"Kathy Huibregtse"
<Kathy.Huibregtse@rmtinc.com>
02/13/2008 10:35 AM

To Sam Chummar/R5/USEPA/US@EPA, <BUCHOLTP@michigan.gov>, <jennifer.hale@weyerhaeuser.com>
cc <martin.lebo@weyerhaeuser.com>
bcc

Subject Map and data tables for our call

Hi Sam and Paul

Attached for your information is the most recent data we have received from the samples collected along the eastern parts of zone D. We will be discussing these results on our call at 11:30 AM. Also attached is a table that includes all of the fill sample results and the most recent result of a rerun of the sample originally reported from Jan 3. The rerun results are consistent with all of the other samples and not the initial result, suggesting that the initial data was not representative of the fill material used on site. The lab is now checking all metals tests conducted that day to determine if the sample result was not properly labeled. We expect to hear from them very soon.

Talk to you soon.

Regards

Kathy Huibregtse

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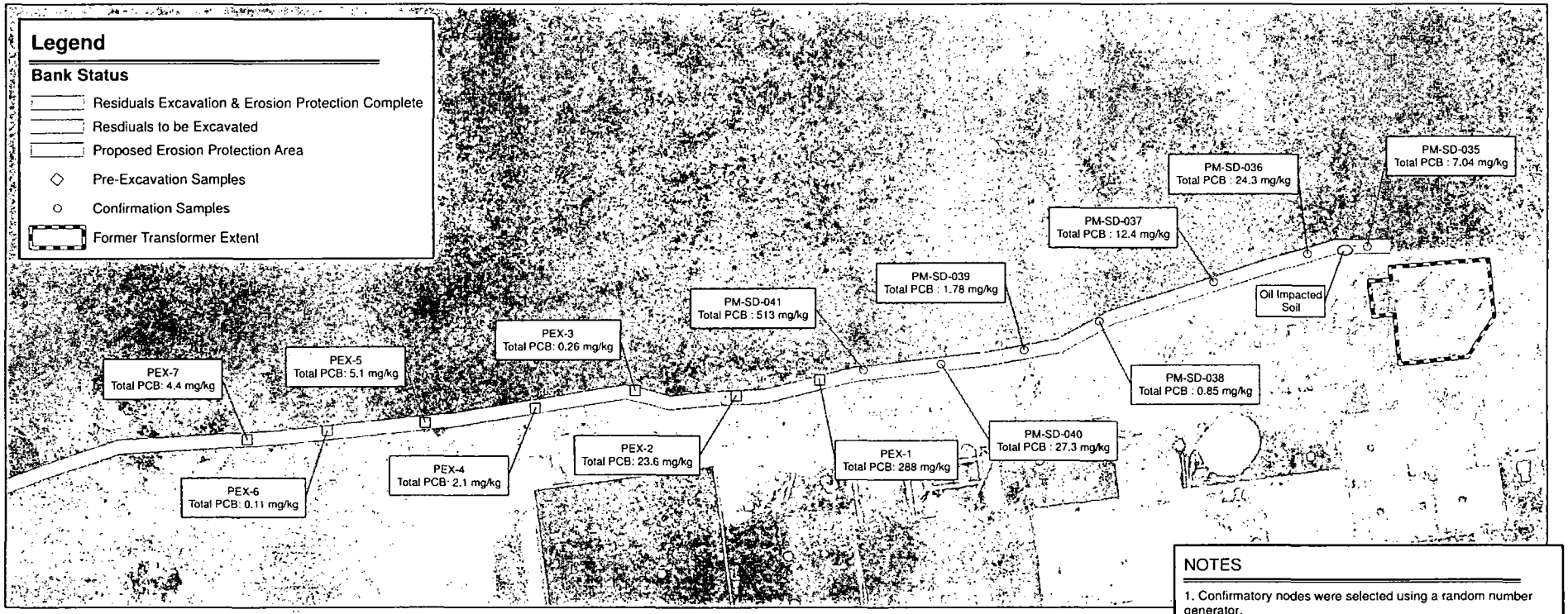
Locations and results D east.pdf ConfSamples.WATS D East.pdf PreExcSamples.ECCS.pdf Fill Sample Comparison .xls

