



January 10, 2011

U.S.EPA Region II
Emergency & Remedial Response Division
290 Broadway, 19th Floor
New York, NY 10007-1866
Attn: Ms. Anne Kelly

RE: Former Central Foundry – Massena Superfund Site, Massena, New York
EPA Orders Index No. II CERCLA-20207 and 20215 -
Monthly Progress Report No. 224 for December 2010

Dear Ms. Kelly:

On behalf of Motors Liquidation Company (MLC), BOW Environmental Solutions, Inc., enclosed please find 2 copies of the Monthly Progress Report relating to the activities performed during the month of December 2010, in conformance with the Unilateral Administrative Orders for both operable units of the Former Central Foundry, Massena Superfund Site.

Should you or your staff have any questions regarding the contents of the Progress Report, please contact me at (937) 478-8221.

Sincerely,

A handwritten signature in black ink that reads "Pamela L. Barnett". The signature is written in a cursive, flowing style.

Pamela L. Barnett, PG
Project Manager
BOW Environmental Solutions, Inc. on behalf of MLC

Monthly Progress Report No. 224 – December 2010
Former Central Foundry Massena Superfund Site - Operable Units 1 & 2
USEPA Unilateral Administrative Orders Nos. II CERCLA - 20207 & 20215

I. Compliance Activities Completed for the Period (December 1 through December 30, 2010)

Remedial Design / Remedial Action

Work activities associated with the Pre-Design Investigation (PDI) Work Plan continued during December. The PCB delineation boring program for soil continued throughout the month. By December 23, a total of 66 locations had been drilled and completed with depths ranging from 3.8 to 50 feet below grade. All core intervals were scanned for volatile organic compounds using a PID and described in a log book. Discrete samples were collected from select intervals and shipped to a laboratory for analyses of PCBs and phenols as required in consultation with the onsite USEPA representative. The analytical results for soil samples collected and analyzed in December are presented in Attachment 1, Tables 3 and 4. The USEPA onsite representative AECOM was onsite during most of the drilling and sampling activities. The St. Regis Mohawk Tribe Environmental Division also provided oversight during the drilling and sampling. Details of the daily activities can be found in Daily reports which were provided to USEPA reporting on the progress of the investigation along with recommendations of analyses for different sample intervals. On December 20, 2010, while drilling at location IL-31, an abandoned line was struck at approximately 8.5' – 9' below grade. The location had also been cleared by hand to a depth of 8-feet using air knifing equipment due to the identified number of utilities in the area. An investigation was conducted and there were no impacts to any of the facilities current operating lines or operating systems. The pipe penetration was subsequently plugged with grout.

The drilling and installation of the aquifer pump test wells and observation wells also continued during December. The aquifer pump test wells and observation wells were completed using rotary drilling methods. By December 30, the 2 pilot test borings and 11 observation wells had been drilled and completed. The borings ranged in depth from 16 to 40 below grade. Select soil samples intervals were collected and were sent out for grain size analyses. The following table provides a summary of the well name, approximate location in relation to the nearest pump well and screened interval.

Well Type	Well Name	Approximate Location	Screened Interval
Pump Test Well	PW10-01	North side of site adjacent to St. Lawrence River	22'-36' below grade
Pump Test Well	PW10-02	Northeast side of site adjacent to St. Regis Mohawk Reservation	11'-35' below grade
Observation Well	OBS10-1A	40' west of PW10-01	26'-36' below grade
Observation Well	OBS10-1B	40' west of PW10-01	20'-22' below grade
Observation Well	OBS10-1C	40' west of PW10-01	11'-16' below grade
Observation Well	OBS10-2A	40' north of PW10-01	27'-37' below grade
Observation Well	OBS10-3A	20' east of PW10-01	27'-37' below grade
Observation Well	OBS10-3B	20' east of PW10-01	20'-22' below grade
Observation Well	OBS10-3C	20' east of PW10-01	11'-16' below grade
Observation Well	OBS10-6A	25' south of PW10-02	27'-37' below grade

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Well Type	Well Name	Approximate Location	Screened Interval
Observation Well	OBS10-6B	25' south of PW10-02	19'-21' below grade
Observation Well	OBS10-6C	25' south of PW10-02	8'-13' below grade
Observation Well	OBS10-5C	25' west of PW10-02	8'-13' below grade

Site work was shut down on December 23 for the holidays with field crews returning on January 3, 2011.

Maintenance Activities

Outfall 002 (at the Raquette River) and Outfall 004 (north of the Industrial Landfill) were both sampled on December 3, 2010. The analytical results for these water samples are presented in Attachment 1, Tables 1 & 2.

