EPA Region 5 Records Ctr.
314043

Weyerhaeuser

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March 28, 2008

Mr. Sam Chummar, Remedial Project Manager
U.S. Environmental Protection Agency - Region 5
Superfund Division - Remedial Response Branch #1
77 W. Jackson Blvd. (SR-6J)
Chicago, IL 60604

Subject: Revised Progress Report No. 16 (December 8, 2007 through January 19, 2008)
Remedial Investigation Feasibility Study
Plainwell Inc. Mill Property, Plainwell, Michigan

Dear Mr. Chummar:

Please replace the original Progress Report 16 for the period December 8, 2007, through January 19, 2008, for the above referenced site that was sent to you on January 30, 2008, with this revised version. This revision includes the correct text and laboratory data for the fill soils placed on site. This replacement meets the requirements of Task 8, Progress Reports, in the Statement of Work for the RI/FS at the Plainwell Mill, Inc., Mill Property.

Three hard copies have also been sent to Paul Bucholtz in the mail. Please contact me at 253-924-3746 if you have any questions.

Sincerely,
Weyerhaeuser Company

Jennifer Hale

Jennifer Hale
Environmental Manager

cmk/enclosures

cc: Paul Bucholtz, MDEQ
Erik Wilson, City of Plainwell
Kathy Huibregtse, RMT, Inc.
Jim Hutchens, RMT, Inc.

Revised Progress Report No. 16
December 8, 2007, through January 19, 2008

Remedial Investigation and Feasibility Study
Plainwell, Inc., Mill Property, Plainwell, Michigan

This revised progress report is being submitted in accordance with Task 8, *Progress Reports*, and the *Schedule for Major Deliverables* contained in the Statement of Work for the RI/FS at the Plainwell, Inc., Mill Property.

1. Operable Unit 7 – Plainwell Mill Site

Summary of Activities Undertaken in Support of the Community Relations Plan (completed during the current reporting period and anticipated during the next period):

- No activities were undertaken during the current reporting period, and none are anticipated during the next period.

Summary of Any Modifications to the Work Plans or Other Schedules Proposed To, or Approved By, the USEPA:

- The Final Emergency Action Design Report with comments was submitted on January 11, 2008. Weyerhaeuser is awaiting comments from the USEPA and MDEQ.
- Based upon discussions with the RPM, comments on the work plan are expected from USEPA and MDEQ within the next reporting period (February).

2. Operable Unit 5 – Plainwell Mill Banks - Kalamazoo River

Activities performed as part of the Emergency Action on the Plainwell Mill Banks during the current reporting period included:

- Removal of residual material along the mill banks continued from Zone A through Zone B as shown on the attached figure. Soils were removed in a manner to minimize turbidity by excavating toward shore, with as minimal disturbance as possible. As of January 19, 2008, approximately 2,500 cubic yards of material has been removed and placed within the dewatering pad.
- Due to the potential instability of the bank, imported fill material was placed as described in the design report if necessary with "river run" rock placed at the River/bank interface to minimize erosion of the bank.

Summary of Data Collected During the Current Reporting Period:

- Turbidity monitoring was performed with the in-place Sonde units. Results during construction activities are summarized on the attached Table 1. During excavation activities on December 13, 2007, the average downstream turbidity levels were over the 2X upstream level. There was no visible turbidity leaving the area of the excavation. The silt curtains were inspected with no identifiable problems. None of the hourly averages exceeded 15 NTU. The following day had similar readings when no excavation was being performed in the river. Excavation rates have been adjusted to help minimize the turbidity levels.
- Water samples were collected weekly during construction activities adjacent to the Sonde units and were submitted for PCB analysis. No detectable PCB concentrations have been identified in any of the surface water samples.
- Confirmation samples were collected as shown on Figure 1 after residual removal. Any areas with total PCB concentration > 1 mg/kg were further excavated an additional 6 inches or to natural sand and gravel and re-sampled. Analytical results are summarized on Table 2.

- A composite sample of excavated residual material was collected and submitted for landfill acceptance. Results are summarized below. Results were also sent to Waste Management for review and acceptance into the Westside Landfill in Three Rivers, Michigan.

Residual Material – Containment Pad

Parameter	Analytical Result	Units
pH	7.1	pH units
Bariun	1.1	mg/L
Cadmium	0.011	mg/L
Lead	0.33	mg/L
PCB – 1248	0.81	mg/kg
Percent Solids	67	%

- A sample of the imported fill material was collected for analysis of PCBs and metals, results are attached. No analyzed organic constituents were detected and the metals concentrations were below Michigan 201 standards.

Summary of Problems Encountered During the Current Reporting Period:

- None.

Summary and Schedule of Work Anticipated During the Next Reporting Period:

- Weyerhaeuser plans to continue to implement the emergency action of the river banks. New silt curtains with heavier anchoring has been delivered to the site. After proper placement of the new curtain, work will begin at the most upstream end of Area D during the week of January 28, 2008. This area will likely be ready for collection of initial confirmation samples by January 31, 2008. We will continue to work downstream, towards the previously excavated banks as long as weather permits.

Anticipated Problems Associated with Work During the Next Period:

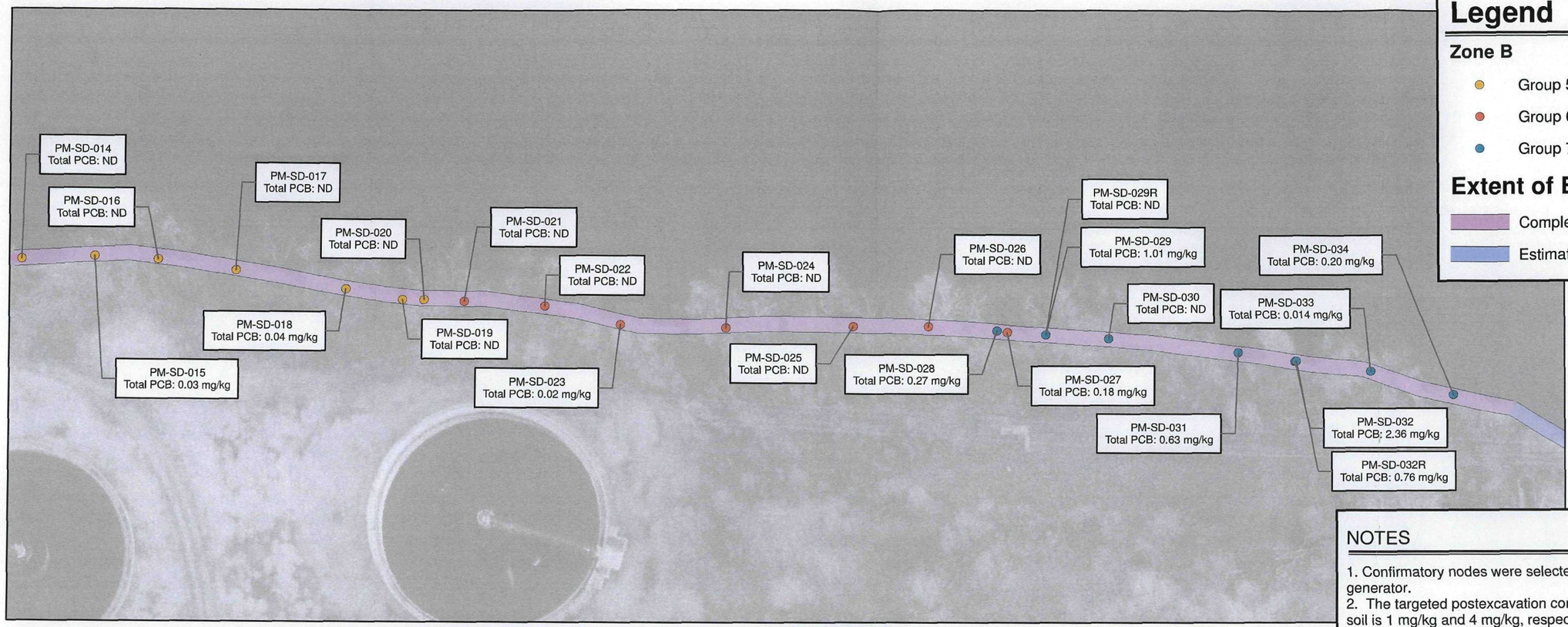
- None.

Planned Resolution of Past or Anticipated Problems:

- None are needed.

Other Relevant Information:

- None.



Legend

Zone B

- Group 5
- Group 6
- Group 7

Extent of Excavation

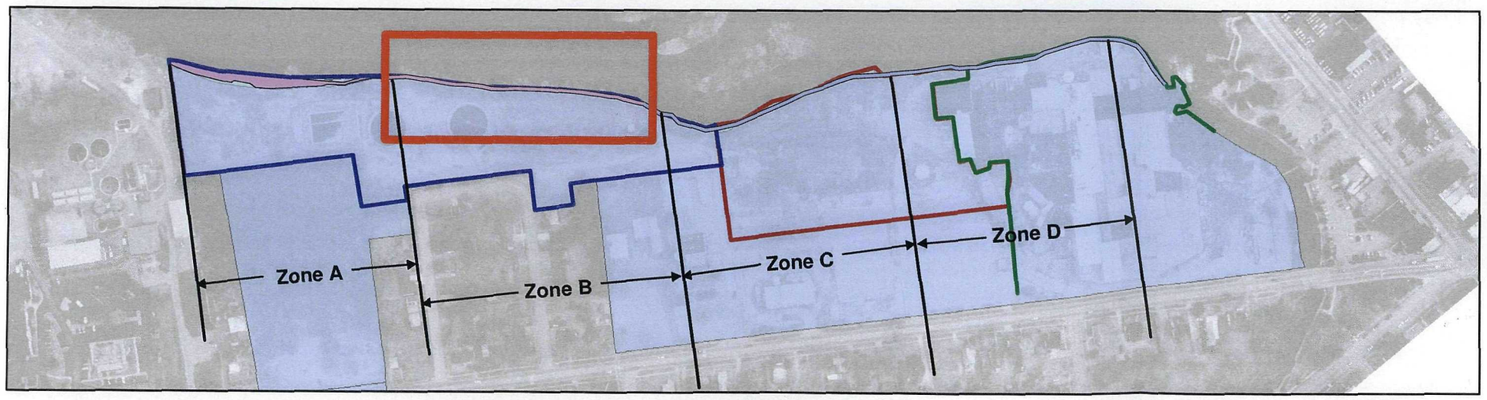
- Completed Excavation
- Estimated Area Remaining

NOTES

1. Confirmatory nodes were selected using a random number generator.
2. The targeted postexcavation concentration for sediment and soil is 1 mg/kg and 4 mg/kg, respectively.
3. All locations are approximate.
4. "R" After the sample name PM-SD-000R indicates the location was re-excavated and resampled.

