Candace Sykora Hydrogeologist Wisconsin Department of Natural Resources 890 Spruce St Baldwin, WI 54002

Re: 2022 Remedial Action Documentation Report

WM Waste, Inc.

21211 Durand Avenue, Union Grove, Racine County, WI 53182

BRRTS Activity # 02-52-586974, DNR FID # 252195350

Dear Ms. Sykora:

On behalf of WM Waste, Inc. (WM Waste), Cornerstone Environmental Group, LLC, a Tetra Tech Company (Tetra Tech) is submitting this Remedial Action Documentation Report to document remedial actions conducted at the facility located in Union Grove, Wisconsin. Remedial actions were performed in accordance with the Remedial Action Plan (RAP) submitted to the Wisconsin Department of Natural Resources (WDNR) as part of the Site Investigation Report and Remedial Action Plan on October 25, 2022.

The RAP was based upon the evaluation of data collected during Site Investigation activities. This data is summarized in the above-referenced Site Investigation Report and Remedial Action Plan submittal. Residual contamination remained after a previous soil excavation was conducted in response to the release of mercury-containing carbon media during change-out activities. This report summarizes the remedial actions taken thereafter and reports the results of confirmation samples collected at the base of the final excavations.

1.0 SITE INFORMATION

Site name: WM Waste, Inc. Facility

Address: 21211 Durand Avenue, Union Grove, Racine County, WI 53182

Parcel IDs: 006-03-20-36-029-000 and 006-03-20-36-031-021

Environmental Protection Agency ID #: WID000000356

Facility ID #: 252195350

Site location: Northeast ¼ of the Northeast ¼ of section 36 of Township 3 North and Range 20 East, Racine

County, Wisconsin

Responsible Party's name and address: WM Waste, Inc., 21211 Durand Avenue, Union Grove, Racine County,

WI 53182

Consultant name and address: Tetra Tech, 8413 Excelsior Drive, Suite 160, Madison, WI, 53717

2.0 REMEDIAL ACTIONS

The RAP was developed based on analytical and field data collected during various investigations of the soil and an understanding of the geology beneath and surrounding the facility, topographic conditions, and an assessment of the likely movement of mercury-containing carbon media Granulated Activated Carbon near the release area.

Two excavation area boundaries and 13 confirmation sample locations defined in the RAP were GPS surveyed by Tetra Tech prior to starting the excavation.

The soil within the defined boundaries was excavated to the depths specified in the RAP with a backhoe and a skid steer by WM Waste site personnel. The work was performed on November 11 and 17, 2022. The soil was loaded into lined and covered roll-off containers for disposal. The excavation activities were performed under the observation of Tetra Tech field staff under the direction of an Professional Engineer (PE) licensed in the state of Wisconsin. At each confirmation sample location, the GPS survey unit was used to confirm that the target depth of the excavation was reached by comparing the excavated elevation to the pre-excavation elevation.

Once the soil within the defined areas of contamination was removed, six confirmation samples were collected from the base of the Area A excavation and seven confirmation samples were collected from the base of the Area B excavation shown in Figure 1. The area within the five-foot radius around confirmation sample R8 was excavated to greater depth than the other excavation areas based on prior site investigation results as summarized in the Site Investigation and Remedial Action Plan.

The confirmation samples were shipped to Pace Analytical Services commercial laboratory in Green Bay, Wisconsin, a Wisconsin certified laboratory. Area A and B excavations remained open until receipt of confirmation sample results. None of the confirmation samples exceeded the mercury residual contaminant limit (RCL) of 3.13 mg/kg (Attachment 1). Based on the results of these confirmation samples, the excavation and disposal phase of the remedial activities were considered complete. Upon completion of the remedial excavation activities, the roll-off containers were removed and disposed under proper chain-of-custody (Attachment 2). The excavated areas were backfilled general fill and/or gravel from a local supplier (Ozinga, aggregate supplier providing virgin material for construction) and clean topsoil. Upon final grading the areas outside the fence were seeded and covered with straw.

A photographic log of the remedial activities can be found in Attachment 3.