On December 16, 2010, quarterly water samples were collected from the sump northeast of the Industrial Landfill and the Process Water Lagoon underdrain. Results are pending and will be presented in next month's report to US EPA.

Also during the month of December, a total of approximately 97,170 gallons of water (approximately 75,360 gallons from the sump northeast of the Industrial Landfill, 5,430 gallons from the containment cell areas, and 16,380 gallons from the Process Water lagoon underdrain) were transferred to the site's Waste Water Treatment Plant WWTP for treatment.

II. Analytical Data

Analytical results received during the month of December for the Massena Superfund Site include the following:

- Table 1 – Summary of Outfall 002 Water Sampling Analytical Results.
- Table 2 – Summary of Outfall 004 Water Sampling Analytical Results.
- Table 3 – Summary of PDI Soil PCB Analytical Results.
- Table 4 – Summary of PDI Soil Phenol Analytical Results

Results are provided in the tables in Attachment 1.

III. Project Tasks Scheduled for the Coming Month (January 2011)

During January, MLC will complete the initial phase of work associated with the *Pre-Design Investigation for Operable Units 1 and 2* and continue drilling for the Aquifer Hydraulic Testing.

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USEPA Unilateral Administrative Orders Nos. II CERCLA - 20207 & 20215

IV. Project Status, Delays and Recovery Plans

The following table summarizes submittals made during the month, submittals responded to during the month, and submittals which continue to be under review.

<u>Submitted to EPA / NYSDEC</u>	<u>Date</u>
None	-
<u>Previously Submitted to EPA – Pending Comment or Approval</u>	
Draft Remedial Action Waste Management Plan	January 7, 2010
Draft Preliminary Remedial Design / Remedial Action Work Plan Combined East Disposal Area and Industrial Landfill	February 8, 2010
Draft Preliminary Remedial Design/Remedial Action Work Plan for the North Disposal Area and Active/Inactive Lagoons for the Central Foundry Site, Massena, NY	March 8, 2010
Draft Preliminary Remedial Design/Remedial Action Work Plan Groundwater Collection and Treatment System	March 8, 2010
Draft Preliminary Remedial Design/Remedial Action Work Plan for the Combined East Disposal Area and Industrial Landfill for the Central Foundry Site	April 7, 2010
<u>Comments/Approvals Received from EPA/NYSDEC during the current Reporting Month</u>	
None	-

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Former Central Foundry Massena Superfund Site - Operable Units 1 & 2
USEPA Unilateral Administrative Orders Nos. II CERCLA - 20207 & 20215

ATTACHMENT 1

Analytical Data

Table 1
Summary of Outfall 002 Water Sampling Analytical Results
Former Central Foundry Massena Superfund Site, New York

PCBs EPA 608 - Hexane Extractable EPA 413.1 - Total Suspended Solids EPA 160.2 - Metals EPA 200.7