0 12.5 25 50 Feet

1 inch equals 50 feet



PROJECT: WEYERHAEUSER COMPANY KALAMAZOO RIVER SUPERFUND SITE			
SHEET TITLE: ZONE B CONFIRMATORY SAMPLING LOCATIONS PLAINWELL MILL BANKS			
DRAWN BY: PYLKASE	SCALE: AS NOTED	PROJ. NO.: 00-05130.04	
CHECKED BY:		FILE NO.: 51300402	
APPROVED BY:	DATE PRINTED: 1/29/2008	FIGURE 1	
DATE: JANUARY 2008			

RMT

150 N. Patrick Blvd., Suite 180
Brookfield, WI 53045-5854

Phone: 262-879-1212
Fax: 262-879-1220

D:\05130\04\51300402.mxd 1/4/2008 11:57:08

TABLE 1

Plainwell Mill Turbidity Data

Date	Time	Upstream Hourly Average NTU	Downstream Hourly Average NTU	2X Upstream Hourly Average NTU	Comments
12/11/2007	12:00 AM	2.9	3.3	5.9	
	1:00 AM	2.9	3.3	5.8	
	2:00 AM	2.9	3.3	5.8	
	3:00 AM	3.0	3.4	6.0	
	4:00 AM	3.1	3.4	6.2	
	5:00 AM	3.2	3.5	6.4	
	6:00 AM	3.1	3.6	6.1	
	7:00 AM	3.5	3.7	6.9	
	8:00 AM	3.2	3.6	6.5	
	9:00 AM	3.3	3.6	6.7	Place Fill material and Rip Rap along Area A.
	10:00 AM	2.9	3.4	5.7	
	11:00 AM	2.9	4.2	5.8	
	12:00 PM	3.0	4.6	6.0	Move Turbidity units for Zone B
	1:00 PM	2.8	4.7	5.5	
	2:00 PM	2.8	3.9	5.5	Move Silt Curtains to Zone B1
	3:00 PM	2.9	4.9	5.7	
	4:00 PM	4.7	6.1	9.3	
	5:00 PM	4.5	7.1	9.0	
	6:00 PM	3.9	4.3	7.7	
	7:00 PM	4.6	3.3	9.1	
	8:00 PM	7.2	3.2	14.5	
	9:00 PM	6.0	4.2	12.0	
	10:00 PM	10.3	4.2	20.5	
	11:00 PM	5.2	5.6	10.4	
12/12/2007	12:00 AM	5.8	5.8	11.6	
	1:00 AM	6.3	8.7	12.7	
	2:00 AM	5.1	6.6	10.3	
	3:00 AM	5.7	7.4	11.4	
	4:00 AM	7.5	8.6	15.0	
	5:00 AM	7.4	12.9	14.8	
	6:00 AM	7.6	7.9	15.1	
	7:00 AM	8.8	9.9	17.7	
	8:00 AM	10.2	11.1	20.3	
	9:00 AM	12.4	12.0	24.9	
	10:00 AM	13.6	10.9	27.1	
	11:00 AM	19.4	12.3	38.9	Begin Excavation Area B1
	12:00 PM	11.1	12.5	22.2	
	1:00 PM	4.9	10.1	9.8	
	2:00 PM	5.9	12.8	11.8	
	3:00 PM	4.6	13.6	9.2	
	4:00 PM	5.1	16.2	10.2	
	5:00 PM	4.3	9.5	8.6	
	6:00 PM	3.7	8.3	7.5	
	7:00 PM	3.4	5.3	6.7	
	8:00 PM	3.2	4.6	6.4	
	9:00 PM	3.3	5.7	6.6	
	10:00 PM	3.5	4.4	7.0	
	11:00 PM	3.5	7.2	7.0	

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Plainwell Mill Turbidity Data

Date	Time	Upstream Hourly Average NTU	Downstream Hourly Average NTU	2X Upstream Hourly Average NTU	Comments
12/13/2007	12:00 AM	3.5	61.9	6.9	Complete Excavation Area B1
	1:00 AM	3.2	5.3	6.3	
	2:00 AM	3.4	5.7	6.8	
	3:00 AM	3.3	5.4	6.5	
	4:00 AM	3.3	4.8	6.5	
	5:00 AM	3.3	4.5	6.6	
	6:00 AM	3.2	5.1	6.3	
	7:00 AM	3.1	3.9	6.1	
	8:00 AM	3.0	6.5	6.0	
	9:00 AM	2.9	11.0	5.7	
	10:00 AM	2.9	9.8	5.7	
	11:00 AM	2.7	6.7	5.3	
	12:00 PM	2.4	4.5	4.9	
	1:00 PM	2.4	13.9	4.7	
	2:00 PM	2.4	7.9	4.7	
	3:00 PM	2.1	5.3	4.2	
	4:00 PM	2.1	3.6	4.1	
	5:00 PM	2.1	8.8	4.2	
	6:00 PM	2.0	4.4	4.0	
	7:00 PM	2.0	5.9	3.9	
	8:00 PM	1.9	4.8	3.8	
	9:00 PM	2.0	3.2	4.0	
	10:00 PM	2.0	5.9	3.9	
	11:00 PM	2.2	10.8	4.5	
12/14/2007	12:00 AM	2.3	5.7	4.5	No Equipment working in River Confirmation Sampling Area B1
	1:00 AM	2.2	49.9	4.4	
	2:00 AM	2.5	8.3	5.0	
	3:00 AM	2.3	21.9	4.7	
	4:00 AM	2.5	4.6	5.1	
	5:00 AM	2.5	6.7	5.0	
	6:00 AM	2.4	4.3	4.9	
	7:00 AM	2.5	5.7	5.1	
	8:00 AM	2.5	5.7	5.0	
	9:00 AM	2.6	11.5	5.2	
	10:00 AM	2.4	7.8	4.8	
	11:00 AM	2.3	3.4	4.5	
	12:00 PM	2.3	6.4	4.6	
	1:00 PM	2.2	4.3	4.4	
	2:00 PM	2.0	46.9	4.0	
	3:00 PM	2.0	2.9	4.0	
	4:00 PM	1.9	5.3	3.8	
	5:00 PM	2.0	7.3	4.0	
	6:00 PM	2.0	2.9	4.1	
	7:00 PM	2.1	3.2	4.2	
	8:00 PM	2.1	9.7	4.1	
	9:00 PM	2.2	6.9	4.3	
	10:00 PM	2.2	5.2	4.4	
	11:00 PM	2.3	67.4	4.6	

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Plainwell Mill Turbidity Data

Date	Time	Upstream Hourly Average NTU	Downstream Hourly Average NTU	2X Upstream Hourly Average NTU	Comments
12/17/2007	12:00 AM	2.4	3.2	4.8	Backfill Area B1
	1:00 AM	2.4	3.9	4.7	
	2:00 AM	2.3	5.4	4.7	
	3:00 AM	2.6	4.1	5.2	
	4:00 AM	2.7	4.1	5.4	
	5:00 AM	2.6	4.1	5.2	
	6:00 AM	2.5	5.1	5.0	
	7:00 AM	2.4	4.3	4.7	
	8:00 AM	2.4	3.2	4.9	
	9:00 AM	2.8	4.5	5.6	
	10:00 AM	2.8	5.9	5.7	
	11:00 AM	2.5	5.5	5.0	
	12:00 PM	2.5	4.5	5.0	
	1:00 PM	2.9	5.9	5.8	
	2:00 PM	2.6	3.3	5.1	
	3:00 PM	2.5	7.3	5.0	
	4:00 PM	2.9	5.0	5.8	
	5:00 PM	3.0	3.7	6.1	
	6:00 PM	3.2	5.2	6.4	
	7:00 PM	2.7	5.0	5.4	
	8:00 PM	2.1	7.1	4.2	
	9:00 PM	2.2	3.9	4.4	
	10:00 PM	2.2	3.6	4.4	
	11:00 PM	2.3	5.4	4.6	
12/18/2007	12:00 AM	2.3	4.0	4.7	Complete Backfilling Area B2
	1:00 AM	2.4	5.4	4.8	
	2:00 AM	2.3	3.8	4.7	
	3:00 AM	2.4	51.7	4.9	
	4:00 AM	2.3	8.7	4.6	
	5:00 AM	2.4	4.4	4.8	
	6:00 AM	2.2	4.8	4.5	
	7:00 AM	2.3	4.2	4.6	
	8:00 AM	2.5	6.9	4.9	
	9:00 AM	2.4	6.0	4.8	
	10:00 AM	2.7	6.9	5.5	
	11:00 AM	2.8	4.9	5.6	
	12:00 PM	2.6	7.5	5.2	
	1:00 PM	3.3	9.7	6.6	
	2:00 PM	2.5	5.0	5.0	
	3:00 PM	2.3	10.0	4.6	
	4:00 PM	2.5	12.8	5.0	
	5:00 PM	2.7	6.1	5.4	
	6:00 PM	2.4	10.8	4.9	
	7:00 PM	2.2	10.9	4.4	
	8:00 PM	2.1	6.6	4.2	
	9:00 PM	2.5	14.1	5.0	
	10:00 PM	2.0	4.5	4.1	
	11:00 PM	2.1	8.6	4.3	

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Plainwell Mill Turbidity Data

Date	Time	Upstream Hourly Average NTU	Downstream Hourly Average NTU	2X Upstream Hourly Average NTU	Comments
12/19/2007	12:00 AM	2.1	164.5	4.3	
	1:00 AM	2.0	3.8	4.1	
	2:00 AM	2.1	6.8	4.1	
	3:00 AM	2.0	8.6	4.0	
	4:00 AM	2.0	9.2	4.1	
	5:00 AM	2.1	4.7	4.2	
	6:00 AM	2.0	8.1	4.0	
	7:00 AM	2.1	4.9	4.1	
	8:00 AM	2.0	11.3	4.0	
	9:00 AM	2.3	3.5	4.5	No Equiment in River
	10:00 AM	2.2	23.9	4.4	
	11:00 AM	2.4	25.2	4.7	Confirmation Sampling Area B2
	12:00 PM	2.1	30.0	4.3	
	1:00 PM	2.1	8.6	4.2	Shut down for Holiday until January
	2:00 PM	1.9	4.9	3.9	
	3:00 PM	2.0	8.3	3.9	
	4:00 PM	2.4	10.1	4.7	
	5:00 PM	2.0	4.7	4.1	
	6:00 PM	2.2	8.4	4.4	
	7:00 PM	2.2	14.1	4.4	
	8:00 PM	2.4	24.0	4.7	
	9:00 PM	7.1	9.5	14.2	
	10:00 PM	2.7	5.8	5.3	
	11:00 PM	1009.4	11.3	2018.8	
1/2/2008	12:00 AM	3.8	3.5	7.6	
	1:00 AM	3.8	3.3	7.7	
	2:00 AM	4.3	3.4	8.7	
	3:00 AM	4.0	3.4	7.9	
	4:00 AM	4.0	3.4	8.0	
	5:00 AM	3.8	3.5	7.6	
	6:00 AM	3.9	3.6	7.8	
	7:00 AM	28.3	3.5	56.6	
	8:00 AM	3.2	3.6	6.4	
	9:00 AM	3.3	3.5	6.7	
	10:00 AM	3.1	3.4	6.3	
	11:00 AM	3.3	3.3	6.5	Remobilize to Site - No work in Rive
	12:00 PM	3.0	3.2	6.0	
	1:00 PM	2.7	3.2	5.4	
	2:00 PM	2.9	3.1	5.7	
	3:00 PM	3.0	3.3	5.9	
	4:00 PM	2.8	3.2	5.6	
	5:00 PM	2.6	3.0	5.3	
	6:00 PM	2.7	3.0	5.4	
	7:00 PM	2.6	2.9	5.2	
	8:00 PM	2.5	3.0	5.0	
	9:00 PM	2.6	2.9	5.2	
	10:00 PM	3.2	3.1	6.4	
	11:00 PM	3.7	3.1	7.3	

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Plainwell Mill Turbidity Data

Date	Time	Upstream Hourly Average NTU	Downstream Hourly Average NTU	2X Upstream Hourly Average NTU	Comments
1/3/2008	12:00 AM	2.7	3.0	5.5	Fill Area B2
	1:00 AM	2.7	3.2	5.4	
	2:00 AM	2.6	3.0	5.1	
	3:00 AM	2.8	3.1	5.6	
	4:00 AM	2.9	3.1	5.7	
	5:00 AM	2.7	3.2	5.4	
	6:00 AM	2.9	3.1	5.8	
	7:00 AM	2.9	3.1	5.9	
	8:00 AM	2.7	3.1	5.4	
	9:00 AM	3.1	3.2	6.2	
	10:00 AM	2.6	3.0	5.2	
	11:00 AM	2.7	2.9	5.4	
	12:00 PM	2.5	6.7	5.1	
	1:00 PM	2.8	11.3	5.7	
	2:00 PM	2.6	5.8	5.3	
	3:00 PM	2.6	13.9	5.1	
	4:00 PM	2.6	4.5	5.1	
	5:00 PM	2.6	3.5	5.2	
	6:00 PM	3.1	3.3	6.2	
	7:00 PM	2.4	3.2	4.8	
	8:00 PM	2.5	3.3	5.0	
	9:00 PM	2.6	3.0	5.3	
	10:00 PM	2.4	3.1	4.9	
	11:00 PM	2.6	3.1	5.1	
1/4/2008	12:00 AM	2.6	3.0	5.1	
	1:00 AM	2.7	3.1	5.4	
	2:00 AM	2.5	3.1	5.1	
	3:00 AM	2.8	3.1	5.5	
	4:00 AM	2.6	3.1	5.3	
	5:00 AM	2.7	3.1	5.4	
	6:00 AM	2.7	3.0	5.4	
	7:00 AM	2.5	3.1	5.1	Place Stone along River Bank
	8:00 AM	2.5	4.8	5.1	
	9:00 AM	2.5	3.1	5.0	Recalibrate and Move Sonde Units 1PM - 4PM
	10:00 AM	2.6	3.3	5.2	
	11:00 AM	52.9	6.1	105.9	
	12:00 PM	3.6	8.2	7.3	Move Silt Curtains to Area B3
	1:00 PM				
	2:00 PM				Heavy Rains forecasted for next few days - work shut down until flow recedes
	3:00 PM				
	4:00 PM				
	5:00 PM	1.4	2.2	2.7	
	6:00 PM	1.4	1.9	2.8	
	7:00 PM	1.6	1.9	3.2	
	8:00 PM	1.4	1.7	2.8	
	9:00 PM	1.5	1.9	2.9	
	10:00 PM	1.5	1.7	3.1	
	11:00 PM	1.5	1.6	3.1	

