U	0.0824	U	0.042	U
Aroclor 1254	11097-69-1	25	1	1	0.1	mg/kg	0.0599		0.527		0.0232	J	0.324		0.0628		0.162		0.0395	J	0.246		0.0396	U	0.0388	U	0.0395	U	0.0829		0.0599		0.0448	J	0.0697		0.122		0.321		0.126		0.328		0.183	
Aroclor 1260	11096-82-5	25	1	1	0.1	mg/kg	0.0461	J	0.208		0.0145	J	0.211		0.0721		0.162		0.0395	U	0.196		0.0396	U	0.0388	U	0.0395	U	0.0665		0.0387	J	0.0267	J	0.044	J	0.0735		0.152		0.0641		0.2		0.118	
Aroclor 1268	11100-14-4	25	1	1	0.1	mg/kg	0.0298	J	0.056	J	0.0479	U	0.0487	U	0.0324	J	0.0815	U	0.0395	U	0.0472	U	0.0396	U	0.0388	U	0.0395	U	0.0498	U	0.0463	U	0.0483	U	0.0508	U	0.0552	U	0.0774	U	0.0432	U	0.0824	U	0.045	U
PCBs, Total	1336-36-3	25	1	1	0.1	mg/kg	0.136	J	0.98	J	0.0377	J	0.535		0.181	J	0.368	J	0.0395	J	0.501		0.0396	U	0.0388	U	0.0395	U	0.186	J	0.128	J	0.0892	J	0.148	J	0.216	J	0.525	J	0.19		0.612		0.346	
Semivolatile Organics																																														
Acenaphthene	83-32-9	1000	500	100	20	mg/kg	0.042	J	2.9	U	0.19	U	0.19	U	0.054	J	0.97	U	0.16	U	0.55	U	0.16	U	0.16	U	0.16	U	0.21	U	0.18	U	0.19	U	0.2	U	0.22	U	0.31	U	0.028	J	0.052	J	0.052	J
2,4-Dimethylphenol	105-67-9					mg/kg	0.24	U	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.22		0.2	U	0.2	U	0.26	U	0.23	U	0.24	U	0.26	U	0.27	U	0.39	U	0.22	U	0.42	U	0.42	U
2-Methylnaphthalene	91-57-6					mg/kg	0.66		1.8	J	0.047	J	0.029	J	0.29	J	0.2	J	0.12	J	0.82	U	0.88		0.026	J	0.24	U	0.2	J	0.11	J	0.097	J	0.1	J	0.11	J	0.096	J	0.24	J	0.14	J	0.14	J
3-Methylphenol/4-Methylphenol	108-39-4	1000	500	34	0.33	mg/kg	0.041	J	5.2	U	0.34	U	0.35	U	0.18	J	1.7	U	0.28	U	0.99	U	0.29	U	0.29	U	0.28	U	0.05	J	0.33	U	0.14	J	0.37	U	0.39	U	0.56	U	0.32	U	0.6	U	0.6	U
3-Nitroaniline	99-09-2					mg/kg	0.24	U	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.26	U	0.23	U	0.11	J	0.26	U	0.27	U	0.39	U	0.22	U	0.42	U	0.42	U
Acenaphthylene	208-96-8	1000	500	100	100	mg/kg	0.32		0.89	J	0.19	U	0.19	U	0.054	J	0.97	U	0.16	U	0.55	U	0.16	U	0.16	U	0.16	U	0.041	J	0.18	U	0.19	U	0.045	J	0.042	J	0.068	J	0.065	J	0.24	J	0.24	J
Acetophenone	98-86-2					mg/kg	0.24	U	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.19	J	0.23	U	0.24	U	0.04	J	0.27	U	0.062	J	0.22	U	0.42	U	0.42	U
Anthracene	120-12-7	1000	500	100	100	mg/kg	0.32		0.95	J	0.14	U	0.14	U	0.066	J	0.73	U	0.12	U	0.41	U	0.12	U	0.12	U	0.12	U	0.07	J	0.14	U	0.14	U	0.15	U	0.16	U	0.23	U	0.083	J	0.19	J	0.19	J
Benzaldehyde	100-52-7					mg/kg	0.32		1.5	J	0.32	U	0.32	U	0.25	J	1.6	U	0.063	J	0.91	U	0.27	U	0.26	U	0.26	U	0.34	U	0.12	J	0.14	J	0.34	U	0.36	U	0.46	J	0.16	J	0.19	J	0.19	J
Benzo(a)anthracene	56-55-3	11	5.6	1	1	mg/kg	1.2		2.6		0.053	J	0.045	J	0.19		0.36	J	0.066	J	0.19	J	0.12	U	0.12	U	0.12	U	0.14	J	0.098	J	0.083	J	0.13	J	0.19		0.27		0.28		0.6		0.6	