#	Sample ID	Date Sampled	Polychlorinated Biphenyls (PCBs) EPA 608			Hexane Extractable (Oil & Grease) EPA 1664A			Total Suspended Solids (TSS) EPA 160.2				Metals USEPA 200.7			
			Detection Limit (ug/l)	Analytical Results (ug/l)	SPDES Permit Limits (ug/l)	Detection Limit (mg/l)	Analytical Results (mg/l)	SPDES Permit Limits (mg/l)	Detection Limit (mg/l)	Analytical Results (mg/l)	SPDES Permit Limits (mg/l)	Aluminum (mg/l)	SPDES Permit Limits (mg/l)	Iron (mg/l)	SPDES Permit Limits (mg/l)	
1	13296	2-Dec-08	0.0526	U	0.3	1.0	3.20	15	1.00	< 1.00	50	0.0560	see note 1, below	0.0600	see note 1, below	
2	-	No sample collected during January due to frozen conditions.														
3	13347	12-Feb-09	0.0532	U	0.3	1.0	6.30	15	1.00	4.30	50	1.12	see note 1, below	1.16	see note 1, below	
4	13382	12-Mar-09	0.0515	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	0.0646	see note 1, below	0.130	see note 1, below	
5	13406	2-Apr-09	0.0515	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.217	see note 1, below	
6	13433	21-May-09	0.0510	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.0848	see note 1, below	
7	-	No stormwater runoff at Outfall when checked														
8	13529	6-Aug-09	0.0515	U	0.3	1.00	< 1.00	15	1.00	2.00	50	0.0748	see note 1, below	0.2340	see note 1, below	
9	13564	15-Sep-09	0.0521	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.0885	see note 1, below	
10	13598	8-Oct-09	0.0520	U	0.3	1.00	2.30	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.1430	see note 1, below	
11	13632	3-Nov-09	0.0515	U	0.3	1.00	7.70	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.1880	see note 1, below	
12	13667	3-Dec-09	0.0515	U	0.3	1.00	< 1.00	15	1.00	3.60	50	0.3550	see note 1, below	0.3790	see note 1, below	
13	13700	7-Jan-10	0.0500	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.1640	see note 1, below	
14	13730	2-Feb-10	0.0500	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.0745	see note 1, below	
15	13765	1-Mar-10	0.0526	U	0.3	1.00	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	< 0.0500	see note 1, below	
16	13795	8-Apr-10	0.0532	U	0.3	1.0	< 1.00	15	1.00	1.00	50	< 0.0500	see note 1, below	0.188	see note 1, below	
17	13828	6-May-10	0.0526	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.188	see note 1, below	
18	13859	3-Jun-10	0.0500	U	0.3	1.0	2.30	15	1.00	4.50	50	< 0.0500	see note 1, below	< 0.0500	see note 1, below	
19	13900	1-Jul-10	0.0505	U	0.3	1.0	2.10	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.420	see note 1, below	
20	13931	5-Aug-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	1.10	50	0.0612	see note 1, below	0.149	see note 1, below	
21	13963	30-Sep-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	3.00	50	< 0.0500	see note 1, below	0.235	see note 1, below	
22	14000	1-Oct-10	0.0500	U	0.3	1.0	2.30	15	1.00	1.70	50	0.2030	see note 1, below	0.286	see note 1, below	
23	14031	4-Nov-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	< 0.0500	see note 1, below	0.350	see note 1, below	
24	14060	2-Dec-10	0.0510	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	0.0763	see note 1, below	0.1050	see note 1, below	

Notes:

- 1). There is no effluent limit on metals for the SPDES Permit.
- 2). Analyses performed by Analytix Corporation, Inc.

Table 2
Summary of Outfall 004 Water Sampling Analytical Results
Former Central Foundry Massena Superfund Site, New York

PCBs EPA 608 - Hexane Extractable EPA 1664A - Total Suspended Solids EPA 160.2 - Metals EPA 200.7