0802085.pdf 0802023 RMT.pdf 0802022 RMT.pdf 0801032 RMT Plainwell.pdf

EPA Region 5 Records Ctr.
367254

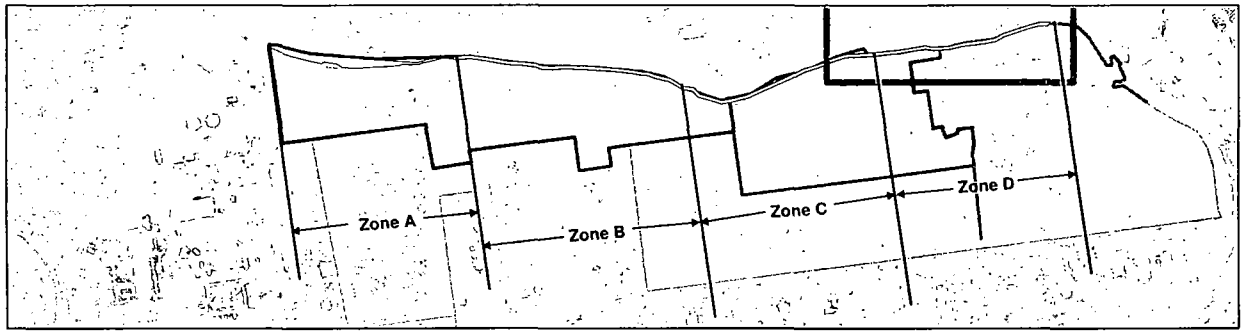


NOTES

1. Confirmatory nodes were selected using a random number generator.
2. All locations are approximate.
3. "PEX" denotes samples collected prior to excavation

0 12.5 25 50 Feet

1 inch equals 50.016696 feet



PROJECT: WEYERHAEUSER COMPANY KALAMAZOO RIVER SUPERFUND SITE			
SHEET TITLE: ZONE D SAMPLING LOCATIONS PLAINWELL MILL BANKS			
DRAWN BY	SCALE: AS NOTED	PROJ. NO.	00-05130.04
CHECKED BY:		FILE NO.:	51300404
APPROVED BY:	DATE PRINTED: 2/11/08	FIGURE 1	
DATE: FEBRUARY 2008			

RMT

150 N. Patrick Blvd., Suite 180
Brookfield, WI 53045-5454

Phone: 262-679-1217
Fax: 262-679-1220

D:\05130\04\51300404.mxd 1/4/2008 13:20:29

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

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

CONFIRMATION SAMPLES (AFTER RESIDUALS REMOVAL)

Client ID		**PM-SD-35**	**PM-SD-36**	**PM-SD-36 DUP**	**PM-SD-37**	**PM-SD-38**	**PM-SD-39**	**PM-SD-40**	**PM-SD-41**
Sample Date		**1/31/08**	**1/31/08**	**1/31/08**	**1/31/08**	**1/31/08**	**1/31/08**	**1/31/08**	**1/31/08**
Sample Time		**8:38**	**8:42**	**-**	**8:46**	**8:50**	**8:55**	**8:59**	**9:03**
Analyte	CAS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	12674-11-2	1.3 PD	13 D	4.4 PD	2.8 PD	0.22 D	1.1 PD	8.3 D	20 D
Aroclor-1221	11104-28-2	<0.21	<1.0	<0.91	<1.2	<0.14	<0.17	<1.1	<16
Aroclor-1232	11114-16-5	<0.21	<1.0	<0.91	<1.2	<0.14	<0.17	<1.1	<16
Aroclor-1242	53469-21-9	<0.21	<1.0	<0.91	<1.2	<0.14	<0.17	<1.1	<16
Aroclor-1248	12672-29-6	2.6 D	7.0 PD	8.0 D	5.8 D	0.34 PD	0.44 PD	12 D	160 D
Aroclor-1254	11097-69-1	2.8D	4.3 D	3.7 PD	3.8 D	0.29 D	0.24 PD	7.0 D	310 D
Aroclor-1260	11096-82-5	0.34 D	<1.0	<0.91	<1.2	<0.14	<0.17	<1.1	23 PD
Total PCBs	**-**	**7.04**	**24.3**	**16.1**	**12.4**	**0.85**	**1.78**	**27.3**	**513**