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Weyerhaeuser Analytical & Testing Services
32901 Weyerhaeuser Way South
Federal Way, WA 98003

Summary Report
Kalamazoo River RMT Sediment and Water
Method: EPA 8082

Client ID		PM-SD-14	PM-SD-15DL	PM-SD-16	PM-SD-17	PM-SD-18	PM-SD-19	PM-SD-20	PM-SD-21
Sample Date		12/13/07	12/13/07	12/13/07	12/13/07	12/13/07	12/13/07	12/13/07	12/20/07
Sample Time		10:55	11:09	11:20	11:28	11:39	11:44	12:10	8:35
Analyte	CAS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	12674-11-2	<0.0087	<0.0081	<0.0092	<0.0083	<0.0098	<0.0094	<0.0085	<0.0089
Aroclor-1221	11104-28-2	<0.0087	<0.0081	<0.0092	<0.0083	<0.0098	<0.0094	<0.0085	<0.0089
Aroclor-1232	11114-16-5	<0.0087	<0.0081	<0.0092	<0.0083	<0.0098	<0.0094	<0.0085	<0.0089
Aroclor-1242	53469-21-9	<0.0087	<0.0081	<0.0092	<0.0083	<0.0098	<0.0094	<0.0085	<0.0089
Aroclor-1248	12672-29-6	<0.0087	<0.0081	<0.0092	<0.0083	0.024	<0.0094	<0.0085	<0.0089
Aroclor-1254	11097-69-1	<0.0087	0.033	<0.0092	<0.0083	0.014	<0.0094	<0.0085	<0.0089
Aroclor-1260	11096-82-5	<0.0087	<0.0081	<0.0092	<0.0083	<0.0098	<0.0094	<0.0085	<0.0089
Total PCBs	**-**	**ND**	**0.03**	**ND**	**ND**	**0.04**	**ND**	**ND**	**ND**

Note:

1. "R" After the sample name PM-SD-000R indicates the location was re-excavated and resampled.
2. The targeted postexcavation concentration for sediment and soil is 1 mg/kg and 4 mg/kg, respectively.
3. "D" Surrogate taken from a diluted run
4. "P" Indicates result from the highest of the two columns
5. "ND" Indicates No-Detected Aroclors

Weyerhaeuser Analytical & Testing Services
32901 Weyerhaeuser Way South
Federal Way, WA 98003

Summary Report
Kalamazoo River RMT Sediment and Water
Method: EPA 8082

Client ID		PM-SD-22	PM-SD-23	PM-SD-24	PM-SD-25	PM-SD-26	PM-SD-27	PM-SD-28	PM-SD-29
Sample Date		12/20/07	12/20/07	12/20/07	12/20/07	12/20/07	12/20/07	1/5/08	1/5/08
Sample Time		8:40	8:45	8:50	8:55	9:00	9:05	12:18	12:26
Analyte	CAS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	12674-11-2	<0.008	<0.0082	<0.01	<0.0083	<0.008	0.06	<0.085	<0.088
Aroclor-1221	11104-28-2	<0.008	<0.0082	<0.01	<0.0083	<0.008	<0.0087	<0.085	<0.088
Aroclor-1232	11114-16-5	<0.008	<0.0082	<0.01	<0.0083	<0.008	<0.0087	<0.085	<0.088
Aroclor-1242	53469-21-9	<0.008	<0.0082	<0.01	<0.0083	<0.008	<0.0087	<0.085	<0.088
Aroclor-1248	12672-29-6	<0.008	0.015	<0.01	<0.0083	<0.008	0.051	0.16 D	0.76 D
Aroclor-1254	11097-69-1	<0.008	0.0088	<0.01	<0.0083	<0.008	0.044	0.11 D	0.25 D
Aroclor-1260	11096-82-5	<0.008	<0.0082	<0.01	<0.0083	<0.008	0.026 P	<0.085	<0.088
Total PCBs	-	**ND**	**0.02**	**ND**	**ND**	**ND**	**0.18**	**0.27**	**1.01**

Note:

1. "R" After the sample name PM-SD-000R indicates the location was re-excavated and resampled.
2. The targeted postexcavation concentration for sediment and soil is 1 mg/kg and 4 mg/kg, respectively.
3. "D" Surrogate taken from a diluted run
4. "P" Indicates result from the highest of the two columns
5. "ND" Indicates No-Detected Aroclors

Weyerhaeuser Analytical & Testing Services
32901 Weyerhaeuser Way South
Federal Way, WA 98003

Summary Report
Kalamazoo River RMT Sediment and Water
Method: EPA 8082

Client ID		PM-SD-29R[1]	PM-SD-30	PM-SD-31	PM-SD-32	PM-SD-32R[1]	PM-SD-33	PM-SD-34
Sample Date		**1/10/08**	**1/5/08**	**1/5/08**	**1/5/08**	**1/10/08**	**1/5/08**	**1/5/08**
Sample Time		**9:45**	**12:30**	**12:33**	**12:37**	**9:55**	**12:40**	**12:45**
Analyte	CAS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	12674-11-2	<0.011	<0.0095	120 P	0.27 P	<0.01	0.014 P	0.2 D
Aroclor-1221	11104-28-2	<0.011	<0.0095	<0.0092	<0.12	<0.01	<0.0082	<0.098
Aroclor-1232	11114-16-5	<0.011	<0.0095	<0.0092	<0.12	<0.01	<0.0082	<0.098
Aroclor-1242	53469-21-9	<0.011	<0.0095	<0.0092	<0.12	<0.01	<0.0082	<0.098
Aroclor-1248	12672-29-6	<0.011	<0.0095	0.33 D	1.2 D	0.59 D	<0.0082	<0.098
Aroclor-1254	11097-69-1	<0.011	<0.0095	0.11	0.5 D	0.17	<0.0082	<0.098
Aroclor-1260	11096-82-5	<0.011	<0.0095	0.069 P	0.39 D	<0.01	<0.0082	<0.098
Total PCBs	**-**	**ND**	**ND**	**0.63**	**2.36**	**0.76**	**0.014**	**0.20**

Note:

1. "R" After the sample name PM-SD-000R indicates the location was re-excavated and resampled.
2. The targeted postexcavation concentration for sediment and soil is 1 mg/kg and 4 mg/kg, respectively.
3. "D" Surrogate taken from a diluted run
4. "P" Indicates result from the highest of the two columns
5. "ND" Indicates No-Detected Aroclors

RMT

Photographic Log

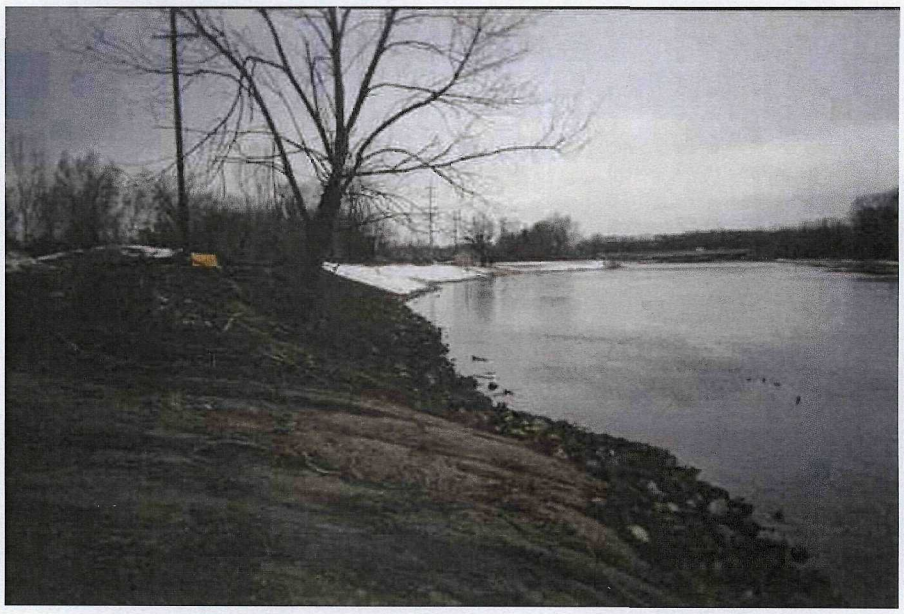
Client Name:	Site Location:	Project No.:
Weyerhaeuser Company	Plainwell, Michigan	00-05130.05

Photo No.	Date
1	12/12/07

Description
Silt Curtain placement – Area B1

Photo No.	Date
2	12/14/07

Description
Area B1 after restoring bank



RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Weyerhaeuser Company	Plainwell, Michigan	00-05130.05

Photo No.	Date
3	1/4/08

Description
Area B-2 – removal of residuals at edge of bank

Photo No.	Date
4	1/4/08

Description
Area B-2 placement of gravel and rip rap stone along shoreline

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Weyerhaeuser Company	Plainwell, Michigan	00-05130.05

Photo No.	Date
5	1/14/08

Description
Restored bank Area A and B looking west

Photo No.	Date
6	1/14/08

Description
Restored bank Area A and B looking west

TriMatrix Laboratories, Inc.

January 18, 2008

RMT, Inc. - Grand Rapids Office
Attn: Jennifer Overvoorde
2025 E. Beltline Ave., Suite 402
Grand Rapids, MI 49546

Project: Plainwell Mill

Dear Jennifer Overvoorde,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0801032	01/03/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

Enclosures(s)

The total number of pages in this report, including this page, is 45.