3.0 CONFIRMATION SAMPLES

During the remedial activities, confirmation soil samples were collected at thirteen locations (R1-R13). The confirmation sample locations are shown on Figure 1.

All samples were collected at a depth of one foot below the original grade except for R8 which was collected at one and a half feet below the original grade.

Confirmation samples were collected with a stainless-steel soil trowel that was decontaminated with a distilled water rinse followed by a rinse in a solution of distilled water and Alconox soap followed by a final rinse with distilled water. The field technician donned a new pair of clean latex gloves between samples to avoid cross contamination. After the decontamination process, once every six to eight samples, distilled water was poured over the sampling equipment and collected in a sample container and analyzed for total mercury as an equipment rinsate sample to confirm the efficiency of the decontamination procedures. Each soil sample location was surveyed with a GPS unit to capture its location and confirm the excavation depth. The confirmation sample locations are shown on Figure 1.

Immediately following collection of the samples, they were placed into appropriate sample containers provided by Pace Laboratories, Green Bay, WI (Pace). The samples were placed on ice in a cooler and were delivered to Pace for total mercury analysis in accordance with proper chain-of-custody and hold time procedures. The decontamination wastewater and disposable sampling items (such as nitrile gloves and paper towels) were placed in the roll off containers along with the excavated soil for disposal at a permitted facility.

4.0 SAMPLE RESULTS AND EVALUATION

The results of the soil sample collection and analysis are summarized in Table 1 and shown at each location on Figure 1. All confirmation samples had a concentration of total mercury below the direct contact RCL 3.13 mg/kg. The pre-excavation and post-excavation survey elevations shown on Figure 1 confirm that the contaminated soil excavation was to a depth of one foot below the ground surface and one and a half foot below the ground surface at sample location R8. Based on the results of the confirmation samples, no further remedial actions are warranted. Clean virgin material was placed back over the excavation area and the site properly restored to match pre-remediation grades. Upon final grading the areas outside the fence were seeded and covered with straw.

If you have any questions, concerns, or need further clarification, please contact Luke Specketer at luke.specketer@tetratech.com.

Sincerely,

Cornerstone Environmental Group, LLC - A Tetra Tech Company

Ben Peotter, P.E.

Environmental Engineer

Ben feather

Luke Specketer, P.G.

Project Manager

Enclosures: Tables:

Table 1 – Summary of Remedial Action Plan Confirmation Sample Analytical Results

Figures:

Figure 1 – Remedial Action Confirmation Sample Results

Attachments:

Attachment 1 – Laboratory Reports

Attachment 2 – Hazardous Waste Manifests

Attachment 3 – Photographic Log

Cc: Sixto Ortiz – WM

Michelle Gale – WM

Mark Noel - WM Steven Smolko - WM

Todd Washburn – WM

David Crass - Michael Best & Friedrich, LLP

Remedial Action Report (July 19, 2023 dated submittal)
WM Waste, Inc. – 21211 Durand Avenue, Union Grove, Racine County, WI 53182
BRRTS Activity # 02-52-586974