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

E.C.C.S.
2525 Advance Road
Madison, WI 53718

Summary Report
Kalamazoo River RMT Sediment and Water
Method: EPA 8081

PRE-EXCAVATION SAMPLES

Client ID		**PEX-1**	**PEX-2**	**PEX-3**	**PEX-4**	**PEX-5**	**PEX-6**	**PEX-7**
Sample Date		**2/7/08**	**2/7/08**	**2/7/08**	**2/7/08**	**2/7/08**	**2/7/08**	**2/7/08**
Sample Time		**11:24**	**11:27**	**11:32**	**11:37**	**11:40**	**11:43**	**11:47**
Analyte	CAS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor-1016	12674-11-2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aroclor-1221	11104-28-2	57	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aroclor-1232	11114-16-5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aroclor-1242	53469-21-9	75	14	0.11	0.46	0.22	<0.10	<0.10
Aroclor-1248	12672-29-6	76	4.9	0.15	0.59	0.95	<0.10	2.1
Aroclor-1254	11097-69-1	65	3.7	<0.10	0.87	3.4	0.11	1.7
Aroclor-1260	11096-82-5	15	0.98	<0.10	0.22	0.55	<0.10	0.57
Total PCBs	-	**288**	**23.6**	**0.26**	**2.14**	**5.12**	**0.11**	**4.37**

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

	Part 201 Resd/Comm I Soil Stds								
	Background	**GSI**	**Direct Contact**	**Fill Pile 1/3/2008**	**Fill Pile re-run**	**Pit-1**	**Pit-2**	**Initial #1**	**Initial #2**
Arsenic	5.8	70	7.6	**7.4**	4.7	**6.6**	**6.2**	4.2	5.8
Barium	75	ph/hdns	37,000	**180**	31	57	63	34	35
Cadmium	1.2	ph/hdns	550	**1.4**	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium	18	ph/hdns	790,000	**77**	8.0	17	16	9.2	11
Lead	21	ph/hdns	400	**240**	8.4	10	10	8.6	10
Mercury	0.13	0.5	160	**1.5**	<0.05	<0.05	<0.05	<0.05	<0.05
Selenium	0.41	0.4	2,600	**0.73**	<0.2	<0.2	<0.2	<0.2	<0.2
Silver	1	0.1	2,500	0.56	<0.1	<0.1	<0.1	<0.1	<0.1

Bold = exceedes background
= exceeded GSI

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TriMatrix Laboratories, Inc.

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

Jennifer L. Rice
Project Chemist

Enclosures(s)

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

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Individual sample results relate only to the sample tested.
5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

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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TriMatrix Laboratories, Inc.

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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TriMatrix
Laboratories, Inc.

February 06, 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
0802023	02/04/2008	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

Jennifer L. Rice
Project Chemist

Enclosures(s)