Benzo(a)pyrene	50-32-8	1.1	1	1	1	mg/kg	1.2		3		0.19	U	0.19	U	0.19	J	0.38	J	0.066	J	0.21	J	0.16	U	0.16	U	0.16	U	0.16	J	0.1	J	0.08	J	0.11	J	0.18	J	0.27	J	0.29		0.63		0.63	
Benzo(b)fluoranthene	205-99-2	11	5.6	1	1	mg/kg	2.2		4.8		0.093	J	0.065	J	0.31		0.59	J	0.1	J	0.34	J	0.12	U	0.12	U	0.12	U	0.25		0.16		0.14		0.19		0.28		0.4		0.45		0.91		0.91	
Benzo(ghi)perylene	191-24-2	1000	500	100	100	mg/kg	0.77		2	J	0.039	J	0.032	J	0.15	J	0.29	J	0.054	J	0.2	J	0.16	U	0.16	U	0.16	U	0.14	J	0.078	J	0.068	J	0.098	J	0.14	J	0.21	J	0.22		0.46		0.46	
Benzo(k)fluoranthene	207-08-9	110	56	1	0.8	mg/kg	0.62		1.5	J	0.038	J	0.14	U	0.086	J	0.73	U	0.12	U	0.41	U	0.12	U	0.12	U	0.12	U	0.072	J	0.052	J	0.14	U	0.06	J	0.089	J	0.14	J	0.16		0.32		0.32	
Biphenyl	92-52-4					mg/kg	0.11	J	8.2	U	0.55	U	0.55	U	0.67	U	2.8	U	0.45	U	1.6	U	0.46	U	0.46	U	0.45	U	0.59	U	0.53	U	0.54	U	0.58	U	0.62	U	0.89	U	0.51	U	0.96	U	0.96	U
Bis(2-ethylhexyl)phthalate	117-81-7					mg/kg	0.097	J	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.26	U	0.23	U	0.24	U	0.26	U	0.27	U	0.15	J	0.22	U	0.42	U	0.42	U
Butyl benzyl phthalate	85-68-7					mg/kg	0.24	U	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.26	U	0.23	U	0.24	U	0.26	U	0.077	J	0.12	J	0.22	U	0.24	J	0.24	J
Carbazole	86-74-8					mg/kg	0.12	J	0.56	J	0.24	U	0.24	U	0.056	J	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.048	J	0.027	J	0.026	J	0.027	J	0.045	J	0.076	J	0.059	J	0.18	J	0.18	J
Chrysene	218-01-9	110	56	1	1	mg/kg	1.5		3.3		0.069	J	0.048	J	0.23		0.41	J	0.096	J	0.24	J	0.12	U	0.12	U	0.12	U	0.18		0.13	J	0.1	J	0.13	J	0.2		0.3		0.36		0.75		0.75	
Dibenzo(a,h)anthracene	53-70-3	1.1	0.56	0.33	0.33	mg/kg	0.23		0.56	J	0.14	U	0.14	U	0.039	J	0.73	U	0.12	U	0.41	U	0.12	U	0.12	U	0.12	U	0.16	U	0.14	U	0.14	U	0.15	U	0.037	J	0.051	J	0.055	J	0.11	J	0.11	J
Dibenzofuran	132-64-9	1000	350	14	7	mg/kg	0.26		0.7	J	0.24	U	0.24	U	0.13	J	1.2	U	0.052	J	0.69	U	0.2	U	0.2	U	0.2	U	0.05	J	0.037	J	0.036	J	0.26	U	0.036	J	0.04	J	0.082	J	0.094	J	0.094	J
Di-n-butylphthalate	84-74-2					mg/kg	0.24	U	3.6	U	0.24	U	0.24	U	0.29	U	1.2	U	0.2	U	0.69	U	0.2	U	0.2	U	0.2	U	0.21	J	0.23	U	0.24	U	0.26	U	0.27	U	0.39	U	0.05	J	0.42	U	0.42	U
Fluoranthene	206-44-0	1000	500	100	100	mg/kg	1.8		4.4		0.076	J	0.08	J	0.44		0.77		0.12		0.46		0.12	U	0.12	U	0.12	U	0.37		0.19		0.16		0.22		0.36		0.56		0.54		1.6		1.6	
Fluorene	86-73-7	1000	500	100	30	mg/kg	0.078	J	3.6	U	0.24	U	0.24	U	0.074	J	1.2	U	0.024	J	0.69	U	0.2	U	0.2	U	0.2	U	0.028	J	0.23	U	0.24	U	0.26	U	0.27	U	0.047	J	0.042	J	0.14	J	0.14	J
Indeno(1,2,3-cd)pyrene	193-39-5	11	5.6	0.5	0.5	mg/kg	0.88		2.1	J	0.042	J	0.036	J	0.16	J	0.32	J	0.053	J	0.2	J	0.16	U	0.16	U	0.16	U	0.14	J	0.083	J	0.069	J	0.11	J	0.15	J	0.2	J	0.23		0.48		0.48	