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Individual sample results relate only to the sample tested.
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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/14/08 By: ASC
Dilution Factor:	1	Date Analyzed:	01/15/08 By: JMK
QC Batch:	0800410	Analytical Batch:	8011528
Percent Solids:	89		

Extractable Petroleum Hydrocarbons by EPA Method 8015B (Modified)

CAS Number	Analyte	Analytical Result	RL
	DRO - 8015B (C10-C28)	<7.6	7.6

Surrogates	% Recovery	Control Limits
o-Terphenyl	49	*44-137*

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/14/08 By: LEW
Dilution Factor:	1	Date Analyzed:	01/14/08 By: LEW
QC Batch:	0800516	Analytical Batch:	8011609
Percent Solids:	89		

Volatile Petroleum Hydrocarbons by EPA Method 8015B (Modified)

CAS Number	Analyte	Analytical Result	RL
	GRO - 8015B (C6-C10)	<5.6	5.6

Surrogates	*% Recovery*	*Control Limits*
aaa-Trifluorotoluene	95	*76-113*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/10/08 By: ASC
Dilution Factor:	1	Date Analyzed:	01/11/08 By: JMK
QC Batch:	0800333	Analytical Batch:	8011152
Percent Solids:	89		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL
12674-11-2	PCB-1016	<0.37	0.37
11104-28-2	PCB-1221	<0.37	0.37
11141-16-5	PCB-1232	<0.37	0.37
53469-21-9	PCB-1242	<0.37	0.37
12672-29-6	PCB-1248	<0.37	0.37
11097-69-1	PCB-1254	<0.37	0.37
11096-82-5	PCB-1260	<0.37	0.37

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	75	*36-136*
Tetrachloro-m-xylene	102	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/10/08 By: ASC
Dilution Factor:	1	Date Analyzed:	01/16/08 By: DJM
QC Batch:	0800334	Analytical Batch:	8011662
Percent Solids:	89		

Organochlorine Pesticides by EPA Method 8081A

CAS Number	Analyte	Analytical Result	RL
319-84-6	alpha-BHC	<0.011	0.011
319-85-7	beta-BHC	<0.023	0.023
58-89-9	gamma-BHC (Lindane)	<0.023	0.023
319-86-8	delta-BHC	<0.023	0.023
5103-71-9	alpha-Chlordane	<0.034	0.034
5103-74-2	gamma-Chlordane	<0.034	0.034
72-54-8	4,4'-DDD	<0.023	0.023
72-55-9	4,4'-DDE	<0.023	0.023
50-29-3	4,4'-DDT	<0.023	0.023
309-00-2	Aldrin	<0.023	0.023
60-57-1	Dieldrin	<0.023	0.023
959-98-8	Endosulfan I	<0.023	0.023
33213-65-9	Endosulfan II	<0.023	0.023
1031-07-8	Endosulfan Sulfate	<0.023	0.023
72-20-8	Endrin	<0.023	0.023
7421-93-4	Endrin Aldehyde	<0.023	0.023
53494-70-5	Endrin Ketone	<0.023	0.023
76-44-8	Heptachlor	<0.023	0.023
1024-57-3	Heptachlor Epoxide	<0.023	0.023
72-43-5	Methoxychlor	<0.056	0.056
8001-35-2	Toxaphene	<0.19	0.19

Surrogates	***% Recovery***	***Control Limits***
Tetrachloro-m-xylene	90	*63-125*
Decachlorobiphenyl	85	*58-128*

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Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/08/08 By: JDM
Dilution Factor:	1	Date Analyzed:	01/08/08 By: JDM
QC Batch:	0800106	Analytical Batch:	8010903
Percent Solids:	89		

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL
67-64-1	Acetone	<1.1	1.1
107-13-1	Acrylonitrile	<0.11	0.11
71-43-2	Benzene	<0.056	0.056
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11
75-27-4	Bromodichloromethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.23	0.23
104-51-8	n-Butylbenzene	<0.056	0.056
135-98-8	sec-Butylbenzene	<0.056	0.056
98-06-6	tert-Butylbenzene	<0.056	0.056
75-15-0	Carbon Disulfide	<0.28	0.28
56-23-5	Carbon Tetrachloride	<0.056	0.056
108-90-7	Chlorobenzene	<0.056	0.056
75-00-3	Chloroethane	<0.28	0.28
67-66-3	Chloroform	<0.056	0.056
74-87-3	Chloromethane	<0.28	0.28
96-12-8	1,2-Dibromo-3-chloropropane	<0.056	0.056
124-48-1	Dibromochloromethane	<0.11	0.11
106-93-4	1,2-Dibromoethane	<0.056	0.056
74-95-3	Dibromomethane	<0.28	0.28
110-57-6	trans-1,4-Dichloro-2-butene	<0.056	0.056
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.28	0.28
75-34-3	1,1-Dichloroethane	<0.056	0.056
107-06-2	1,2-Dichloroethane	<0.056	0.056
75-35-4	1,1-Dichloroethene	<0.056	0.056

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/08/08 By: JDM
Dilution Factor:	1	Date Analyzed:	01/08/08 By: JDM
QC Batch:	0800106	Analytical Batch:	8010903
Percent Solids:	89		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
156-59-2	cis-1,2-Dichloroethene	<0.056	0.056
156-60-5	trans-1,2-Dichloroethene	<0.056	0.056
78-87-5	1,2-Dichloropropane	<0.056	0.056
10061-01-5	cis-1,3-Dichloropropene	<0.056	0.056
10061-02-6	trans-1,3-Dichloropropene	<0.056	0.056
100-41-4	Ethylbenzene	<0.056	0.056
60-29-7	Ethyl Ether	<0.23	0.23
591-78-6	2-Hexanone	<2.8	2.8
74-88-4	Iodomethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.28	0.28
99-87-6	4-Isopropyltoluene	<0.11	0.11
1634-04-4	Methyl tert-Butyl Ether	<0.28	0.28
75-09-2	Methylene Chloride	<0.11	0.11
78-93-3	2-Butanone (MEK)	<0.85	0.85
91-57-6	2-Methylnaphthalene	<0.37	0.37
108-10-1	4-Methyl-2-pentanone (MIBK)	<2.8	2.8
91-20-3	Naphthalene	<0.37	0.37
103-65-1	n-Propylbenzene	<0.11	0.11
100-42-5	Styrene	<0.056	0.056
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
79-34-5	1,1,2,2-Tetrachloroethane	<0.056	0.056
127-18-4	Tetrachloroethene	<0.056	0.056
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.11	0.11
87-61-6	1,2,3-Trichlorobenzene	<0.37	0.37
120-82-1	1,2,4-Trichlorobenzene	<0.37	0.37
71-55-6	1,1,1-Trichloroethane	<0.056	0.056
79-00-5	1,1,2-Trichloroethane	<0.056	0.056
79-01-6	Trichloroethene	<0.056	0.056
75-69-4	Trichlorofluoromethane	<0.11	0.11
96-18-4	1,2,3-Trichloropropane	<0.11	0.11

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/08/08 By: JDM
Dilution Factor:	1	Date Analyzed:	01/08/08 By: JDM
QC Batch:	0800106	Analytical Batch:	8010903
Percent Solids:	89		

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
75-01-4	Vinyl Chloride	<0.045	0.045
136777-61-2	Xylene, Meta + Para	<0.11	0.11
95-47-6	Xylene, Ortho	<0.056	0.056

Surrogates	***% Recovery***	***Control Limits***
Dibromofluoromethane	104	*78-124*
1,2-Dichloroethane-d4	104	*80-123*
Toluene-d8	97	*84-113*
4-Bromofluorobenzene	100	*79-120*

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ANALYTICAL REPORT

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Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/11/08 By: KB9
Dilution Factor:	1	Date Analyzed:	01/14/08 By: DMC
QC Batch:	0800160	Analytical Batch:	8011529
Percent Solids:	89		

Semivolatile Organic Compounds by EPA Method 8270C

CAS Number	Analyte	Analytical Result	RL
83-32-9	Acenaphthene	<0.37	0.37
208-96-8	Acenaphthylene	<0.37	0.37
120-12-7	Anthracene	<0.37	0.37
56-55-3	Benzo(a)anthracene	<0.37	0.37
50-32-8	Benzo(a)pyrene	<0.37	0.37
205-99-2	Benzo(b)fluoranthene	<0.37	0.37
191-24-2	Benzo(g,h,i)perylene	<0.37	0.37
207-08-9	Benzo(k)fluoranthene	<0.37	0.37
101-55-3	4-Bromophenyl Phenyl Ether	<0.37	0.37
85-68-7	Butyl Benzyl Phthalate	<0.37	0.37
86-74-8	Carbazole	<0.37	0.37
59-50-7	4-Chloro-3-methylphenol	<0.32	0.32
111-91-1	Bis(2-chloroethoxy)methane	<0.37	0.37
111-44-4	Bis(2-chloroethyl) Ether	<0.11	0.11
108-60-1	Bis(2-chloroisopropyl) Ether	<0.37	0.37
117-81-7	Bis(2-ethylhexyl) Phthalate	<0.37	0.37
91-58-7	2-Chloronaphthalene	<0.37	0.37
95-57-8	2-Chlorophenol	<0.37	0.37
7005-72-3	4-Chlorophenyl Phenyl Ether	<0.37	0.37
218-01-9	Chrysene	<0.37	0.37
53-70-3	Dibenz(a,h)anthracene	<0.37	0.37
132-64-9	Dibenzofuran	<0.37	0.37
84-74-2	Di-n-butyl Phthalate	<0.37	0.37
95-50-1	1,2-Dichlorobenzene	<0.37	0.37
541-73-1	1,3-Dichlorobenzene	<0.37	0.37
106-46-7	1,4-Dichlorobenzene	<0.37	0.37
120-83-2	2,4-Dichlorophenol	<0.37	0.37
84-66-2	Diethyl Phthalate	<0.37	0.37
105-67-9	2,4-Dimethylphenol	<0.37	0.37

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/11/08 By: KB9
Dilution Factor:	1	Date Analyzed:	01/14/08 By: DMC
QC Batch:	0800160	Analytical Batch:	8011529
Percent Solids:	89		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
131-11-3	Dimethyl Phthalate	<0.37	0.37
534-52-1	4,6-Dinitro-2-methylphenol	<0.94	0.94
51-28-5	2,4-Dinitrophenol	<0.94	0.94
121-14-2	2,4-Dinitrotoluene	<0.37	0.37
606-20-2	2,6-Dinitrotoluene	<0.37	0.37
117-84-0	Di-n-octyl Phthalate	<0.37	0.37
122-66-7	1,2-Diphenylhydrazine	<0.37	0.37
206-44-0	Fluoranthene	<0.37	0.37
86-73-7	Fluorene	<0.37	0.37
118-74-1	Hexachlorobenzene	<0.37	0.37
87-68-3	Hexachlorobutadiene	<0.056	0.056
77-47-4	Hexachlorocyclopentadiene	<0.37	0.37
67-72-1	Hexachloroethane	<0.34	0.34
193-39-5	Indeno(1,2,3-cd)pyrene	<0.37	0.37
78-59-1	Isophorone	<0.37	0.37
91-57-6	2-Methylnaphthalene	<0.37	0.37
95-48-7	2-Methylphenol	<0.37	0.37
108-39-4	3+4-Methylphenol	<0.37	0.37
91-20-3	Naphthalene	<0.37	0.37
100-01-6	4-Nitroaniline	<0.37	0.37
99-09-2	3-Nitroaniline	<0.94	0.94
88-74-4	2-Nitroaniline	<0.94	0.94
98-95-3	Nitrobenzene	<0.37	0.37
100-02-7	4-Nitrophenol	<0.94	0.94
88-75-5	2-Nitrophenol	<0.37	0.37
62-75-9	N-Nitroso-dimethylamine	<0.37	0.37
86-30-6	N-Nitroso-diphenylamine	<0.37	0.37
621-64-7	N-Nitroso-di-n-propylamine	<0.37	0.37
87-86-5	Pentachlorophenol	<0.023	0.023
85-01-8	Phenanthrene	<0.37	0.37
108-95-2	Phenol	<0.37	0.37

Continued on next page

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/11/08 By: KB9
Dilution Factor:	1	Date Analyzed:	01/14/08 By: DMC
QC Batch:	0800160	Analytical Batch:	8011529
Percent Solids:	89		

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

CAS Number	Analyte	Analytical Result	RL
129-00-0	Pyrene	<0.37	0.37
120-82-1	1,2,4-Trichlorobenzene	<0.37	0.37
95-95-4	2,4,5-Trichlorophenol	<0.37	0.37
88-06-2	2,4,6-Trichlorophenol	<0.37	0.37

Surrogates	***% Recovery***	***Control Limits***
2-Fluorophenol	68	*40-105*
Phenol-d6	70	*44-104*
Nitrobenzene-d5	74	*47-118*
2-Fluorobiphenyl	78	*48-119*
2,4,6-Tribromophenol	85	*36-120*
o-Terphenyl	81	*45-130*

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Incorporates Revised Metals Analysis
From Retested Sample
(Starting on Page 47)

Sample Date: January 3, 2008
Date Analyzed: February 12, 2008

See Details in Progress Report No. 17

TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0801032-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
SGT-HEM; Nonpolar Material	<450	450	mg/kg dry	1	USEPA-9071B	01/07/08	CLB	0800167
Percent Solids	**89**	0.1	%	1	USEPA-3550B	01/07/08	KNC	0800173