Wis. Admin. Code § NR 712.09: Certification

Professional Engineer

"I, Benjamin J. Peotter, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

PEOTTER E-36784

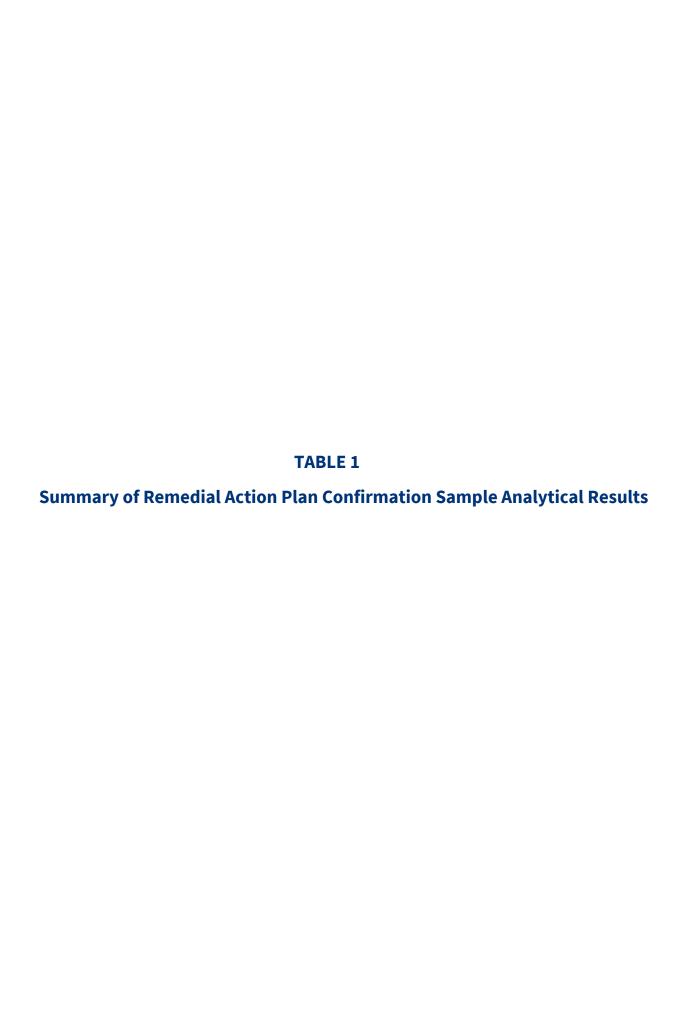
MADISON

Benjamin Peotter,

Environmental/Geological Engineer Project Manager

Wisconsin P.E. E-36784

Signature, Title and P.E. number



TETRA TECH

Summary of Remedial Action Plan Confirmation Sample Analytical Results WM Waste, Inc. **Union Grove, Wisconsin**