Naphthalene	91-20-3	1000	500	100	12	mg/kg	0.56		1.4	J	0.059	J	0.049	J	0.57		0.42	J	0.13	J	0.11	J	1.1		0.025	J	0.2	U	0.28		0.14	J	0.14	J	0.15	J	0.16	J	0.14	J	0.22		0.2	J	0.2	J
Phenanthrene	85-01-8	1000	500	100	100	mg/kg	0.8		3.3		0.052	J	0.056	J	0.48		0.52	J	0.17		0.27	J	0.12	U	0.12	U	0.12	U	0.27		0.16		0.16		0.13	J	0.26		0.43		0.43		1.3		1.3	
Phenol	108-95-2	1000	500	100	0.33	mg/kg	0.046	J	3.6	U	0.24	U	0.24	U	0.21	J	0.38	J	0.037	J	0.69	U	0.2	U	0.2	U	0.2	U	0.1	J	0.23	U	0.24	U	0.26	U	0.27	U	0.15	J	0.22	U	0.42	U	0.42	U
Pyrene	129-00-0	1000	500	100	100	mg/kg	1.6		3.8		0.082	J	0.069	J	0.34		0.6	J	0.11	J	0.37	J	0.12	U	0.12	U	0.12	U	0.32		0.15		0.13	J	0.19		0.31		0.48		0.45		1.3		1.3	
Total Metals																																														
Arsenic, Total	7440-38-2	16	16	16	13	mg/kg	26.5		40.6		16.7		5.2		29.1		51.2		14.9		22.5		8.64		8.77		6.46		18		18		14.4		17.3		22.8		24.3		19.9		28		22.6	
Barium, Total	7440-39-3	10000	400	350	350	mg/kg	64		136		68.2		75.9		82.2		119		53.9		91.7		83.7		58.9		53.6		63.7		75.9		69.3		91.8		109		142		109		151		108	
Cadmium, Total	7440-43-9	60	9.3	2.5	2.5	mg/kg	1.62		7.76		1.43		0.365	J	3.84		11.3		0.483	U	4.03		0.498		0.455	J	0.398	J	3.26		3.02		1.61		6.11		7.26		10.9		1.84		18.8		1.24	
Chromium, Total	7440-47-3					mg/kg	46		348		164		26.4		6420		18600		552		2430		13.3		15.3		11.3		333		150		115		143		161		158		89.6		159		71.9	
Lead, Total	7439-92-1	3900	1000	400	63	mg/kg	104		575		210		20.1		240		527		50.5		257		11		14.4		11.2		186		157		120		214		315		467		268		667		287	
Mercury, Total	7439-97-6	5.7	2.8	0.81	0.18	mg/kg	0.267		0.965		0.218		0.09	J	0.614		1.91		0.117		0.406		0.077	U	0.078	U	0.018	J	0.581		0.409		0.254		0.342		0.581		1.39		0.464		1.6		0.715	
Selenium, Total	7782-49-2	6800	1500	36	3.9	mg/kg	0.828	J	4.35		0.878	J	1.08	J	8.34		21.8		0.918	J	5.63		0.586	J	0.464	J	0.599	J	2.22		1.29		0.909	J	0.54	J	0.582	J	0.982	J	1.06	U	0.983	J	1.05	U
Silver, Total	7440-22-4	6800	1500	36	2	mg/kg	0.298	J	0.848		0.276	J	0.399	J	0.894		1.85		0.483	U	0.975		0.149	J	0.464	U	0.457	U	0.699		0.824		0.512	J	0.66		0.967		1.44		0.573		1.9		0.499	J
Volatile Organics																																														
Cyclohexane	110-82-7					mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.91	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	780	390	30	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8					mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	108-87-2					mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6					mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1					mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

Definitions

J = Estimated value; result is less than the sample quantitation limit but greater than zero.