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-02**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
*Flashpoint, Closed-Cup	> 200	68	°F	1	USEPA-1020A	01/17/08	INR	0800584
*Cyanide Reactivity	<250	250	mg/kg	1	USEPA-7.3.3.2	01/08/08	LMA	0800116
Sulfide Reactivity	<10	10	mg/kg	1	USEPA-7.3.4.2	01/07/08	KNC	0800112
***pH**	**7.1**	0.1	pH Units	1	USEPA-9040B	01/04/08	CAM	0800149

*See Statement of Data Qualifications

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-02**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Percent Solids:			

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	<0.10	0.10	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
***Barium**	**1.1**	0.35	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
Cadmium	**0.011**	0.010	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
Chromium	<0.050	0.050	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
Lead	**0.33**	0.050	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
Mercury	<0.00020	0.00020	mg/L	1	USEPA-7470A	01/15/08	KLV	0800397
Selenium	<0.10	0.10	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209
Silver	<0.010	0.010	mg/L	1	USEPA-6010B	01/09/08	DWJ	0800209

*See Statement of Data Qualifications

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-02**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/L	Prepared:	01/08/08 By: JDM
Dilution Factor:	100	Date Analyzed:	01/08/08 By: JDM
QC Batch:	0800016	Analytical Batch:	8010902
Percent Solids:	n/a		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL
71-43-2	Benzene	<0.10	0.10
56-23-5	Carbon Tetrachloride	<0.10	0.10
108-90-7	Chlorobenzene	<0.10	0.10
67-66-3	Chloroform	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.10	0.10
75-35-4	1,1-Dichloroethene	<0.10	0.10
78-93-3	2-Butanone (MEK)	<5.0	5.0
127-18-4	Tetrachloroethene	<0.10	0.10
79-01-6	Trichloroethene	<0.10	0.10
75-01-4	Vinyl Chloride	<0.10	0.10

Surrogates	***% Recovery***	***Control Limits***
Dibromofluoromethane	101	*79-124*
1,2-Dichloroethane-d4	98	*75-128*
Toluene-d8	97	*87-113*
4-Bromofluorobenzene	101	*70-121*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-02**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/L	Prepared:	01/09/08 By: BJH
Dilution Factor:	1	Date Analyzed:	01/15/08 By: JLB
QC Batch:	0800080	Analytical Batch:	8011631
Percent Solids:	n/a		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL
106-46-7	1,4-Dichlorobenzene	<0.0050	0.0050
121-14-2	2,4-Dinitrotoluene	<0.0050	0.0050
118-74-1	Hexachlorobenzene	<0.0050	0.0050
87-68-3	Hexachlorobutadiene	<0.0050	0.0050
67-72-1	Hexachloroethane	<0.0050	0.0050
98-95-3	Nitrobenzene	<0.0050	0.0050
110-86-1	Pyridine	<0.050	0.050
87-86-5	Pentachlorophenol	<0.0050	0.0050
88-06-2	2,4,6-Trichlorophenol	<0.0050	0.0050
95-95-4	2,4,5-Trichlorophenol	<0.0050	0.0050
95-48-7	2-Methylphenol	<0.0050	0.0050
108-39-4	3-Methylphenol	<0.0050	0.0050
106-44-5	4-Methylphenol	<0.0050	0.0050
58-89-9	gamma-BHC (Lindane)	<0.0050	0.0050
72-20-8	Endrin	<0.0050	0.0050
72-43-5	Methoxychlor	<0.0050	0.0050
57-74-9	Technical Chlordane	<0.0050	0.0050
76-44-8	Heptachlor	<0.0050	0.0050
1024-57-3	Heptachlor Epoxide	<0.0050	0.0050
8001-35-2	Toxaphene	<0.50	0.50

Surrogates	***% Recovery***	***Control Limits***
2-Fluorophenol	73	*30-120*
Phenol-d6	57	*20-109*
Nitrobenzene-d5	90	*20-140*
2-Fluorobiphenyl	92	*35-130*
2,4,6-Tribromophenol	96	*23-120*
o-Terphenyl	101	*34-130*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-02**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/L	Prepared:	01/09/08 By: ASC
Dilution Factor:	1	Date Analyzed:	01/15/08 By: JLB
QC Batch:	0800081	Analytical Batch:	8011637
Percent Solids:	n/a		

TCLP Chlorinated Herbicides by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL
94-75-7	2,4-D	<0.10	0.10
93-72-1	2,4,5-TP (Silvex)	<0.10	0.10

Surrogates	***% Recovery***	***Control Limits***
2,4,5-T	74	*50-150*

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ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-03**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20
Unit:	mg/kg dry	Prepared:	01/10/08 By: ASC
Dilution Factor:	1	Date Analyzed:	01/11/08 By: JMK
QC Batch:	0800333	Analytical Batch:	8011152
Percent Solids:	67		

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL
12674-11-2	PCB-1016	<0.49	0.49
11104-28-2	PCB-1221	<0.49	0.49
11141-16-5	PCB-1232	<0.49	0.49
53469-21-9	PCB-1242	<0.49	0.49
12672-29-6	PCB-1248	**0.81**	0.49
11097-69-1	PCB-1254	<0.49	0.49
11096-82-5	PCB-1260	<0.49	0.49

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	68	*36-136*
Tetrachloro-m-xylene	94	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0801032**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Pad**	Sampled:	01/03/08 14:27
Lab Sample ID:	**0801032-03**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	01/03/08 19:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**67**	0.1	%	1	USEPA-3550B	01/07/08	KNC	0800173

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TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Extractable Petroleum Hydrocarbons by EPA Method 8015B (Modified)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800410 3550B Sonication Extraction/USEPA-8015B								
Method Blank						Analyzed:		01/14/2008 By: JMK
Unit: mg/kg wet						Analytical Batch:		8011528
DRO - 8015B (C10-C28)			<6.7					6.7
Surrogates								
o-Terphenyl				52	*44-137*			
Laboratory Control Sample						Analyzed:		01/15/2008 By: JMK
Unit: mg/kg wet						Analytical Batch:		8011528
DRO - 8015B (C10-C28)		33.3	**28.3**	85	44-135			6.7
Surrogates								
o-Terphenyl				62	*44-137*			
Matrix Spike 0801032-01 PM - Fill						Analyzed:		01/15/2008 By: JMK
Unit: mg/kg dry						Analytical Batch:		8011528
DRO - 8015B (C10-C28)	2.75	37.6	**33.6**	82	30-141			7.6
Surrogates								
o-Terphenyl				63	*44-137*			
Matrix Spike Duplicate 0801032-01 PM - Fill						Analyzed:		01/15/2008 By: JMK
Unit: mg/kg dry						Analytical Batch:		8011528
DRO - 8015B (C10-C28)	2.75	37.6	**31.1**	75	30-141	8	20	7.6
Surrogates								
o-Terphenyl				62	*44-137*			

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TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

Volatile Petroleum Hydrocarbons by EPA Method 8015B (Modified)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	
QC Batch: 0800516 5030B Aqueous Purge & Trap/USEPA-8015B									
Method Blank						Analyzed:		01/14/2008	By: LEW
Unit: mg/kg wet						Analytical Batch:		8011609	
GRO - 8015B (C6-C10)			<5.0					5.0	
Method Blank						Analyzed:		01/14/2008	By: LEW
Unit: ug/L						Analytical Batch:		8011609	
Surrogates									
aaa-Trifluorotoluene				96	*76-113*				
Laboratory Control Sample						Analyzed:		01/14/2008	By: LEW
Unit: mg/kg wet						Analytical Batch:		8011609	
GRO - 8015B (C6-C10)		20.0	**18.2**	91	72-118			5.0	
Laboratory Control Sample						Analyzed:		01/14/2008	By: LEW
Unit: ug/L						Analytical Batch:		8011609	
Surrogates									
aaa-Trifluorotoluene				103	*76-113*				
Matrix Spike 0801032-01 PM - Fill						Analyzed:		01/14/2008	By: LEW
Unit: mg/kg dry						Analytical Batch:		8011609	
GRO - 8015B (C6-C10)	<5.6	22.6	**21.6**	96	30-168			5.6	
Matrix Spike 0801032-01 PM - Fill						Analyzed:		01/14/2008	By: LEW
Unit: ug/L						Analytical Batch:		8011609	
Surrogates									
aaa-Trifluorotoluene				102	*76-113*				
Matrix Spike Duplicate 0801032-01 PM - Fill						Analyzed:		01/14/2008	By: LEW
Unit: mg/kg dry						Analytical Batch:		8011609	
GRO - 8015B (C6-C10)	<5.6	22.6	**21.5**	95	30-168	0.6	20	5.6	
Matrix Spike Duplicate 0801032-01 PM - Fill						Analyzed:		01/14/2008	By: LEW
Unit: ug/L						Analytical Batch:		8011609	
Surrogates									
aaa-Trifluorotoluene				101	*76-113*				

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800333 3550B Sonication Extraction/USEPA-8082								
Method Blank						Analyzed:		01/11/2008 By: JMK
Unit: mg/kg wet						Analytical Batch:		8011152
PCB-1016			<0.33					0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33					0.33
Surrogates								
Decachlorobiphenyl				76	*36-136*			
Tetrachloro-m-xylene				103	*46-120*			
Laboratory Control Sample						Analyzed:		01/11/2008 By: JMK
Unit: mg/kg wet						Analytical Batch:		8011152
PCB-1016		0.167	**0.149**	89	72-117			0.33
PCB-1260		0.167	**0.139**	83	77-123			0.33
Surrogates								
Decachlorobiphenyl				76	*36-136*			
Tetrachloro-m-xylene				96	*46-120*			
Matrix Spike 0801032-01 PM - Fill						Analyzed:		01/11/2008 By: JMK
Unit: mg/kg dry						Analytical Batch:		8011152
PCB-1016	<0.37	0.188	**0.175**	93	48-126			0.37
PCB-1260	<0.37	0.188	**0.147**	78	52-136			0.37
Surrogates								
Decachlorobiphenyl				71	*36-136*			
Tetrachloro-m-xylene				98	*46-120*			
Matrix Spike Duplicate 0801032-01 PM - Fill						Analyzed:		01/11/2008 By: JMK
Unit: mg/kg dry						Analytical Batch:		8011152
PCB-1016	<0.37	0.188	**0.188**	100	48-126	7	20	0.37
PCB-1260	<0.37	0.188	**0.155**	82	52-136	5	20	0.37
Surrogates								
Decachlorobiphenyl				75	*36-136*			
Tetrachloro-m-xylene				104	*46-120*			

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QUALITY CONTROL REPORT

Organochlorine Pesticides by EPA Method 8081A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800334 3550B Sonication Extraction/USEPA-8081A								
Method Blank						Analyzed:	01/16/2008	By: DJM
Unit: mg/kg wet						Analytical Batch:	8011662	
alpha-BHC			<0.010				0.010	
beta-BHC			<0.020				0.020	
gamma-BHC (Lindane)			<0.020				0.020	
delta-BHC			<0.020				0.020	
alpha-Chlordane			<0.030				0.030	
gamma-Chlordane			<0.030				0.030	
4,4'-DDD			<0.020				0.020	
4,4'-DDE			<0.020				0.020	
4,4'-DDT			<0.020				0.020	
Aldrin			<0.020				0.020	
Dieldrin			<0.020				0.020	
Endosulfan I			<0.020				0.020	
Endosulfan II			<0.020				0.020	
Endosulfan Sulfate			<0.020				0.020	
Endrin			<0.020				0.020	
Endrin Aldehyde			<0.020				0.020	
Endrin Ketone			<0.020				0.020	
Heptachlor			<0.020				0.020	
Heptachlor Epoxide			<0.020				0.020	
Methoxychlor			<0.050				0.050	
Toxaphene			<0.17				0.17	
Surrogates								
Tetrachloro-m-xylene				98	*63-125*			
Decachlorobiphenyl				93	*58-128*			
Laboratory Control Sample						Analyzed:	01/16/2008	By: DJM
Unit: mg/kg wet						Analytical Batch:	8011662	
alpha-BHC		0.0133	**0.0144**	108	78-131		0.010	
beta-BHC		0.0133	**0.0142**	106	84-138		0.020	
gamma-BHC (Lindane)		0.0133	**0.0143**	107	80-135		0.020	
delta-BHC		0.0133	**0.0148**	111	80-136		0.020	
alpha-Chlordane		0.0133	**0.0141**	106	80-138		0.030	
gamma-Chlordane		0.0133	**0.0144**	108	79-137		0.030	
4,4'-DDD		0.0133	**0.0154**	116	74-141		0.020	
4,4'-DDE		0.0133	**0.0144**	108	78-138		0.020	
4,4'-DDT		0.0133	**0.0127**	95	74-141		0.020	