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0802023**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**Pit-1**	Sampled:	02/04/08 11:30
Lab Sample ID:	**0802023-01**	Sampled By:	E. Vincke
Matrix:	Soil	Received:	02/04/08 14:00
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	**6.6**	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Barium	**57**	2.0	mg/kg dry wt.	2	USEPA-6020A	02/06/08	DSC	0801274
Cadmium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Chromium	**17**	2.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Lead	**10**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Mercury	<0.050	0.050	mg/kg dry wt.	1	USEPA-7471A	02/05/08	KLV	0801249
Selenium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Silver	<0.10	0.10	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0802023**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**Pit-2**	Sampled:	02/04/08 11:35
Lab Sample ID:	**0802023-02**	Sampled By:	E. Vincke
Matrix:	Soil	Received:	02/04/08 14:00
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	**6.2**	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Barium	**63**	2.0	mg/kg dry wt.	2	USEPA-6020A	02/06/08	DSC	0801274
Cadmium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Chromium	**16**	2.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Lead	**10**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Mercury	<0.050	0.050	mg/kg dry wt.	1	USEPA-7471A	02/05/08	KLV	0801249
Selenium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Silver	<0.10	0.10	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274

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TriMatrix Laboratories, Inc.

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: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.20	mg/kg dry wt.					0.20
Laboratory Control Sample		20.0	**18.8**	mg/kg dry wt.	94	82-116			0.20
Analyte:	**Barium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.6**	mg/kg dry wt.	98	86-118			0.10
Analyte:	**Cadmium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		20.0	**18.9**	mg/kg dry wt.	95	83-113			0.050
Analyte:	**Chromium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<2.0	mg/kg dry wt.					2.0
Laboratory Control Sample		20.0	**19.9**	mg/kg dry wt.	99	87-118			2.0
Analyte:	**Lead**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.8**	mg/kg dry wt.	104	82-118			0.10
Analyte:	**Mercury**/USEPA-7471A								
QC Batch: 0801249 (7471A Mercury Digestion)							Analyzed: 02/05/2008 By: KLV		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		0.333	**0.297**	mg/kg dry wt.	89	76-122			0.050
Analyte:	**Selenium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
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:	**Selenium**/USEPA-6020A (Continued)								
QC Batch: 0801274 (Continued) (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Laboratory Control Sample		20.0	**18.3**	mg/kg dry wt.	92	73-117			0.10
Analyte:	**Silver**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.1**	mg/kg dry wt.	100	90-112			0.10

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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Chain of Custody Record

COC No. 102965

Page ____ of ____

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Cart
VOA Rack/Tray
Receipt Log No. 434
Project Chemist
Laboratory Project No. 0802023

Client Name: RMT Inc
Address: 2025 E. Beltline Ave Ste 402 Grand Rapids, MI 49546
Phone: 616-975-5415
Fax: 616-975-1098

Project Name: Wey, Plainwell, MI
Client Project No. / P.O. No.: 5130.04
Invoice To: ☒ Client ☐ Other (comments)
Contact/Report To: S. Overvoorde

Analyses Requested: As, Pb, Cd, Cr, Pb, Hg, Se, As

Container Type (corresponds to Container Packing List)

⇦ 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	1	Pit-1		2/4/08	11:30		X	S	X	X	X									
		02	2	Pit-2		2/4/08	11:35		X	S	X	X	X									
			3																			
			4																			
			5																			
			6																			
			7																			
			8																			
			9																			
			10																			

Sampled By (print): Eric Vincke
Sampler's Signature: E. Vincke
Company: RMT Inc

How Shipped? Hand Carrier ____
Tracking No.

Comments

1. Relinquished By: E. Vincke Date: 2/4/08 Time:
2. Relinquished By: Date: Time:
3. Relinquished By: Date: Time:
1. Received By: Date: Time:
2. Received By: Date: Time:
3. Received For Lab By: Date: 2-4-08 Time: 1400

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

TriMatrix
Laboratories, Inc.

February 06, 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
0802022	02/04/2008	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

Jennifer L. Rice
Project Chemist

Enclosures(s)

The total number of pages in this report, including this page, is 6.