U = Not detected at the reported detection limit for the sample.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 2
IRM Southern Property Line Soil Analytical Data Summary Table
Hurwitz Company Site
267 Marilla Street
Buffalo, New York 14220
Site ID. C915290

LOCATION							SPL-0SA-1		SPL-0SA-2		SPL-0SA-2-2		SPL-0SA-3		SPL-0SA-4		SPL-0SA-5		SPL-0SA-6		SPL-0SA-7		SPL-0SA-8		SPL-0SA-9		SPL-0SA-10		SPL-0SA-11		SPL-0SA-12		SPL-0SA-13		SPL-0SA-14		SPL-0SA-14-2		SPL-0SA-15		SPL-0SA-15-2		SPL-0SA-16		SPL-0SA-16-2		SPL-0SA-17		SPL-0SA-17-2		SPL-0SA-18		SPL-0SA-18-2		SPL-0SA-19		SPL-0SA-19-2		SPL-0SA-20		SPL-0SA-20-2		SPL-0SA-21	
SAMPLING DATE							12/7/2018		12/7/2018		8/12/2019		12/5/2018		12/5/2018		12/5/2018		12/5/2018		12/5/2018		12/5/2018		12/5/2018		12/5/2018		12/7/2018		12/7/2018		12/7/2018		12/7/2018		8/12/2019		12/7/2018		8/12/2019		12/5/2018		8/12/2019		12/5/2018		8/12/2019		12/5/2018		8/12/2019		12/5/2018		8/12/2019		12/5/2018	
LAB SAMPLE ID							L1850367-01		L1850367-02		L1936079-01		L1850090-01		L1850090-02		L1850090-03		L1850090-04		L1850090-05		L1850090-06		L1850090-07		L1850090-08		L1850367-03		L1850367-04		L1850367-05		L1850367-06		L1936079-01		L1850367-07		L1936079-03		L1850029-01		L1936079-04		L1850029-02		L1936079-05		L1850029-03		L1936079-06		L1850029-04		L1936079-07		L1850029-05		L1936079-08		L1850029-06	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)							0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5		0-0.5	
	CasNum	NY-RESI	NY-RESC	NY-RESR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																																															
Solids, Total	NONE					%	82.7		61.7		87.8		66.7		72.4		60.3		69.2		67.5		61.7		65		67.9		66.6		65.2		64.1		57.2		68.2		52.1		66.8		61.2		67.4		53.2		70.2		70.3		68.5		56.9		70.7		68.3		71.3		66.8	
Polychlorinated Biphenyls																																																															
Aroclor 1242	53469-21-9	25	1	1	0.1	mg/kg	0.0393	U	0.0538	U	0.0376	U	0.0481	U	0.0112	J	0.0526	U	0.0455	U	0.0464	U	0.0526	U	0.0481	U	0.0484	U	0.0474	U	0.0499	U	0.0506	U	0.286	U	0.0473	U	0.315	U	0.255		4.75	I	0.216	P	0.538	IP	0.149	P	0.0462	U	0.095	U	0.346	IP	0.0152	J	0.057	IP	0.36		0.0593	IP
Aroclor 1248	12672-29-6	25	1	1	0.1	mg/kg	0.0393	U	0.0538	U	0.0376	U	0.0481	U	0.0451	U	0.0526	U	0.0455	U	0.0464	U	0.0526	U	0.0481	U	0.0484	U	0.0474	U	0.0499	U	0.0506	U	0.286	U	0.0473	U	1.58		0.0481	U	1.07	U	0.0487	U	0.123	U	0.0451	U	0.0101	J	0.841		0.112	U	0.0467	U	0.0483	U	0.0451	U	0.0479	U