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QUALITY CONTROL REPORT

Organochlorine Pesticides by EPA Method 8081A (Continued)

QC Batch: 0800334 (Continued) 3550B Sonication Extraction/USEPA-8081A

Laboratory Control Sample (Continued) Analyzed: 01/16/2008 By: DJM
Unit: mg/kg wet Analytical Batch: 8011662

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Aldrin		0.0133	**0.0142**	107	80-135			0.020
Dieldrin		0.0133	**0.0144**	108	79-139			0.020
Endosulfan I		0.0133	**0.0140**	105	58-131			0.020
Endosulfan II		0.0133	**0.0143**	107	62-137			0.020
Endosulfan Sulfate		0.0133	**0.0146**	110	79-141			0.020
Endrin		0.0133	**0.0158**	118	67-151			0.020
Endrin Aldehyde		0.0133	**0.0131**	98	68-132			0.020
Endrin Ketone		0.0133	**0.0138**	104	78-140			0.020
Heptachlor		0.0133	**0.0144**	108	82-135			0.020
Heptachlor Epoxide		0.0133	**0.0143**	107	81-137			0.020
Methoxychlor		0.0133	**0.0134**	100	76-142			0.050
Toxaphene			<0.17		70-130			0.17
Surrogates								
Tetrachloro-m-xylene				97	*63-125*			
Decachlorobiphenyl				92	*58-128*			

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800106 5035 Soil Purge & Trap - MS/USEPA-8260B

Method Blank Analyzed: 01/08/2008 By: JDM
Unit: mg/kg wet Analytical Batch: 8010903

Acetone	<1.0	1.0
Acrylonitrile	<0.10	0.10
Benzene	<0.050	0.050
Bromobenzene	<0.10	0.10
Bromochloromethane	<0.10	0.10
Bromodichloromethane	<0.10	0.10
Bromoform	<0.10	0.10
Bromomethane	<0.20	0.20
n-Butylbenzene	<0.050	0.050
sec-Butylbenzene	<0.050	0.050
tert-Butylbenzene	<0.050	0.050
Carbon Disulfide	<0.25	0.25
Carbon Tetrachloride	<0.050	0.050
Chlorobenzene	<0.050	0.050
Chloroethane	<0.25	0.25
Chloroform	<0.050	0.050
Chloromethane	<0.25	0.25
1,2-Dibromo-3-chloropropane	<0.050	0.050
Dibromochloromethane	<0.10	0.10
1,2-Dibromoethane	<0.050	0.050
Dibromomethane	<0.25	0.25
trans-1,4-Dichloro-2-butene	<0.050	0.050
1,2-Dichlorobenzene	<0.10	0.10
1,3-Dichlorobenzene	<0.10	0.10
1,4-Dichlorobenzene	<0.10	0.10
Dichlorodifluoromethane	<0.25	0.25
1,1-Dichloroethane	<0.050	0.050
1,2-Dichloroethane	<0.050	0.050
1,1-Dichloroethene	<0.050	0.050
cis-1,2-Dichloroethene	<0.050	0.050
trans-1,2-Dichloroethene	<0.050	0.050
1,2-Dichloropropane	<0.050	0.050
cis-1,3-Dichloropropene	<0.050	0.050
trans-1,3-Dichloropropene	<0.050	0.050
Ethylbenzene	<0.050	0.050
Ethyl Ether	<0.20	0.20

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800106 (Continued) 5035 Soil Purge & Trap - MS/USEPA-8260B

Method Blank (Continued) Analyzed: 01/08/2008 By: JDM
Unit: mg/kg wet Analytical Batch: 8010903

2-Hexanone	<2.5	2.5
Iodomethane	<0.10	0.10
Isopropylbenzene	<0.25	0.25
4-Isopropyltoluene	<0.10	0.10
Methyl tert-Butyl Ether	<0.25	0.25
Methylene Chloride	<0.10	0.10
2-Butanone (MEK)	<0.75	0.75
2-Methylnaphthalene	<0.33	0.33
4-Methyl-2-pentanone (MIBK)	<2.5	2.5
Naphthalene	<0.33	0.33
n-Propylbenzene	<0.10	0.10
Styrene	<0.050	0.050
1,1,1,2-Tetrachloroethane	<0.10	0.10
1,1,2,2-Tetrachloroethane	<0.050	0.050
Tetrachloroethene	<0.050	0.050
Tetrahydrofuran	<1.0	1.0
Toluene	<0.10	0.10
1,2,3-Trichlorobenzene	<0.33	0.33
1,2,4-Trichlorobenzene	<0.33	0.33
1,1,1-Trichloroethane	<0.050	0.050
1,1,2-Trichloroethane	<0.050	0.050
Trichloroethene	<0.050	0.050
Trichlorofluoromethane	<0.10	0.10
1,2,3-Trichloropropane	<0.10	0.10
1,2,4-Trimethylbenzene	<0.10	0.10
1,3,5-Trimethylbenzene	<0.10	0.10
Vinyl Chloride	<0.040	0.040
Xylene, Meta + Para	<0.10	0.10
Xylene, Ortho	<0.050	0.050

Method Blank Analyzed: 01/08/2008 By: JDM
Unit: ug/L Analytical Batch: 8010903

Surrogates

Dibromofluoromethane	103	*78-124*
1,2-Dichloroethane-d4	101	*80-123*
Toluene-d8	100	*84-113*

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800106 (Continued) 5035 Soil Purge & Trap - MS/USEPA-8260B								
Method Blank (Continued)						Analyzed:	01/08/2008	By: JDM
Unit: ug/L						Analytical Batch:	8010903	
Surrogates (Continued)								
4-Bromofluorobenzene				100	*79-120*			
Laboratory Control Sample						Analyzed:	01/08/2008	By: JDM
Unit: mg/kg wet						Analytical Batch:	8010903	
Benzene		2.00	**2.06**	103	82-122		0.050	
Chlorobenzene		2.00	**1.94**	97	82-118		0.050	
1,1-Dichloroethene		2.00	**1.82**	91	72-131		0.050	
Toluene		2.00	**2.03**	102	82-125		0.10	
Trichloroethene		2.00	**2.21**	110	81-127		0.050	
Laboratory Control Sample						Analyzed:	01/08/2008	By: JDM
Unit: ug/L						Analytical Batch:	8010903	
Surrogates								
Dibromofluoromethane				99	*78-124*			
1,2-Dichloroethane-d4				100	*80-123*			
Toluene-d8				103	*84-113*			
4-Bromofluorobenzene				101	*79-120*			

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QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800160 3550B Sonication Extraction/USEPA-8270C

Method Blank Analyzed: 01/11/2008 By: DMC
Unit: mg/kg wet Analytical Batch: 8011409

Acenaphthene	<0.33	0.33
Acenaphthylene	<0.33	0.33
Anthracene	<0.33	0.33
Benzo(a)anthracene	<0.33	0.33
Benzo(a)pyrene	<0.33	0.33
Benzo(b)fluoranthene	<0.33	0.33
Benzo(g,h,i)perylene	<0.33	0.33
Benzo(k)fluoranthene	<0.33	0.33
4-Bromophenyl Phenyl Ether	<0.33	0.33
Butyl Benzyl Phthalate	<0.33	0.33
Carbazole	<0.33	0.33
4-Chloro-3-methylphenol	<0.28	0.28
Bis(2-chloroethoxy)methane	<0.33	0.33
Bis(2-chloroethyl) Ether	<0.10	0.10
Bis(2-chloroisopropyl) Ether	<0.33	0.33
Bis(2-ethylhexyl) Phthalate	<0.33	0.33
2-Chloronaphthalene	<0.33	0.33
2-Chlorophenol	<0.33	0.33
4-Chlorophenyl Phenyl Ether	<0.33	0.33
Chrysene	<0.33	0.33
Dibenz(a,h)anthracene	<0.33	0.33
Dibenzofuran	<0.33	0.33
Di-n-butyl Phthalate	<0.33	0.33
1,2-Dichlorobenzene	<0.33	0.33
1,3-Dichlorobenzene	<0.33	0.33
1,4-Dichlorobenzene	<0.33	0.33
2,4-Dichlorophenol	<0.33	0.33
Diethyl Phthalate	<0.33	0.33
2,4-Dimethylphenol	<0.33	0.33
Dimethyl Phthalate	<0.33	0.33
4,6-Dinitro-2-methylphenol	<0.83	0.83
2,4-Dinitrophenol	<0.83	0.83
2,4-Dinitrotoluene	<0.33	0.33
2,6-Dinitrotoluene	<0.33	0.33
Di-n-octyl Phthalate	<0.33	0.33
1,2-Diphenylhydrazine	<0.33	0.33

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QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800160 (Continued) 3550B Sonication Extraction/USEPA-8270C

Method Blank (Continued) Analyzed: 01/11/2008 By: DMC
Unit: mg/kg wet Analytical Batch: 8011409

Fluoranthene			<0.33				0.33
Fluorene			<0.33				0.33
Hexachlorobenzene			<0.33				0.33
Hexachlorobutadiene			<0.050				0.050
Hexachlorocyclopentadiene			<0.33				0.33
Hexachloroethane			<0.30				0.30
Indeno(1,2,3-cd)pyrene			<0.33				0.33
Isophorone			<0.33				0.33
2-Methylnaphthalene			<0.33				0.33
2-Methylphenol			<0.33				0.33
3+4-Methylphenol			<0.33				0.33
Naphthalene			<0.33				0.33
4-Nitroaniline			<0.33				0.33
3-Nitroaniline			<0.83				0.83
2-Nitroaniline			<0.83				0.83
Nitrobenzene			<0.33				0.33
4-Nitrophenol			<0.83				0.83
2-Nitrophenol			<0.33				0.33
N-Nitroso-dimethylamine			<0.33				0.33
N-Nitroso-diphenylamine			<0.33				0.33
N-Nitroso-di-n-propylamine			<0.33				0.33
Pentachlorophenol			<0.020				0.020
Phenanthrene			<0.33				0.33
Phenol			<0.33				0.33
Pyrene			<0.33				0.33
1,2,4-Trichlorobenzene			<0.33				0.33
2,4,5-Trichlorophenol			<0.33				0.33
2,4,6-Trichlorophenol			<0.33				0.33
Surrogates							
2-Fluorophenol				53	*40-105*		
Phenol-d6				54	*44-104*		
Nitrobenzene-d5				53	*47-118*		
2-Fluorobiphenyl				51	*48-119*		
2,4,6-Tribromophenol				47	*36-120*		
o-Terphenyl				52	*45-130*		

Laboratory Control Sample Analyzed: 01/11/2008 By: DMC
Unit: mg/kg wet Analytical Batch: 8011409

Acenaphthene		0.333	**0.223**	67	60-120		0.33

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QUALITY CONTROL REPORT

Semivolatile Organic Compounds by EPA Method 8270C (Continued)

QC Batch: 0800160 (Continued) 3550B Sonication Extraction/USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 01/11/2008 By: DMC
Unit: mg/kg wet Analytical Batch: 8011409

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
4-Chloro-3-methylphenol		0.500	**0.287**	57	57-124			0.28
2-Chlorophenol		0.500	**0.392**	78	62-118			0.33
1,4-Dichlorobenzene		0.333	**0.236**	71	61-111			0.33
2,4-Dinitrotoluene		0.333	**0.200**	60	51-128			0.33
Naphthalene		0.333	**0.232**	70	52-128			0.33
4-Nitrophenol		0.500	**0.275**	55	36-131			0.83
N-Nitroso-di-n-propylamine		0.333	**0.250**	75	54-115			0.33
Pentachlorophenol		0.500	**0.163**	33	19-117			0.020
Phenol		0.500	**0.323**	65	53-120			0.33
Pyrene		0.333	**0.216**	65	60-132			0.33
1,2,4-Trichlorobenzene		0.333	**0.239**	72	57-122			0.33
Surrogates								
2-Fluorophenol				68	*40-105*			
Phenol-d6				69	*44-104*			
Nitrobenzene-d5				67	*47-118*			
2-Fluorobiphenyl				65	*48-119*			
2,4,6-Tribromophenol				62	*36-120*			
o-Terphenyl				66	*45-130*			