#	Sample ID	Date Sampled	Polychlorinated Biphenyls (PCBs) EPA 608				Oil & Grease (Hexane Extractable) EPA 1664A				Total Suspended Solids (TSS) EPA 160.2				Metals USEPA 200.7			
			Detection Limit (ug/l)	Analytical Results (ug/l)	SPDES Permit Limits (ug/l)	Detection Limit (mg/l)	Analytical Results (mg/l)	SPDES Permit Limits (mg/l)	Detection Limit (mg/l)	Analytical Results (mg/l)	SPDES Permit Limits (mg/l)	Detection Limit (mg/l)	Analytical Results (mg/l)	SPDES Permit Limits (mg/l)	Aluminum (mg/l)	SPDES Permit Limits (mg/l)	Iron (mg/l)	SPDES Permit Limits (mg/l)
1	-	No sample collected during January due to frozen conditions.																
2	13348	02-Feb-09	0.0500	U	0.3	1.0	2.30	15	1.00	1.60	50	1.00	1.60	see note 1. below	0.130	see note 1. below	0.152	see note 1. below
3	13383	11-Mar-09	0.0500	U	0.3	1.0	< 1.00	15	1.00	4.40	50	1.00	4.40	see note 1. below	0.129	see note 1. below	0.177	see note 1. below
4	13407	02-Apr-09	0.0510	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	1.00	< 1.00	see note 1. below	< 0.0500	see note 1. below	0.311	see note 1. below
5	13434	21-May-09	0.0521	U	0.3	1.0	< 1.00	15	1.00	5.70	50	1.00	5.70	see note 1. below	< 0.0500	see note 1. below	2.75	see note 1. below
6	13469	30-Jun-09	0.0515	U	0.3	1.0	< 1.00	15	1.00	28.50	50	1.00	28.50	see note 1. below	< 0.0500	see note 1. below	10.80	see note 1. below
7	13530	06-Aug-09	0.0510	U	0.3	1.0	< 1.00	15	1.00	12.60	50	1.00	12.60	see note 1. below	< 0.0500	see note 1. below	4.74	see note 1. below
8	13565	15-Sep-09	0.0521	U	0.3	1.0	2.30	15	1.00	4.40	50	1.00	4.40	see note 1. below	< 0.0500	see note 1. below	7.59	see note 1. below
9	13599	13-Oct-09	0.0510	U	0.3	1.0	< 1.00	15	1.00	7.80	50	1.00	7.80	see note 1. below	< 0.0500	see note 1. below	3.44	see note 1. below
10	13633	03-Nov-09	0.0515	U	0.3	1.0	< 1.00	15	1.00	1.10	50	1.00	1.10	see note 1. below	< 0.0500	see note 1. below	0.489	see note 1. below
11	13668	03-Dec-09	0.0521	U	0.3	1.0	< 1.00	15	1.00	4.00	50	1.00	4.00	see note 1. below	0.8130	see note 1. below	0.868	see note 1. below
12	13701	07-Jan-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	2.50	50	1.00	2.50	see note 1. below	< 0.0500	see note 1. below	1.00	see note 1. below
13	13731	02-Feb-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	3.30	50	1.00	3.30	see note 1. below	< 0.0500	see note 1. below	1.29	see note 1. below
14	13766	04-Mar-10	0.0526	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	1.00	< 1.00	see note 1. below	< 0.0500	see note 1. below	0.162	see note 1. below
15	13796	08-Apr-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	4.00	50	1.00	4.00	see note 1. below	< 0.0500	see note 1. below	1.44	see note 1. below
16	13829	06-May-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	3.50	50	1.00	3.50	see note 1. below	< 0.0500	see note 1. below	1.00	see note 1. below
17	13860	03-Jun-10	0.0500	U	0.3	1.0	1.10	15	1.00	5.80	50	1.00	5.80	see note 1. below	0.0641	see note 1. below	1.46	see note 1. below
18	13901	01-Jul-10	0.0505	U	0.3	1.0	< 1.00	15	1.00	7.20	50	1.00	7.20	see note 1. below	< 0.0500	see note 1. below	3.650	see note 1. below
19	13144	01-Jul-08	0.0543	U	0.3	1.0	< 1.00	15	1.00	17.80	50	1.00	17.80	see note 1. below	< 0.0500	see note 1. below	7.10	see note 1. below
20	13932	26-Aug-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	14.20	50	1.00	14.20	see note 1. below	< 0.0500	see note 1. below	5.210	see note 1. below
21	13964	30-Sep-10	0.0500	U	0.3	1.0	< 1.00	15	1.00	6.40	50	1.00	6.40	see note 1. below	< 0.0500	see note 1. below	2.430	see note 1. below
22	14001	1-Oct-10	0.0500	U	0.3	1.0	3.50	15	1.00	1.70	50	1.00	1.70	see note 1. below	0.1520	see note 1. below	0.221	see note 1. below
23	14032	04-Nov-10	0.0515	U	0.3	1.0	< 1.00	15	1.00	2.00	50	1.00	2.00	see note 1. below	< 0.0500	see note 1. below	0.075	see note 1. below
24	14061	02-Dec-10	0.0510	U	0.3	1.0	< 1.00	15	1.00	< 1.00	50	1.00	< 1.00	see note 1. below	< 0.0500	see note 1. below	0.236	see note 1. below

Notes:.

1). There is no effluent limit on metals for the SPDES Permit.

2). Analyses performed by Analytics Corporation, Inc.

Table 3
Summary of PDI Soil Analytical Results
MLC Massena Superfund Site, New York
PCBs EPA Method SW-846 8082