Aroclor 1254	11097-69-1	25	1	1	0.1	mg/kg	0.0393	U	0.0418	J	0.0376	U	0.0481	U	0.0101	J	0.0526	U	0.0455	U	0.0464	U	0.0526	U	0.0481	U	0.0091	J	0.0324	J	0.0499	U	0.0748		1.34		0.0118	J	1.16		0.208		6.09		0.298		1.54		0.21		0.0143	JP	1.07		1.11		0.023	J	0.164		0.511		0.174	
Aroclor 1260	11096-82-5	25	1	1	0.1	mg/kg	0.01	J	0.0429	J	0.0376	U	0.0481	U	0.0451	U	0.0526	U	0.0455	U	0.0464	U	0.0526	U	0.0481	U	0.0484	U	0.0147	J	0.0151	J	0.0378	J	0.571	I	0.0473	U	0.554	I	0.11		3.52		0.179		0.578		0.108		0.0462	U	0.499		0.345		0.01	J	0.0478	J	0.249		0.0436	JP
PCBs, Total	1336-36-3	25	1	1	0.1	mg/kg	0.01	J	0.0847	J	0.0376	U	0.0481	U	0.0213	J	0.0526	U	0.0455	U	0.0464	U	0.0526	U	0.0481	U	0.0091	J	0.0471	J	0.0151	J	0.113	J	1.91		0.0118	J	3.29		0.573		14.4		0.693		2.66		0.465		0.0244	J	2.41		1.8		0.0482	J	0.269	J	1.45		0.279	J
Semivolatile Organics																																																														
2,4-Dinitrotoluene	121-14-2					mg/kg	0.19	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.29	U	0.24	U	0.32	U	0.24	U	0.26	U	0.24	U	0.3	U	0.23	U	0.23	U	0.24	U	0.29	U	0.23	U	0.24	U	0.23	U	0.24	U
2-Methylnaphthalene	91-57-6					mg/kg	0.19	J	1.1		0.025	J	0.15	J	0.3		0.32	J	0.26	J	0.32		0.37		0.24	J	0.3		0.86		1		1.7		1		2.8		0.9		4.5		0.16	J	5.3		0.48		3.6		0.58		2.3		0.43		1		0.16	J	1.7		0.03	J
2-Methylphenol	95-48-7	1000	500	100	0.33	mg/kg	0.25	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.51		0.041	J	0.096	J	0.056	J	0.26	U	0.063	J	0.3	U	0.052	J	0.23	U	0.24	U	0.29	U	0.23	U	0.24	U	0.036	J	0.24	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	1000	500	34	0.33	mg/kg	0.19	U	1.1	U	0.15	U	0.35	U	0.33	U	0.047	J	0.34	U	0.36	U	0.39	U	0.36	U	0.35	U	0.35	U	0.04	J	0.062	J	0.086	J	0.074	J	0.12	J	0.11	J	0.042	J	0.1	J	0.096	J	0.1	J	0.039	J	0.35	U	0.42	U	0.34	U	0.047	J	0.092	J	0.35	U
Acenaphthene	83-32-9	1000	500	100	20	mg/kg	0.19	U	0.084	J	0.15	U	0.19	U	0.18	U	0.22	U	0.19	U	0.2	U	0.21	U	0.2	U	0.19	U	0.037	J	0.04	J	0.055	J	0.077	J	0.11	J	0.095	J	0.14	J	0.42	U	0.19	J	0.062	J	0.13	J	0.11	J	0.15	J	0.034	J	0.26	J	0.19	U	0.16	J	0.2	U
Acenaphthylene	208-96-8	1000	500	100	100	mg/kg	0.19	U	0.22	J	0.19	U	0.051	J	0.18		0.2	J	0.089	J	0.22		0.35		0.24		0.3		0.18	J	0.15	J	0.2		0.54		0.4		0.35		0.39		0.17	J	0.56		0.6		0.47		0.12	J	0.49		0.15	J	0.056	J	0.066	J	0.53		0.051	J