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800016 5030B MS TCLP/USEPA-8260B								
Method Blank						Analyzed:	01/08/2008	By: JDM
Unit: mg/L						Analytical Batch:	8010902	
Benzene			<0.10				0.10	
Carbon Tetrachloride			<0.10				0.10	
Chlorobenzene			<0.10				0.10	
Chloroform			<0.10				0.10	
1,2-Dichloroethane			<0.10				0.10	
1,1-Dichloroethene			<0.10				0.10	
2-Butanone (MEK)			<5.0				5.0	
Tetrachloroethene			<0.10				0.10	
Trichloroethene			<0.10				0.10	
Vinyl Chloride			<0.10				0.10	
Method Blank						Analyzed:	01/08/2008	By: JDM
Unit: ug/L						Analytical Batch:	8010902	
Surrogates								
Dibromofluoromethane				103	*79-124*			
1,2-Dichloroethane-d4				101	*75-128*			
Toluene-d8				100	*87-113*			
4-Bromofluorobenzene				100	*70-121*			
Laboratory Control Sample						Analyzed:	01/08/2008	By: JDM
Unit: mg/L						Analytical Batch:	8010902	
Benzene		4.00	**4.12**	103	77-122		0.10	
Carbon Tetrachloride		4.00	**3.85**	96	77-132		0.10	
Chlorobenzene		4.00	**3.89**	97	76-128		0.10	
Chloroform		4.00	**4.13**	103	78-127		0.10	
1,2-Dichloroethane		4.00	**3.91**	98	78-125		0.10	
1,1-Dichloroethene		4.00	**3.65**	91	71-129		0.10	
2-Butanone (MEK)		4.00	**4.46**	112	32-178		5.0	
Tetrachloroethene		4.00	**3.76**	94	78-131		0.10	
Trichloroethene		4.00	**4.42**	110	72-129		0.10	
Vinyl Chloride		4.00	**3.32**	83	66-139		0.10	
Laboratory Control Sample						Analyzed:	01/08/2008	By: JDM
Unit: ug/L						Analytical Batch:	8010902	
Surrogates								
Dibromofluoromethane				99	*79-124*			
1,2-Dichloroethane-d4				100	*75-128*			

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800016 (Continued) 5030B MS TCLP/USEPA-8260B

Laboratory Control Sample (Continued) Analyzed: 01/08/2008 By: JDM

Unit: ug/L Analytical Batch: 8010902

Surrogates (Continued)								
Toluene-d8				103	*87-113*			
4-Bromofluorobenzene				101	*70-121*			

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 0800080 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Method Blank — Analyzed: 01/15/2008 By: JLB
Unit: mg/L — Analytical Batch: 8011631

1,4-Dichlorobenzene			<0.0050				0.0050
2,4-Dinitrotoluene			<0.0050				0.0050
Hexachlorobenzene			<0.0050				0.0050
Hexachlorobutadiene			<0.0050				0.0050
Hexachloroethane			<0.0050				0.0050
Nitrobenzene			<0.0050				0.0050
Pyridine			<0.050				0.050
Pentachlorophenol			<0.0050				0.0050
2,4,6-Trichlorophenol			<0.0050				0.0050
2,4,5-Trichlorophenol			<0.0050				0.0050
2-Methylphenol			<0.0050				0.0050
3-Methylphenol			<0.0050				0.0050
4-Methylphenol			<0.0050				0.0050
gamma-BHC (Lindane)			<0.0050				0.0050
Endrin			<0.0050				0.0050
Methoxychlor			<0.0050				0.0050
Technical Chlordane			<0.0050				0.0050
Heptachlor			<0.0050				0.0050
Heptachlor Epoxide			<0.0050				0.0050
Toxaphene			<0.50				0.50
Surrogates							
2-Fluorophenol				79	*30-120*		
Phenol-d6				63	*20-109*		
Nitrobenzene-d5				96	*20-140*		
2-Fluorobiphenyl				99	*35-130*		
2,4,6-Tribromophenol				100	*23-120*		
o-Terphenyl				110	*34-130*		

Laboratory Control Sample — Analyzed: 01/15/2008 By: JLB
Unit: mg/L — Analytical Batch: 8011631

1,4-Dichlorobenzene		0.200	**0.146**	73	36-120		0.0050
2,4-Dinitrotoluene		0.200	**0.173**	86	42-125		0.0050
Hexachlorobenzene		0.200	**0.173**	86	26-141		0.0050
Hexachlorobutadiene		0.200	**0.135**	67	39-120		0.0050
Hexachloroethane		0.200	**0.138**	69	34-125		0.0050
Nitrobenzene		0.200	**0.161**	81	52-129		0.0050

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

QC Batch: 0800080 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C

Laboratory Control Sample (Continued) Analyzed: 01/15/2008 By: JLB
Unit: mg/L Analytical Batch: 8011631

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Pyridine		0.200	**0.0912**	46	25-120			0.050
Pentachlorophenol		0.200	**0.158**	79	39-112			0.0050
2,4,6-Trichlorophenol		0.200	**0.171**	86	41-135			0.0050
2,4,5-Trichlorophenol		0.200	**0.169**	84	36-137			0.0050
2-Methylphenol		0.200	**0.152**	76	37-125			0.0050
3-Methylphenol		0.200	**0.149**	74	45-125			0.0050
4-Methylphenol		0.200	**0.149**	74	45-125			0.0050
gamma-BHC (Lindane)		0.200	**0.183**	91	10-110			0.0050
Endrin		0.200	**0.132**	66	50-125			0.0050
Methoxychlor		0.200	**0.169**	85	50-125			0.0050
Technical Chlordane		0.200	**0.174**	87	31-164			0.0050
Heptachlor		0.200	**0.174**	87	60-137			0.0050
Heptachlor Epoxide		0.200	**0.188**	94	58-135			0.0050
Toxaphene		0.400	**0.367**	92	40-210			0.50
Surrogates								
2-Fluorophenol				78	*30-120*			
Phenol-d6				63	*20-109*			
Nitrobenzene-d5				98	*20-140*			
2-Fluorobiphenyl				101	*35-130*			
2,4,6-Tribromophenol				105	*23-120*			
o-Terphenyl				112	*34-130*			

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TriMatrix Laboratories, Inc.

QUALITY CONTROL REPORT

TCLP Chlorinated Herbicides by EPA Method 1311/8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 0800081 8151A TCLP Liq/Liq Ext./USEPA-8270C								
Method Blank						Analyzed:	01/15/2008	By: JLB
Unit: mg/L						Analytical Batch:	8011637	
2,4-D			<0.10				0.10	
2,4,5-TP (Silvex)			<0.10				0.10	
Surrogates								
2,4,5-T				69	*50-150*			
Laboratory Control Sample						Analyzed:	01/15/2008	By: JLB
Unit: mg/L						Analytical Batch:	8011637	
2,4-D		0.101	**0.0967**	96	61-118		0.10	
2,4,5-TP (Silvex)		0.100	**0.0779**	78	55-110		0.10	
Surrogates								
2,4,5-T				79	*50-150*			

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QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Arsenic**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.2**	mg/kg dry wt.	96	82-116			0.10
0801032-01 PM - Fill									
Matrix Spike	7.38	20.0	**26.5**	mg/kg dry wt.	96	65-125			0.10
Matrix Spike Duplicate	7.38	20.0	**28.2**	mg/kg dry wt.	104	65-125	6	20	0.10
Analyte:	**Barium**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.0**	mg/kg dry wt.	100	86-118			0.10
Analyte:	**Cadmium**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		20.0	**19.2**	mg/kg dry wt.	96	83-113			0.050
0801032-01 PM - Fill									
Matrix Spike	1.38	20.0	**21.2**	mg/kg dry wt.	99	84-119			0.050
Matrix Spike Duplicate	1.38	20.0	**20.5**	mg/kg dry wt.	96	84-119	3	20	0.050
Analyte:	**Chromium**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.9**	mg/kg dry wt.	99	87-118			0.10
Analyte:	**Lead**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.2**	mg/kg dry wt.	101	82-118			0.10
Analyte:	**Mercury**/USEPA-7471A								
QC Batch: 0800193 (7471A Mercury Digestion)							Analyzed: 01/08/2008 By: JMF		
Method Blank			<0.10	mg/kg					0.10

Continued on next page

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QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Mercury**/USEPA-7471A (Continued)								
QC Batch: 0800193 (Continued) (7471A Mercury Digestion)							Analyzed: 01/08/2008 By: JMF		
Laboratory Control Sample		0.333	**0.328**	mg/kg	98	76-127			0.10
Analyte:	**Selenium**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**18.3**	mg/kg dry wt.	91	73-117			0.10
0801032-01 PM - Fill									
Matrix Spike	0.729	20.0	**18.0**	mg/kg dry wt.	86	58-123			0.10
Matrix Spike Duplicate	0.729	20.0	**18.7**	mg/kg dry wt.	90	58-123	4	20	0.10
Analyte:	**Silver**/USEPA-6020A								
QC Batch: 0800172 (3050B Digestion)							Analyzed: 01/14/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.4**	mg/kg dry wt.	97	90-112			0.10
0801032-01 PM - Fill									
Matrix Spike	0.560	20.0	**18.6**	mg/kg dry wt.	90	76-119			0.10
Matrix Spike Duplicate	0.560	20.0	**18.4**	mg/kg dry wt.	89	76-119	1	20	0.10

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Cyanide Reactivity**/USEPA-7.3.3.2								
QC Batch: 0800116 (Method-Specific Preparation)							Analyzed: 01/08/2008 By: LMA		
Method Blank			<0.4	mg/kg					0.4
Laboratory Control Sample		1.25	**1**	mg/kg	88	80-120			0.4
Laboratory Control Sample		2.50	**2**	mg/kg	93	80-120			0.4
Analyte:	**Flashpoint, Closed-Cup**/USEPA-1020A								
QC Batch: 0800584 (Method-Specific Preparation)							Analyzed: 01/17/2008 By: INR		
Method Blank			> 200	°F					68
Laboratory Control Sample		81.0	**81**	°F	100	80-120			68
0801032-02 PM - Pad									
Duplicate	> 200		> 200	°F			0	20	68
Analyte:	**Percent Solids**/USEPA-3550B								
QC Batch: 0800173 (General Inorganic Prep)							Analyzed: 01/07/2008 By: KNC		
Method Blank			<0.1	%					0.1
0801032-03 PM - Pad									
Duplicate	67		**67**	%			0.05	20	0.1
Analyte:	**pH**/USEPA-9040B								
QC Batch: 0800149 (Method-Specific Preparation)							Analyzed: 01/04/2008 By: CAM		
0801032-02 PM - Pad									
Duplicate	7.11		**7.16**	pH Units			0.7	20	0.1
Analyte:	**SGT-HEM; Nonpolar Material**/USEPA-9071B								
QC Batch: 0800167 (Method-Specific Preparation)							Analyzed: 01/07/2008 By: CLB		
Method Blank			<400	mg/kg wet					400
Laboratory Control Sample		2000	**1690**	mg/kg wet	84	64-132			400
0801032-01 PM - Fill									
Duplicate	78.5		<450	mg/kg dry				24	450
Analyte:	**Sulfide Reactivity**/USEPA-7.3.4.2								
QC Batch: 0800112 (General Inorganic Prep)							Analyzed: 01/07/2008 By: KNC		
Method Blank			<10	mg/kg					10

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Sulfide Reactivity**/USEPA-7.3.4.2 (Continued)								
QC Batch: 0800112 (Continued) (General Inorganic Prep)							Analyzed: 01/07/2008 By: KNC		
Laboratory Control Sample		545	**364**	mg/kg	67	29-113			10