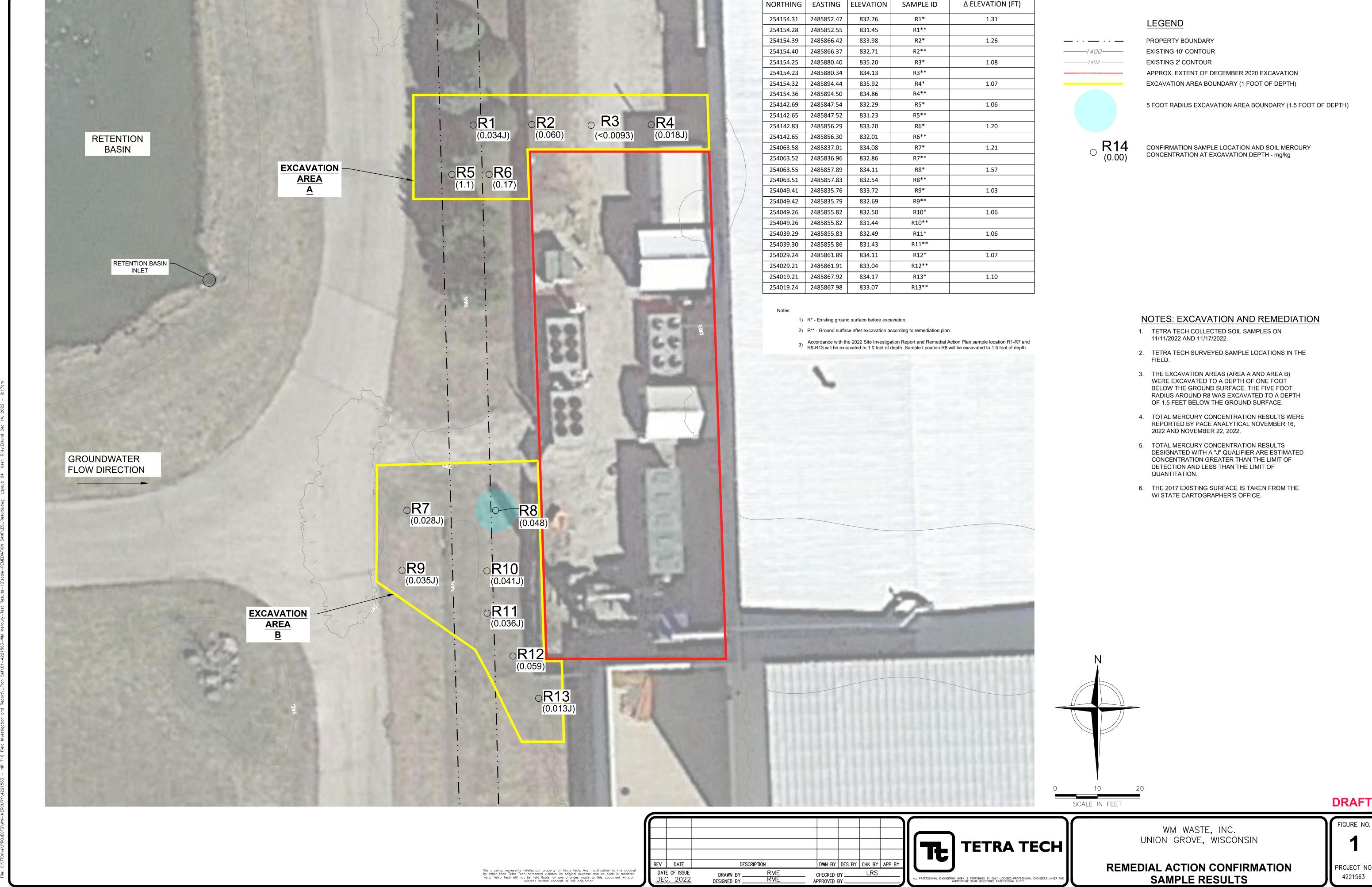
Client Project	Sample ID	Lab ID	Collected Date	Method	Matrix	Parameter	Results	Units
WM Waste, Inc.	R1	40254960001	11/17/2022 12:35	EPA 7471	Solid	Mercury	0.034J	mg/kg
WM Waste, Inc.	R2	40254960002	11/17/2022 12:40	EPA 7471	Solid	Mercury	0.060	mg/kg
WM Waste, Inc.	R3	40254960003	11/17/2022 13:30	EPA 7471	Solid	Mercury	<0.0093	mg/kg
WM Waste, Inc.	R4	40254960004	11/17/2022 13:40	EPA 7471	Solid	Mercury	0.018J	mg/kg
WM Waste, Inc.	R5	40254960005	11/17/2022 12:45	EPA 7471	Solid	Mercury	1.1	mg/kg
WM Waste, Inc.	R6	40254960006	11/17/2022 12:50	EPA 7471	Solid	Mercury	0.17	mg/kg
WM Waste, Inc.	R7	40254660001	11/11/2022 9:15	EPA 7471	Solid	Mercury	0.028J	mg/kg
WM Waste, Inc.	R8	40254660002	11/11/2022 9:20	EPA 7471	Solid	Mercury	0.048	mg/kg
WM Waste, Inc.	R9	40254660003	11/11/2022 9:25	EPA 7471	Solid	Mercury	0.035J	mg/kg
WM Waste, Inc.	R10	40254660004	11/11/2022 9:30	EPA 7471	Solid	Mercury	0.041J	mg/kg
WM Waste, Inc.	R11	40254660005	11/11/2022 9:35	EPA 7471	Solid	Mercury	0.036J	mg/kg
WM Waste, Inc.	R12	40254660006	11/11/2022 9:45	EPA 7471	Solid	Mercury	0.059	mg/kg
WM Waste, Inc.	R13	40254660007	11/11/2022 9:40	EPA 7471	Solid	Mercury	0.013J	mg/kg
WM Waste, Inc.	RINSATE 1	40254660008	11/11/2022 9:50	EPA 7470	Water	Mercury	<0.066	ug/L
WM Waste, Inc.	RINSATE 2	40254960007	11/17/2022 13:45	EPA 7470	Water	Mercury	<0.066	ug/L

Notes:

- 1) Confirmation samples were taken at the base of the excavation.
- 2) Total Mercury concentration results designated with a "J" qualifier are estimated concentrations greater than the limit of quantitation.
- 3) Rinsate samples were collected to confirm the effectiveness of equipment decontamination between samples.

Prepared By: LRS Checked By: LPD

Figure 1 Remedial Action Confirmation Sample Results



DRAWN BY.