Acetophenone	98-86-2					mg/kg	0.11	U	0.79	U	0.11	U	0.24	U	0.23	U	0.075	J	0.24	U	0.25	U	0.27	U	0.038	J	0.038	J	0.12	J	0.13	J	0.21	J	0.25	J	0.24	U	0.28	J	0.24	U	0.26		0.24	U	0.16	J	0.23	U	0.049	J	0.24	U	0.076	J	0.23	U	0.24	U	0.23	U	0.24	U
Anthracene	120-12-7	1000	500	100	100	mg/kg	0.027	U	0.28	J	0.25	U	0.048	J	0.15		0.15	J	0.073	J	0.15		0.24		0.15		0.22		0.15		0.13	J	0.19		0.41		0.38		0.4		0.42		0.84		0.6		0.68		0.51		0.23		0.58		0.15	J	0.064	J	0.08	J	0.77		0.064	J
Benzaldehyde	100-52-7					mg/kg	0.023	U	1	U	0.11	U	0.074	J	0.15	J	0.25	J	0.14	J	0.16	J	0.14	J	0.14	J	0.14	J	0.32	U	0.34	U	0.34	U	0.38	U	0.31	U	0.42	U	0.32	U	0.22	J	0.32	U	0.39	J	0.31	U	0.098	J	0.32	U	0.13	J	0.31	U	0.32	U	0.3	U	0.32	U
Benzo(a)anthracene	56-55-3	11	5.6	1	1	mg/kg	0.19	U	0.87		0.11	U	0.15		0.52		0.82		0.27		0.61		1.1		0.89		0.81		0.46		0.4		0.54		0.77		1.3		1		1		1.6		1.3		1.3		0.91		0.34		1.1		0.33		0.2		0.18		1.7		0.13	J
Benzo(a)pyrene	50-32-8	1.1	1	1	1	mg/kg	0.019	U	1.1		0.11	U	0.14	J	0.46		0.6		0.24		0.58		0.91		0.68		0.69		0.44		0.35		0.5		1		0.87		1.2		0.76		1.3		1.2		1.4		0.89		0.26		1		0.31		0.14	J	0.18	J	1.3		0.12	J
Benzo(b)fluoranthene	205-99-2	11	5.6	1	1	mg/kg	0.72	U	1.7		0.11	U	0.24		0.78		1		0.41		1		1.6		1.2		1.2		0.82		0.68		1		1.9		1.7		2		1.7		1.9		2.5		2.3		1.9		0.52		2.1		0.62		0.29		0.32		2.4		0.16	
Benzo(ghi)perylene	191-24-2	1000	500	100	100	mg/kg	0.31	U	0.89		0.15	U	0.093	J	0.29		0.36		0.16	J	0.36		0.54		0.4		0.39		0.28		0.24		0.35		1.4		0.59		1.1		0.64		0.87		1.1		1.1		0.91		0.16	J	0.85		0.24		0.12	J	0.098	J	0.86		0.073	J
Benzo(k)fluoranthene	207-08-9	110	56	1	0.8	mg/kg	0.27	U	0.61		0.11	U	0.07	J	0.3		0.31		0.15		0.28		0.51		0.35		0.33		0.24		0.22		0.32		0.56		0.53		0.63		0.5		0.61		0.79		0.83		0.56		0.14		0.6		0.21		0.088	J	0.088	J	0.78		0.062	J
Biphenyl	92-52-4					mg/kg	0.45	U	0.18	J	0.43	U	0.55	U	0.055	J	0.62	U	0.1	J	0.058	J	0.063	J	0.57	U	0.55	U	0.15	J	0.16	J	0.27	J	0.17	J	0.43	J	0.15	J	0.66		0.6	U	0.73		0.091	J	0.53		0.17	J	0.36	J	0.66	U	0.16	J	0.55	U	0.28	J	0.56	U
Bis(2-ethylhexyl)phthalate	117-81-7					mg/kg	0.2	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.32		0.24	U	86	E	0.093	J	3.3		0.26		0.63		0.16	J	0.23	U	2.1		0.14	J	0.23	U	0.24	U	0.48		0.24	U
Butyl benzyl phthalate	85-68-7					mg/kg	0.2	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.29	U	0.24	U	0.39		0.24	U	0.66		0.084	J	0.3	U	0.23	U	0.23	U	0.32		0.29	U	0.23	U	0.24	U	0.095	J	0.074	J
Carbazole	86-74-8					mg/kg	0.089	U	0.15	J	0.19	U	0.027	J	0.11	J	0.089	J	0.047	J	0.1	J	0.13	J	0.1	J	0.16	J	0.079	J	0.086	J	0.12	J	0.2	J	0.21	J	0.25	J	0.22	J	0.38		0.29		0.17	J	0.22	J	0.098	J	0.22	J	0.068	J	0.05	J	0.033	J	0.24		0.032	J