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Arsenic**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.10	mg/L					0.10
Laboratory Control Sample		1.25	**1.44**	mg/L	115	82-125			0.10
0801032-02 PM - Pad									
Matrix Spike	<0.10	1.25	**1.37**	mg/L	110	82-123			0.10
Matrix Spike Duplicate	<0.10	1.25	**1.44**	mg/L	115	82-123	5	20	0.10
Analyte:	**Barium**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.250	**0.260**	mg/L	104	85-116			0.35
0801032-02 PM - Pad									
Matrix Spike	1.11	0.250	**1.40**	mg/L	120	75-121			0.35
Matrix Spike Duplicate	1.11	0.250	**1.47**	mg/L	**146**	75-121	5	20	0.35
Analyte:	**Cadmium**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.010	mg/L					0.010
Laboratory Control Sample		0.250	**0.262**	mg/L	105	82-113			0.010
0801032-02 PM - Pad									
Matrix Spike	0.0111	0.250	**0.250**	mg/L	95	70-107			0.010
Matrix Spike Duplicate	0.0111	0.250	**0.254**	mg/L	97	70-107	2	20	0.010
Analyte:	**Chromium**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.250	**0.273**	mg/L	109	84-112			0.050
0801032-02 PM - Pad									
Matrix Spike	0.00808	0.250	**0.257**	mg/L	100	76-109			0.050
Matrix Spike Duplicate	0.00808	0.250	**0.263**	mg/L	102	76-109	2	20	0.050
Analyte:	**Lead**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.050	mg/L					0.050

Continued on next page

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Lead**/USEPA-6010B (Continued)								
QC Batch: 0800209 (Continued) (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Laboratory Control Sample		0.250	**0.278**	mg/L	111	84-118			0.050
0801032-02 PM - Pad									
Matrix Spike	0.330	0.250	**0.591**	mg/L	104	65-120			0.050
Matrix Spike Duplicate	0.330	0.250	**0.601**	mg/L	109	65-120	2	20	0.050
Analyte:	**Mercury**/USEPA-7470A								
QC Batch: 0800397 (7470A TCLP Digestion)							Analyzed: 01/15/2008 By: KLV		
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00221**	mg/L	110	85-115			0.00020
0801032-02 PM - Pad									
Matrix Spike	<0.00020	0.00200	**0.00168**	mg/L	84	46-139			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00163**	mg/L	82	46-139	3	20	0.00020
Analyte:	**Selenium**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.10	mg/L					0.10
Laboratory Control Sample		1.25	**1.43**	mg/L	114	89-115			0.10
0801032-02 PM - Pad									
Matrix Spike	<0.10	1.25	**1.31**	mg/L	104	62-119			0.10
Matrix Spike Duplicate	<0.10	1.25	**1.38**	mg/L	110	62-119	5	20	0.10
Analyte:	**Silver**/USEPA-6010B								
QC Batch: 0800209 (3010A TCLP Digestion)							Analyzed: 01/09/2008 By: DWJ		
Method Blank			<0.010	mg/L					0.010
*Laboratory Control Sample		0.250	**0.301**	mg/L	**120**	85-112			0.010
0801032-02 PM - Pad									
Matrix Spike	0.00330	0.250	**0.302**	mg/L	120	80-123			0.010
Matrix Spike Duplicate	0.00330	0.250	**0.310**	mg/L	123	80-123	2	20	0.010

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STATEMENT OF DATA QUALIFICATIONS

Total Metals by EPA 6000/7000 Series Methods

Qualification:	This analyte was not present in this sample at a concentration greater than 100 times the MDL, therefore serial dilution is not required.	
Analysis:	USEPA-6020A	
Sample/Analyte:	0801032-01 PM - Fill	Selenium
Qualification:	Matrix QC results are not available due to sample dilution.	
Analysis:	USEPA-6020A	
Sample/Analyte:	0801032-01 PM - Fill	Barium
	0801032-01 PM - Fill	Chromium
	0801032-01 PM - Fill	Lead
Analysis:	USEPA-7471A	
Sample/Analyte:	0801032-01 PM - Fill	Mercury

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STATEMENT OF DATA QUALIFICATIONS

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Qualification:	Methods 1010/1020A were designed to be used as the flashpoint analysis method for liquid waste matrices. The sample result, alone, does not define the characteristic of ignitability on a solid waste matrix.	
Analysis:	USEPA-1020A	
Sample/Analyte:	0801032-02 PM - Pad	Flashpoint, Closed-Cup
Qualification:	Reactive Cyanide analysis was not performed since the corresponding Total Cyanide result is <250 mg/kg.	
Analysis:	USEPA-7.3.3.2	
Sample/Analyte:	0801032-02 PM - Pad	Cyanide Reactivity
Qualification:	The referenced method for pH 9040B specifies that analysis must occur immediately after sample collection. Since the analysis was not performed in the field, the reported result is considered estimated.	
Analysis:	USEPA-9040B	
Sample/Analyte:	0801032-02 PM - Pad	pH
Qualification:	Analysis date and time and sample test temperature were: 1/4/08 at 3:50 pm 20.3 degrees Celsius	
Analysis:	USEPA-9040B	
Sample/Analyte:	0801032-02 PM - Pad	pH

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STATEMENT OF DATA QUALIFICATIONS

TCLP Metals by EPA 1311/6000/7000 Series Methods

Qualification: The LCS and/or LCSD recovery exceeded the upper control limit. A positive result for this analyte in any sample from the associated QC batch is considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-6010B

0800209-BS1 Silver

Qualification: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit. The unspiked sample result is not qualified.

Analysis: USEPA-6010B

Sample/Analyte: 0801032-02 PM - Pad Barium

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Chain of Custody Record

COC No. 122702

Page 1 of 1

For Lab Use Only

Cart: Vol. Soil fridge
VOA Rack/Tray:
Receipt Log No.: 38-06
Project Chemist:
Laboratory Project No.: Q-080103 2

Client Name: RMT, Inc
Address: 2025 East Beltline Ave SE. suite 402, Grand Rapids, MI 49546
Phone: 616 915 3685
Fax: 616 975 1098

Project Name: Plainwell Mill
Client Project No./P.O. No.: 5130.04
Invoice No.: ☒ Client ☐ Other (comments)
Contact/Report To: Jennifer Overvoorde

Analyses Requested: VOC, SVOCs, Pesticides, PCB, RCRA Metals, TPH

PRESERVATIVES: A NONE pH~7; B HNO_3 pH<2; C H_2SO_4 pH<2; D 1+1 HCl pH<2; E NaOH pH>12; F ZnAc/NaOH pH>9; G MeOH; H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted			Total	Sample Comments
01		01	1	PM-Fill		1/3/08	1422	X	X	Soil	1	2		3	only VOC is grab
02		02	2	PM-Pad		1/3/08	1427		X	Soil	1	2	waste	3	
03		03	3	PM-Pad									PCBs		
			4												
			5												
			6												
			7												
			8												
			9												
			10												

Sampled By (print): Kevin Kyrias-Gonn, Scot Middlebrook
Sampler's Signature: Kevin Kyrias-Gonn, Scot Middlebrook
Company: RMT

How Shipped? (Hand) Carrier
Tracking No.

Comments:
Line 1: 1 2oz glass, 2 500ml glass
Line 2: 1 2oz glass, 2 500 ml glass

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
S Middlebrook	1/3/07	1920						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						Nordin	1-3-08	19:55

(Drop)

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

REVISED METALS RESULTS

February 13, 2008

RMT, Inc. - Grand Rapids Office
Attn: Jennifer Overvoorde
2025 E. Beltline Ave., Suite 402
Grand Rapids, MI 49546

Project: Plainwell Mill

Dear Jennifer Overvoorde,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0802085	02/07/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Jennifer L. Rice
Project Chemist

Enclosures(s)

The total number of pages in this report, including this page, is 5.

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0802085**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**PM - Fill**	Sampled:	01/03/08 14:22
Lab Sample ID:	**0802085-01**	Sampled By:	KKG/SM
Matrix:	Soil	Received:	02/07/08 14:53
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	**4.7**	0.10	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
***Barium**	**31**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
Cadmium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
Chromium	**8.0**	2.0	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
Lead	**8.4**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
*Mercury	<0.050	0.050	mg/kg dry wt.	1	USEPA-7471A	02/12/08	DSC	0801411
Selenium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401
Silver	<0.10	0.10	mg/kg dry wt.	1	USEPA-6020A	02/12/08	KLV	0801401

*See Statement of Data Qualifications

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QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Arsenic**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.6**	mg/kg dry wt.	98	82-116			0.10
0802085-01 PM - Fill									
Matrix Spike	4.66	20.0	**23.6**	mg/kg dry wt.	94	65-125			0.10
Matrix Spike Duplicate	4.66	20.0	**24.0**	mg/kg dry wt.	97	65-125	2	20	0.10
Analyte:	**Barium**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.0**	mg/kg dry wt.	100	86-118			0.10
0802085-01 PM - Fill									
Matrix Spike	31.4	20.0	**59.2**	mg/kg dry wt.	**139**	64-134			0.20
Matrix Spike Duplicate	31.4	20.0	**57.4**	mg/kg dry wt.	130	64-134	3	20	0.20
Analyte:	**Cadmium**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		20.0	**19.5**	mg/kg dry wt.	98	83-113			0.050
0802085-01 PM - Fill									
Matrix Spike	0.0575	20.0	**20.0**	mg/kg dry wt.	100	84-119			0.050
Matrix Spike Duplicate	0.0575	20.0	**19.1**	mg/kg dry wt.	95	84-119	5	20	0.050
Analyte:	**Chromium**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.7**	mg/kg dry wt.	103	87-118			0.10
0802085-01 PM - Fill									
Matrix Spike	7.99	20.0	**28.8**	mg/kg dry wt.	104	63-134			0.10
Matrix Spike Duplicate	7.99	20.0	**30.1**	mg/kg dry wt.	110	63-134	4	20	0.10
Analyte:	**Lead**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10

Continued on next page

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QUALITY CONTROL REPORT

Total Metals by EPA 6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte:	**Lead**/USEPA-6020A (Continued)								
QC Batch: 0801401 (Continued) (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Laboratory Control Sample		20.0	**20.3**	mg/kg dry wt.	101	82-118			0.10
0802085-01 PM - Fill									
Matrix Spike	8.44	20.0	**29.3**	mg/kg dry wt.	104	69-129			0.10
Matrix Spike Duplicate	8.44	20.0	**29.8**	mg/kg dry wt.	107	69-129	2	20	0.10
Analyte:	**Mercury**/USEPA-7471A								
QC Batch: 0801411 (7471A Mercury Digestion)							Analyzed: 02/12/2008 By: DSC		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		0.333	**0.327**	mg/kg dry wt.	98	76-122			0.050
Analyte:	**Selenium**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**18.3**	mg/kg dry wt.	92	73-117			0.10
0802085-01 PM - Fill									
Matrix Spike	0.104	20.0	**17.0**	mg/kg dry wt.	84	58-123			0.10
Matrix Spike Duplicate	0.104	20.0	**16.7**	mg/kg dry wt.	83	58-123	1	20	0.10
Analyte:	**Silver**/USEPA-6020A								
QC Batch: 0801401 (3050B Digestion)							Analyzed: 02/12/2008 By: KLV		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.3**	mg/kg dry wt.	97	90-112			0.10
0802085-01 PM - Fill									
Matrix Spike	0.0430	20.0	**19.0**	mg/kg dry wt.	95	76-119			0.10
Matrix Spike Duplicate	0.0430	20.0	**18.3**	mg/kg dry wt.	91	76-119	4	20	0.10

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STATEMENT OF DATA QUALIFICATIONS

Total Metals by EPA 6000/7000 Series Methods

Qualification:	The EPA hold time expired prior to sample receipt. All associated sample results are considered estimated.	
Analysis:	USEPA-7471A	
Sample/Analyte:	0802085-01 PM - Fill	Mercury
Qualification:	The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit. The unspiked sample result is not qualified.	
Analysis:	USEPA-6020A	
Sample/Analyte:	0802085-01 PM - Fill	Barium

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