Sample Count	Sample Date	Sample ID	PCB Analytical Result
1	11/24/2010	RB-112410	ND
2	12/1/2010	IL-13-(7-8)-120110	H
3	12/1/2010	IL-22-(6-8)-120110	H
4	12/1/2010	AL-9-(5-6)-120110	0.024 J
5	12/1/2010	AL-9-(6-8)-120110	H
6	12/1/2010	AL-9-(8-10)-120110	H
7	12/1/2010	RB-120110	ND
8	12/2/2010	AL-3-(0-2)-120210	0.14
9	12/2/2010	AL-3-(2-4)-120210	0.1
10	12/2/2010	AL-3-(4-6)-120210	ND
11	12/2/2010	AL-3-(6-8)-120210	H
12	12/2/2010	AL-3-(8-10)-120210	H
13	12/2/2010	NDA-42-(8-10)-120210	ND
14	12/2/2010	NDA-42-(10-12)-120210	ND
15	12/2/2010	BD-120210 [NDA-42-(10-12)-120210]	ND
16	12/2/2010	NDA-42-(12-14)-120210 (MS/MSD)	ND
17	12/2/2010	NDA-42-(14-16)-120210	ND
18	12/2/2010	NDA-42-(16-18)-120210	H
19	12/2/2010	NDA-42-(18-20)-120210	H
20	12/2/2010	NDA-18-(0-2)-120210	4.71
21	12/2/2010	NDA-18-(2-4)-120210	1.3
22	12/2/2010	NDA-18-(4-6)-120210	0.1
23	12/2/2010	NDA-18-(6-8)-120210	H
24	12/2/2010	NDA-18-(8-10)-120210	H
25	12/2/2010	NDA-18-(12-14)-120210	3.3
26	12/2/2010	NDA-18-(14-16)-120210	0.057
27	12/2/2010	NDA-18-(16-18)-120210	H
28	12/2/2010	NDA-18-(18-20)-120210	H
29	12/3/2010	RB-120210	ND
30	12/3/2010	NDA-21-(0-2)-120310	66
31	12/3/2010	NDA-21-(2-4)-120310	1
32	12/3/2010	NDA-21-(4-6)-120310	1.4
33	12/3/2010	NDA-21-(11-12)-120310	4.8
34	12/3/2010	NDA-21-(12-13)-120310	H
35	12/3/2010	NDA-21-(13-14)-120310	H
36	12/3/2010	NDA-21-(14-16)-120310	0.2
37	12/6/2010	NDA-21-(16-18)-120610	2.7
38	12/6/2010	NDA-21-(18-20)-120610	H
39	12/6/2010	NDA-21-(20-22)-120610	H
40	12/6/2010	NDA-5A-(0-2)-120610	24
41	12/6/2010	NDA-5A-(2-4)-120610	4.3
42	12/6/2010	NDA-5A-(4-6)-120610	2.5
43	12/6/2010	NDA-5A-(6-8)-120610	H
44	12/6/2010	NDA-5A-(8-10)-120610	H
45	12/6/2010	BD-120610 [NDA-21-(20-22)-120610]	H
46	12/7/2010	NDA-16A-(0-2)-120710	2
47	12/7/2010	NDA-16A-(2-4)-120710	1
48	12/7/2010	NDA-16A-(4-6)-120710	0.030 J
49	12/7/2010	NDA-16A-(6-8)-120710	H
50	12/7/2010	NDA-16A-(8-10)-120710	H
51	12/7/2010	NDA-16A-(18-20)-120710	ND
52	12/7/2010	NDA-3-(6-8)-120710	2.2
53	12/7/2010	NDA-3-(8-10)-120710	13.58

Table 3
Summary of PDI Soil Analytical Results
MLC Massena Superfund Site, New York
PCBs EPA Method SW-846 8082

Sample Count	Sample Date	Sample ID	PCB Analytical Result
54	12/7/2010	NDA-3-(10-12)-120710	3.4
55	12/7/2010	NDA-3-(12-14)-120710	H
56	12/7/2010	NDA-3-(14-16)-120710	H
57	12/7/2010	NDA-5B-(32-34)-120710	H
58	12/7/2010	NDA-5B-(28-30)-120710	0.49
59	12/7/2010	NDA-5B-(30-32)-120710	H
60	12/7/2010	BD-120710 [NDA-5B-(28-30)-120710]	0.082
61	12/7/2010	RB-120710	0.12
62	12/8/2010	NDA-16B-(20-22)-120810	0.21
63	12/8/2010	NDA-16B-(22-24)-120810	H
64	12/8/2010	NDA-16B-(24-26)-120810	H
65	12/8/2010	RB-120810	0.14
66	12/8/2010	BD-120810 [NDA-37B-(24-26)-120810]	H
67	12/8/2010	NDA-37B-(16-18)-120810	ND
68	12/8/2010	NDA-37B-(18-20)-120810	ND
69	12/8/2010	NDA-37B-(20-22)-120810	0.020 J
70	12/8/2010	NDA-37B-(22-24)-120810	H
71	12/8/2010	NDA-37B-(24-26)-120810	H
72	12/8/2010	NDA-20-(2-4)-120810	8.9
73	12/8/2010	NDA-20-(4-6)-120810	3.8
74	12/8/2010	NDA-20-(6-8)-120810	1.1
75	12/8/2010	NDA-20-(8-10)-120810	26.3
76	12/8/2010	NDA-20-(10-12)-120810	21
77	12/8/2010	NDA-20-(12-14)-120810	ND
78	12/8/2010	NDA-20-(14-16)-120810	H
79	12/8/2010	NDA-20-(16-18)-120810	H
80	12/9/2010	BD-120910 [NDA-15-(2-4)-120910]	9.5
81	12/9/2010	NDA-15-(2-4)-120910	9.4
82	12/9/2010	NDA-4-(4-6)-120910	4.8
83	12/9/2010	NDA-4-(6-8)-120910	31
84	12/9/2010	NDA-4-(8-10)-120910	230
85	12/9/2010	NDA-4-(10-12)-120910	H
86	12/9/2010	NDA-4-(12-14)-120910	H
87	12/9/2010	NDA-4-(27-29)-120910	4.3
88	12/9/2010	NDA-4-(29-31)-120910	H
89	12/9/2010	NDA-4-(31-33)-120910	H
90	12/9/2010	RB-121010-1	0.33
91	12/10/2010	RB-121010-2	0.069
92	12/10/2010	NDA-11A-(0-2)-121010	140
93	12/10/2010	NDA-11A-(2-4)-121010	219.9
94	12/10/2010	NDA-11A&B-(4-6)-121010	1600
95	12/10/2010	NDA-11B-(6-8)-121010	H
96	12/10/2010	NDA-11B-(8-10)-121010	H
97	12/10/2010	NDA-11B-(32-32.5 & 33.5-34)-121010	13
98	12/10/2010	NDA-11B-(34-36)-121010	H
99	12/10/2010	NDA-11B-(36-38)-121010	H
100	12/10/2010	NDA-11B-(38-40)-121010	H
101	12/10/2010	AL-1-(0-2)-121010	2.87
102	12/10/2010	AL-1-(2-4)-121010	4.67
103	12/10/2010	AL-1-(4-6)-121010	3.16
104	12/10/2010	AL-1-(6-8)-121010	H
105	12/10/2010	AL-4-(0-2)-121010	1.12
106	12/10/2010	AL-4-(2-4)-121010	11.98