Chrysene	218-01-9	110	56	1	1	mg/kg	0.49	U	1.2		0.11	U	0.18		0.66		1.1		0.35		0.76		1.2		1		0.94		0.74		0.7		0.89		0.93		2		1.2		1.6		1.6		2		1.7		1.5		0.43		1.6		0.36		0.44		0.22		2.1		0.13	J
Dibenzo(a,h)anthracene	53-70-3	1.1	0.56	0.33	0.33	mg/kg	0.089	U	0.22	J	0.11	U	0.14	U	0.085	J	0.11	J	0.053	J	0.12	J	0.18		0.12	J	0.14		0.096	J	0.089	J	0.12	J	0.26		0.21		0.26		0.21		0.23		0.32		0.32		0.25		0.058	J	0.25		0.071	J	0.048	J	0.032	J	0.28		0.15	U
Dibenzofuran	132-64-9	1000	350	14	7	mg/kg	0.081	U	0.45	J	0.19	U	0.085	J	0.15	J	0.12	J	0.1	J	0.16	J	0.28		0.12	J	0.2	J	0.31		0.34		0.52		0.44		0.85		0.31	J	1.3		0.28		1.6		0.27	J	1.1		0.38		0.85		0.18	J	0.27		0.1	J	0.65		0.034	J
Dimethyl phthalate	131-11-3					mg/kg	0.2	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.29	U	0.24	U	0.32	U	0.24	U	0.096	J	0.24	U	0.3	U	0.23	U	0.23	U	0.24	U	0.29	U	0.23	U	0.24	U	0.062	J	0.24	U
Di-n-butylphthalate	84-74-2					mg/kg	0.2	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.2	J	0.25	U	0.25	U	0.26	U	0.29	U	0.24	U	0.15	J	0.24	U	0.24	J	0.24	U	0.067	J	0.23	U	0.23	U	0.096	J	0.29	U	0.23	U	0.24	U	0.23	U	0.24	U
Fluoranthene	206-44-0	1000	500	100	100	mg/kg	0.78	U	1.3		0.11	U	0.26		0.99		1.2		0.42		1		1.7		1.8		1.8		0.69		0.6		0.95		1.2		1.9		2		1.3		2.8		1.8		1.5		1.3		0.58		1.7		0.45		0.28		0.25		2.6		0.29	
Fluorene	86-73-7	1000	500	100	30	mg/kg	0.036	U	0.14	J	0.19	U	0.024	J	0.23	U	0.27	U	0.035	J	0.048	J	0.051	J	0.034	J	0.052	J	0.074	J	0.09	J	0.14	J	0.15	J	0.25		0.16	J	0.38		0.44		0.38		0.12	J	0.25		0.17	J	0.26		0.052	J	0.086	J	0.027	J	0.26		0.038	J
Indeno(1,2,3-cd)pyrene	193-39-5	11	5.6	0.5	0.5	mg/kg	0.35	U	0.92		0.15	U	0.1	J	0.32		0.39		0.17	J	0.41		0.62		0.46		0.47		0.32		0.26		0.4		1.4		0.61		1.1		0.69		1		1.2		1.4		0.94		0.19		0.93		0.28		0.1	J	0.11	J	0.97		0.089	J
Naphthalene	91-20-3	1000	500	100	12	mg/kg	0.26	J	1.2		0.027	J	0.2	J	0.36		0.33		0.26		0.34		0.83		0.31		0.38		0.73		0.84		1.3		1.4		1.7		1		2.9		0.37		3.6		0.94		2.5		0.93		1.8		0.54		0.58		0.27		1.3		0.072	J
Phenanthrene	85-01-8	1000	500	100	100	mg/kg	0.48	J	1.2		0.023	J	0.18		0.46		0.71		0.28		0.45		0.57		0.4		0.68		0.81		0.9		1.3		1		2.6		1.4		3.3		2.6		3.8		0.69		2.8		0.55		2.5		0.43		0.82		0.2		2.1		0.3	
Phenol	108-95-2	1000	500	100	0.33	mg/kg	0.2	U	0.79	U	0.19	U	0.24	U	0.23	U	0.27	U	0.24	U	0.25	U	0.27	U	0.25	U	0.24	U	0.25	U	0.25	U	0.26	U	0.089	J	0.059	J	0.17	J	0.069	J	0.15	J	0.073	J	0.14	J	0.064	J	0.23	U	0.24	U	0.29	U	0.23	U	0.24	U	0.088	J	0.24	U