DESIGNED BY _

PROJECT NO. 4221563

Attachment 1
Laboratory Reports





November 16, 2022

Luke Specketer TETRATECH - Madison 8413 Excelsior Drive Madison, WI 53717

RE: Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

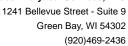
Dan Milewsky dan.milewsky@pacelabs.com (920)469-2436

Jan Miland

Project Manager

Enclosures







CERTIFICATIONS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150

South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A



SAMPLE SUMMARY

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254660001	R-7	Solid	11/11/22 09:15	11/12/22 09:15
40254660002	R-8	Solid	11/11/22 09:20	11/12/22 09:15
40254660003	R-9	Solid	11/11/22 09:25	11/12/22 09:15
40254660004	R-10	Solid	11/11/22 09:30	11/12/22 09:15
40254660005	R-11	Solid	11/11/22 09:35	11/12/22 09:15
40254660006	R-12	Solid	11/11/22 09:40	11/12/22 09:15
40254660007	R-13	Solid	11/11/22 09:45	11/12/22 09:15
40254660008	RINSATE 1	Water	11/11/22 09:50	11/12/22 09:15



SAMPLE ANALYTE COUNT

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254660001	R-7	EPA 7471	AJT	1
		ASTM D2974-87	TMP	1
40254660002	R-8	EPA 7471	AJT	1
		ASTM D2974-87	TMP	1
40254660003	R-9	EPA 7471	AJT	1
		ASTM D2974-87	TMP	1
40254660004	R-10	EPA 7471	AJT	1
		ASTM D2974-87	TMP	1
40254660005	R-11	EPA 7471	AJT	•
		ASTM D2974-87	TMP	
40254660006	R-12	EPA 7471	AJT	•
		ASTM D2974-87	TMP	•
40254660007	R-13	EPA 7471	AJT	
		ASTM D2974-87	TMP	
40254660008	RINSATE 1	EPA 7470	AJT	

PASI-G = Pace Analytical Services - Green Bay

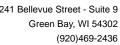


SUMMARY OF DETECTION

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

•						
Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40254660001	R-7					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.028J 16.0	mg/kg %	0.038 0.10	11/16/22 10:00 11/14/22 15:19	
40254660002	R-8					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.048 21.0	mg/kg %	0.041 0.10	11/16/22 10:07 11/14/22 15:19	
40254660003	R-9					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.035J 12.4	mg/kg %		11/16/22 10:09 11/14/22 15:19	
40254660004	R-10					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.041J 15.5	mg/kg %	0.041 0.10	11/16/22 10:12 11/14/22 15:19	
40254660005	R-11					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.036J 15.1	mg/kg %	0.037 0.10	11/16/22 10:14 11/14/22 15:19	
40254660006	R-12					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.059 13.8	mg/kg %		11/16/22 10:16 11/14/22 16:59	
40254660007	R-13					
EPA 7471 ASTM D2974-87	Mercury Percent Moisture	0.013J 12.8	mg/kg %	0.038 0.10	11/16/22 10:18 11/14/22 16:59	





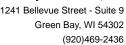
Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-7 Lab ID: 40254660001 Collected: 11/11/22 09:15 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.028J	mg/kg	0.038	0.011	1	11/15/22 08:19	11/16/22 10:00	7439-97-6	
Percent Moisture	,	Method: AST lytical Service	M D2974-87 es - Green Bay	/					
Percent Moisture	16.0	%	0.10	0.10	1		11/14/22 15:19		





Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-8 Lab ID: 40254660002 Collected: 11/11/22 09:20 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	,		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.048	mg/kg	0.041	0.012	1	11/15/22 08:19	11/16/22 10:07	7439-97-6	
Percent Moisture	•	Method: AST ytical Service	M D2974-87 es - Green Bay	/					
Percent Moisture	21.0	%	0.10	0.10	1		11/14/22 15:19		





Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-9 Lab ID: 40254660003 Collected: 11/11/22 09:25 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	,		. 7471 Prepar s - Green Bay		od: EPA	7471			
Mercury	0.035J	mg/kg	0.035	0.010	1	11/15/22 08:19	11/16/22 10:09	7439-97-6	
Percent Moisture	•		M D2974-87 s - Green Bay	y					
Percent Moisture	12.4	%	0.10	0.10	1		11/14/22 15:19		