Table 3
Summary of PDI Soil Analytical Results
MLC Massena Superfund Site, New York
PCBs EPA Method SW-846 8082

Sample Count	Sample Date	Sample ID	PCB Analytical Result
107	12/10/2010	AL-4-(4-6)-121010	0.49
108	12/10/2010	AL-4-(6-8)-121010	H
109	12/13/2010	BD-1-121310 [NDA-44-(18-20)-121310]	7.75
110	12/13/2010	BD-2-121310 [NDA-22-(4-6)-121310]	6.92
111	12/13/2010	NDA-22-(0-2)-121310	0.024 J
112	12/13/2010	NDA-22-(2-4)-121310	2.6
113	12/13/2010	NDA-22-(4-6)-121310	0.71
114	12/13/2010	NDA-44-(16-18)-121310	2.7
115	12/13/2010	NDA-44-(18-20)-121310	0.016 J
116	12/13/2010	NDA-44-(20-22)-121310	2.7
117	12/13/2010	NDA-44-(22-24)-121310	0.023 J
118	12/13/2010	NDA-44-(24-26)-121310	H
119	12/13/2010	NDA-44-(26-28)-121310	H
120	12/13/2010	NDA-45-(16-18)-121310	0.791 J
121	12/13/2010	NDA-45-(18-20)-121310	ND
122	12/13/2010	NDA-45-(20-22)-121310	ND
123	12/13/2010	NDA-45-(22-24)-121310	ND
124	12/13/2010	NDA-45-(24-26)-121310	H
125	12/13/2010	NDA-45-(26-28)-121310	H
126	12/13/2010	AL-4-(7.5-8)-121310	H
127	12/13/2010	AL-4-(8-10)-121310	H
128	12/13/2010	RB-121310	ND
129	12/14/2010	RB-121410	ND
130	12/14/2010	BD-121410 [NDA-43-(18-20)-121410]	H
131	12/14/2010	AL-1-(8-10)-121410	H
132	12/14/2010	NDA-35-(28-30)-121410	ND
133	12/14/2010	NDA-35-(30-32)-121410	ND
134	12/14/2010	NDA-35-(32-34)-121410	ND
135	12/14/2010	NDA-35-(34-36)-121410	0.057
136	12/14/2010	NDA-43-(8-10)-121410	ND
137	12/14/2010	NDA-43-(10-12)-121410	0.029 J
138	12/14/2010	NDA-43-(12-14)-121410	0.064
139	12/14/2010	NDA-43-(14-16)-121410	0.044
140	12/14/2010	NDA-43-(16-18)-121410	H
141	12/14/2010	NDA-43-(18-20)-121410	H
142	12/14/2010	IL-14-(0-2)-121410	2.3
143	12/14/2010	IL-14-(2-4)-121410	28
144	12/14/2010	IL-14-(4-6)-121410	H
145	12/14/2010	NDA-26-(0-2)-121410	2.3
146	12/14/2010	NDA-26-(2-4)-121410	2.7
147	12/14/2010	NDA-26-(4-6)-121410	2.3
148	12/14/2010	IL-20-(0-2)-121410	1.2
149	12/14/2010	IL-20-(2-4)-121410	1.1
150	12/14/2010	IL-20-(4-6)-121410	1.8
151	12/14/2010	IL-20-(6-7)-121410	16
152	12/15/2010	RB-121510	ND
153	12/15/2010	NDA-9-(12-14)-121510	H
154	12/15/2010	NDA-9-(14-16)-121510	H
155	12/15/2010	NDA-9-(16-18)-121510	0.1
156	12/15/2010	NDA-9-(18-20)-121510	29
157	12/15/2010	NDA-9-(20-22)-121510	ND