Pyrene	129-00-0	1000	500	100	100	mg/kg	0.61	J	1.2		0.019	J	0.21		0.81		1.1		0.36		1		1.6		1.5		1.5		0.63		0.56		0.84		1.1		1.7		1.7		1.2		2.5		1.7		1.6		1.3		0.5		1.5		0.41		0.29		0.23		2.4		0.21	
Total Metals																																																															
Arsenic, Total	7440-38-2	16	16	16	13	mg/kg	10.5		187		5.62		20.2		21		15.8		44.9		82.5		23.3		12.3		18.7		41.7		39.7		74.7		16.9		115		46.6		148		24.8		42.4		25.8		101		25.6		55		40		16.6		50.2		94.5		119	
Barium, Total	7440-39-3	10000	400	350	350	mg/kg	103		96.2		26.2		43.6		51.1		68.7		58.8		68.6		62.9		32		50.1		73.8		50.2		79.2		80.5		77.8		52		72.2		536		290		396		88.9		40.6		150		299		62.4		226		85.7		105	
Cadmium, Total	7440-43-9	60	9.3	2.5	2.5	mg/kg	0.258	J	1.64		0.434	U	1.08		1		0.94		1.94		3.71		1.82		0.881		1.76		1.26		0.201	J	1.46		0.911		0.578	U	0.681	J	1.29		22.7		6.01		11		2.93		1.8		1.86		8.74		0.552	U	4.82		6.2		9.97	
Chromium, Total	7440-47-3					mg/kg	68.9		58		8.71		15.4		7.97		6.7		26.3		52.5		16.5		7.15		12.1		24.6		16.7		34.9		27.2		18.1		19.2		72.6		309		147		149		77.2		42.7		67.8		149		62.5		205		399		768	
Lead, Total	7439-92-1	3900	1000	400	63	mg/kg	71.9		250		13		99.3		123		81		161		260		125		91.7		126		169		128		191		216		133		132		327		1680		1020		1200		303		84		301		727		79.6		651		240		267	
Mercury, Total	7439-97-6	5.7	2.8	0.81	0.18	mg/kg	0.07	J	0.243		0.072	U	0.111		0.122		0.124		0.12		0.369		0.144		0.191		0.156		0.508		0.229		0.242		3.27		0.17		1.81		0.739		20.7		24.4		32.9		0.954		6.3		3.74		5.74		1.7		3.92		1.19		1.94	
Selenium, Total	7782-49-2	6800	1500	36	3.9	mg/kg	0.487	J	1.73		0.868	U	1.88		1.31		1.44		1.58		2.04		1.79		0.899	J	1.26		1.38		1.19	J	1.55		1.05	J	1.16	U	0.826	J	1.19	U	2.95		0.176	J	2.6		0.262	J	3.1		1.12	U	2.71		0.569	J	1.09	U	3.26		3.3	
Silver, Total	7440-22-4	6800	1500	36	2	mg/kg	0.159	J	0.49	J	0.434	U	0.182	J	0.172	J	0.662	U	0.346	J	0.55	J	0.345	J	0.201	J	0.223	J	0.224	J	0.609	U	0.26	J	0.326	J	0.578	U	0.765	U	0.392	J	2.66		1.72		2.07		0.406	J	0.246	J	0.196	J	1.85		0.552	U	1.12		1.34		2.15	

* Comparison is not performed on parameters with non-numeric criteria.

Definitions

J = Estimated value; result is less than the sample quantitation limit but greater than zero.
U = Not detected at the reported detection limit for the sample.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.