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0802022**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**Intial-1**	Sampled:	02/04/08 08:05
Lab Sample ID:	**0802022-01**	Sampled By:	E. Vincke
Matrix:	Soil	Received:	02/04/08 14:00
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
***Arsenic**	**4.2**	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Barium	**34**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Cadmium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Chromium	**9.2**	2.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Lead	**8.6**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Mercury	<0.050	0.050	mg/kg dry wt.	1	USEPA-7471A	02/05/08	KLV	0801249
Selenium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Silver	<0.10	0.10	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274

*See Statement of Data Qualifications

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**RMT, Inc. - Grand Rapids Office**	Work Order:	**0802022**
Project:	Plainwell Mill	Description:	Laboratory Services
Client Sample ID:	**Intial-2**	Sampled:	02/04/08 08:10
Lab Sample ID:	**0802022-02**	Sampled By:	E. Vincke
Matrix:	Soil	Received:	02/04/08 14:00
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	**5.8**	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Barium	**35**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Cadmium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Chromium	**11**	2.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Lead	**10**	1.0	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Mercury	<0.050	0.050	mg/kg dry wt.	1	USEPA-7471A	02/05/08	KLV	0801249
Selenium	<0.20	0.20	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274
Silver	<0.10	0.10	mg/kg dry wt.	1	USEPA-6020A	02/06/08	DSC	0801274

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TriMatrix Laboratories, Inc.

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: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.20	mg/kg dry wt.					0.20
Laboratory Control Sample		20.0	**18.8**	mg/kg dry wt.	94	82-116			0.20
0802022-01 Intial-1									
Matrix Spike	4.23	20.0	**23.6**	mg/kg dry wt.	97	65-125			0.20
Matrix Spike Duplicate	4.23	20.0	**22.3**	mg/kg dry wt.	91	65-125	6	20	0.20
Analyte:	**Barium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**19.6**	mg/kg dry wt.	98	86-118			0.10
0802022-01 Intial-1									
Matrix Spike	34.1	20.0	**58.0**	mg/kg dry wt.	120	64-134			0.20
Matrix Spike Duplicate	34.1	20.0	**53.5**	mg/kg dry wt.	97	64-134	8	20	0.20
Analyte:	**Cadmium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		20.0	**18.9**	mg/kg dry wt.	95	83-113			0.050
0802022-01 Intial-1									
Matrix Spike	0.0595	20.0	**19.4**	mg/kg dry wt.	97	84-119			0.050
Matrix Spike Duplicate	0.0595	20.0	**19.5**	mg/kg dry wt.	97	84-119	0.3	20	0.050
Analyte:	**Chromium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<2.0	mg/kg dry wt.					2.0
Laboratory Control Sample		20.0	**19.9**	mg/kg dry wt.	99	87-118			2.0
0802022-01 Intial-1									
Matrix Spike	9.24	20.0	**29.7**	mg/kg dry wt.	103	63-134			2.0
Matrix Spike Duplicate	9.24	20.0	**28.5**	mg/kg dry wt.	96	63-134	4	20	2.0
Analyte:	**Lead**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
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: 0801274 (Continued) (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Laboratory Control Sample		20.0	**20.8**	mg/kg dry wt.	104	82-118			0.10
0802022-01 Intial-1									
Matrix Spike	8.65	20.0	**30.7**	mg/kg dry wt.	110	69-129			0.10
Matrix Spike Duplicate	8.65	20.0	**30.2**	mg/kg dry wt.	108	69-129	2	20	0.10
Analyte:	**Mercury**/USEPA-7471A								
QC Batch: 0801249 (7471A Mercury Digestion)							Analyzed: 02/05/2008 By: KLV		
Method Blank			<0.050	mg/kg dry wt.					0.050
Laboratory Control Sample		0.333	**0.297**	mg/kg dry wt.	89	76-122			0.050
0802022-01 Intial-1									
Matrix Spike	0.0171	0.334	**0.300**	mg/kg dry wt.	85	71-123			0.050
Matrix Spike Duplicate	0.0171	0.333	**0.346**	mg/kg dry wt.	99	71-123	14	20	0.050
Analyte:	**Selenium**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
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
0802022-01 Intial-1									
Matrix Spike	0.137	20.0	**17.8**	mg/kg dry wt.	88	58-123			0.10
Matrix Spike Duplicate	0.137	20.0	**17.4**	mg/kg dry wt.	86	58-123	3	20	0.10
Analyte:	**Silver**/USEPA-6020A								
QC Batch: 0801274 (3050B Digestion)							Analyzed: 02/06/2008 By: DSC		
Method Blank			<0.10	mg/kg dry wt.					0.10
Laboratory Control Sample		20.0	**20.1**	mg/kg dry wt.	100	90-112			0.10
0802022-01 Intial-1									
Matrix Spike	0.0465	20.0	**20.0**	mg/kg dry wt.	100	76-119			0.10
Matrix Spike Duplicate	0.0465	20.0	**20.1**	mg/kg dry wt.	100	76-119	0.3	20	0.10