Table 3
Summary of PDI Soil Analytical Results
MLC Massena Superfund Site, New York
PCBs EPA Method SW-846 8082

Sample Count	Sample Date	Sample ID	PCB Analytical Result
158	12/15/2010	NDA-9-(22-24)-121510	H
159	12/15/2010	NDA-9-(24-26)-121510	H
160	12/15/2010	IL-23-(0-2)-121510	7.5
161	12/15/2010	IL-23-(2-4)-121510	15
162	12/15/2010	IL-23-(4-6)-121510	12
163	12/15/2010	IL-23-(6-8)-121510	27
164	12/15/2010	IL-31-(0-2)-121510	H
165	12/15/2010	IL-31-(2-4)-121510	H
166	12/15/2010	IL-31-(4-6)-121510	H
167	12/16/2010	IL-14-(7-8)-121610	30.4
168	12/16/2010	IL-14-(8-10)-121610	H
169	12/16/2010	IL-14-(10-12)-121610	H
170	12/16/2010	IL-14-(12-14)-121610	H
171	12/16/2010	IL-14-(14-16)-121610	H
172	12/16/2010	IL-20-(7-8)-121610	ND
173	12/16/2010	IL-20-(8-10)-121610	H
174	12/16/2010	IL-20-(10-12)-121610	H
175	12/16/2010	IL-20-(12-14)-121610	H
176	12/16/2010	IL-20-(14-16)-121610	H
177	12/16/2010	NDA-10-(15-17)-121610	0.024 J
178	12/16/2010	NDA-10-(17-19)-121610	H
179	12/16/2010	NDA-10-(19-21)-121610	H
180	12/16/2010	NDA-10-(21-23)-121610	H
181	12/16/2010	NDA-10-(23-25)-121610	H
182	12/16/2010	NDA-10-(28-30)-121610	0.5
183	12/16/2010	NDA-10-(30-32)-121610	H
184	12/16/2010	NDA-10-(32-34)-121610	H
185	12/16/2010	RB-121610	0.076
186	12/16/2010	RB-121710	ND
187	12/17/2010	NDA-22-(5.5-6)-121710	H
188	12/17/2010	NDA-22-(6-8)-121710	32
189	12/17/2010	NDA-22-(8-10)-121710	H
190	12/17/2010	NDA-22-(10-12)-121710	H
191	12/17/2010	NDA-22-(18-20)-121710	478
192	12/17/2010	NDA-22-(20-22)-121710	H
193	12/17/2010	NDA-22-(22-24)-121710	H
194	12/17/2010	NDA-22-(24-26)-121710	H
195	12/17/2010	NDA-22-(26-27)-121710	H
196	12/17/2010	NDA-26-(6-8)-121710	4.34
197	12/17/2010	NDA-26-(8-10)-121710	H
198	12/17/2010	NDA-26-(10-12)-121710	H
199	12/17/2010	NDA-26-(12-14)-121710	H
200	12/17/2010	NDA-26-(14-16)-121710	H
201	12/17/2010	NDA-26-(16-18)-121710	H
202	12/17/2010	NDA-26-(18-20)-121710	H
203	12/20/2010	BD-121710-1 [NDA-22-(6-8)-121710]	16.1
204	12/20/2010	BD-121710-2 [NDA-22-(20-22)-121710]	H
205	12/20/2010	RB-122010	ND
206	12/20/2010	IL-23-(6.5-8)-122010	H
207	12/20/2010	IL-23-(8-10)-122010	H
208	12/20/2010	IL-23-(10-12)-122010	H
209	12/20/2010	IL-23-(12-14)-122010	0.045
210	12/20/2010	IL-23-(14-16)-122010	H

Table 3
Summary of PDI Soil Analytical Results
MLC Massena Superfund Site, New York
PCBs EPA Method SW-846 8082

Sample Count	Sample Date	Sample ID	PCB Analytical Result
211	12/20/2010	IL-23-(16-18)-122010	H
212	12/20/2010	IL-31-(15-17)-122010	H
213	12/20/2010	IL-31-(17-19)-122010	H
214	12/20/2010	IL-31-(19-21)-122010	H
215	12/20/2010	IL-31-(21-23)-122010	H
216	12/20/2010	IL-31-(23-25)-122010	H
217	12/20/2010	RB-122010	ND
218	12/21/2010	NDA-14-(22-24)-122110	H
219	12/21/2010	NDA-14-(24-26)-122110	H
220	12/21/2010	NDA-14-(26-28)-122110	H
221	12/21/2010	NDA-14-(28-30)-122110	H
222	12/21/2010	NDA-14-(30-32)-122110	0.028 J
223	12/21/2010	NDA-14-(32-34)-122110	ND
224	12/21/2010	NDA-14-(34-36)-122110	13
225	12/21/2010	NDA-14-(36-38)-122110	H
226	12/21/2010	NDA-14-(38-40)-122110	H
227	12/21/2010	NDA-14-(40-42)-122110	0.1
228	12/21/2010	NDA-14-(42-44)-122110	0.072
229	12/21/2010	NDA-14-(44-46)-122110	H
230	12/21/2010	NDA-14-(46-48)-122110	H
231	12/21/2010	BD-122110 [NDA-14-(26-28)-12210	H
232	12/21/2010	RB-122110	ND
233	12/22/2010	RB-122110	ND
234	12/22/2010	NDA-13-(30-32)-122210	0.28
235	12/22/2010	NDA-13-(32-34)-122210	ND
236	12/22/2010	NDA-13-(34-36)-122210	0.39
237	12/22/2010	NDA-13-(36-38)-122210	H
238	12/22/2010	NDA-13-(38-40)-122210	H
239	12/22/2010	NDA-13-(40-42)-122210	0.16
240	12/22/2010	NDA-13-(42-44)-122210	0.058
241	12/22/2010	NDA-13-(44-46)-122210	H
242	12/22/2010	NDA-13-(46-48)-122210	H

Notes: Sample IDs are based on sample location, interval below ground surface, and date collected.

1 - For blind duplicate samples, parent samples are listed in brackets.

2 - "H" means that sample is being held. "ND" means Non-detection.

3 - All results should be considered preliminary until final report is issued.

Table 4
Summary of PDI Soil and QA/QC Analytical Results
MLC Massena Superfund Site, New York
Phenols EPA Method SW-846 9065

Sample Count	Sample Date	Sample ID	Phenol Analytical Result (mg/kg for soil and mg/L for water)
1	11/16/2010	NDA-39-(12-14)-(11-16-10)	ND
2	11/17/2010	RB-(11-17-10)	ND
3	11/18/2010	RB-(11-18-10)	0.023 B, J
4	12/1/2010	RB-120110	ND
5	12/3/2010	RB-120210	ND
6	12/7/2010	RB-120710	0.023 B
7	12/8/2010	RB-120810	ND
8	12/9/2010	RB-121010-1	ND
9	12/10/2010	RB-121010-2	ND
10	12/10/2010	AL-4-(0-2)-121010	0.77 B
11	12/10/2010	AL-4-(2-4)-121010	1.2 B
12	12/10/2010	AL-4-(4-6)-121010	0.46 B
13	12/13/2010	RB-121310	ND
14	12/14/2010	RB-121410	0.006 B
15	12/15/2010	RB-121510	0.011 B
16	12/16/2010	RB-121610	0.037 B
17	12/16/2010	RB-121710	0.013 B
18	12/20/2010	RB-122010	0.008 B
19	12/20/2010	RB-122010	0.016 B
20	12/21/2010	RB-122110	ND
21	12/22/2010	RB-122110	ND

Notes:

- 1 - Sample IDs are based on sample location, interval below ground surface, and date collected.
- 2 - For blind duplicate samples, parent samples are listed in brackets.
- 3 - "B" is an estimated results less than the reporting limit. "ND" means Non-detection.
- 4 - All results should be considered preliminary until final report is issued.
- 5 - "J" means method blank contamination. The associated method blank contains the target analyte at a reportable level.

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