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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:	0802022-01 Intial-1	Arsenic

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TriMatrix Laboratories, Inc.

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Chain of Custody Record

COC No. 102656

Page ____ of ____

For Lab Use Only

Cart:

VOA Rack/Tray:

Receipt Log No.: 433

Project Chemist:

Laboratory Project No.: 0802022

Client Name: RMT Inc

Address: 2025 E. Beltline Ave Ste 402, Grand Rapids, MI 49546

Phone: 616-975-5415

Fax: 616-975-1098

Project Name: Wey, Plainwell, MI

Client Project No. / P.O. No.: 5130.04

Invoice To: ☒ Client ☐ Other (comments)

Contact/Report To: J. Overvoorde

Analyses Requested: Zn, Pb, Cd, Cr, Hg

Container Type (corresponds to Container Packing List): 17 →

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	1	Intial - 1		2/4/08	08:05		X	S	X	X			1	
		02	2	Intial - 2		2/4/08	08:10		X	S	X	X			1	
			3													
			4													
			5													
			6													
			7													
			8													
			9													
			10													

Sampled By (print): E. Vincke

Sampler's Signature: [signature]

Company: RMT Inc

How Shipped: Hand Carrier

Tracking No.:

Comments:

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
[signature]	2/4/08							

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[signature]	2-4-08	1400

TriMatrixCOC – COC

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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

Jennifer L. Rice
Project Chemist

Enclosures(s)

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

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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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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: 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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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

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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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

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

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

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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
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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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
Percent Solids:			

Total Metals by EPA 6000/7000 Series Methods

Analyte	Analytical Result	RL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Arsenic	**7.4**	0.10	mg/kg dry wt.	1	USEPA-6020A	01/14/08	DSC	0800172
***Barium**	**180**	5.0	mg/kg dry wt.	5	USEPA-6020A	01/14/08	DSC	0800172
Cadmium	**1.4**	0.20	mg/kg dry wt.	1	USEPA-6020A	01/14/08	DSC	0800172
***Chromium**	**77**	10	mg/kg dry wt.	5	USEPA-6020A	01/14/08	DSC	0800172
***Lead**	**240**	10	mg/kg dry wt.	10	USEPA-6020A	01/14/08	DSC	0800172
***Mercury**	**1.5**	0.50	mg/kg	5	USEPA-7471A	01/08/08	JMF	0800193
***Selenium**	**0.73**	0.20	mg/kg dry wt.	1	USEPA-6020A	01/14/08	DSC	0800172
Silver	**0.56**	0.10	mg/kg dry wt.	1	USEPA-6020A	01/14/08	DSC	0800172

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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

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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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

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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:	**0801032-02**	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

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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:	**0801032-02**	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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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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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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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)

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

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

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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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TriMatrix Laboratories, Inc.

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Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

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-080103D

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

Container Type (corresponds to Container Packing List)

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-Gann, Scot Middlebrook
Sampler's Signature: Kevin Kyrias-Gann, 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 500ml glass

Relinquished By	Date	Time	Received By	Date	Time
1. Scot Middlebrook	1/3/07	1920	1.		
2.			2.		
3.			3. Received For Lab By: D. Nordin	1-3-08	19:20

(Drop)

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