ANALYTICAL RESULTS

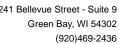
Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-10 Lab ID: 40254660004 Collected: 11/11/22 09:30 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.041J	mg/kg	0.041	0.012	1	11/15/22 08:19	11/16/22 10:12	7439-97-6	
Percent Moisture	•		M D2974-87 es - Green Bay	y					
Percent Moisture	15.5	%	0.10	0.10	1		11/14/22 15:19		





Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-11 Lab ID: 40254660005 Collected: 11/11/22 09:35 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EPA	A 7471			
Mercury	0.036J	mg/kg	0.037	0.011	1	11/15/22 08:19	11/16/22 10:14	7439-97-6	
Percent Moisture	,		M D2974-87 es - Green Bay	y					
Percent Moisture	15.1	%	0.10	0.10	1		11/14/22 15:19		



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-12 Lab ID: 40254660006 Collected: 11/11/22 09:40 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury			. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.059	mg/kg	0.038	0.011	1	11/15/22 08:19	11/16/22 10:16	7439-97-6	
Percent Moisture	,		M D2974-87 es - Green Bay	/					
Percent Moisture	13.8	%	0.10	0.10	1		11/14/22 16:59		

Green Bay, WI 54302 (920)469-2436



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: R-13 Lab ID: 40254660007 Collected: 11/11/22 09:45 Received: 11/12/22 09:15 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.013J	mg/kg	0.038	0.011	1	11/15/22 08:19	11/16/22 10:18	7439-97-6	
Percent Moisture	•		M D2974-87 es - Green Bay	y					
Percent Moisture	12.8	%	0.10	0.10	1		11/14/22 16:59		





Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

Sample: RINSATE 1 Lab ID: 40254660008 Collected: 11/11/22 09:50 Received: 11/12/22 09:15 Matrix: Water

Parameters Results Units LOQ LOD DF Prepared Analyzed CAS No. Qual

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Pace Analytical Services - Green Bay

Mercury **<0.066** ug/L 0.20 0.066 1 11/14/22 10:45 11/15/22 09:10 7439-97-6



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

QC Batch: 431368 Analysis Method: EPA 7470

QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254660008

METHOD BLANK: 2484481 Matrix: Water

Associated Lab Samples: 40254660008

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Mercury ug/L <0.066 0.20 11/15/22 07:16

LABORATORY CONTROL SAMPLE: 2484482

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury ug/L 4.9 99 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484483 2484484

MS MSD

40254438001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual Result <0.066 5 4.8 20 Mercury ug/L 5 4.7 95 95 85-115 0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

LABORATORY CONTROL SAMPLE:

Date: 11/16/2022 03:41 PM

QC Batch: 431481 Analysis Method: EPA 7471

QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254660001, 40254660002, 40254660003, 40254660004, 40254660005, 40254660006, 40254660007

METHOD BLANK: 2484870 Matrix: Solid

Associated Lab Samples: 40254660001, 40254660002, 40254660003, 40254660004, 40254660005, 40254660006, 40254660007

Blank Reporting

 Parameter
 Units
 Result
 Limit
 Analyzed
 Qualifiers

 Mercury
 mg/kg
 <0.010</td>
 0.035
 11/16/22 09:48

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury 0.83 0.85 102 85-115 mg/kg

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484872 2484873

2484871

MS MSD

40254484001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Conc. Limits 0.050 0.99 20 Mercury mg/kg 0.92 0.9 0.97 103 102 85-115 2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

QC Batch: 431439 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254660001, 40254660002, 40254660003, 40254660004, 40254660005

SAMPLE DUPLICATE: 2484706

Date: 11/16/2022 03:41 PM

		20260694003	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Percent Moisture	%	3.1	3.0	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

QC Batch: 431448 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254660006, 40254660007

SAMPLE DUPLICATE: 2484769

Date: 11/16/2022 03:41 PM

ParameterUnits40254565002 ResultDup ResultMax ResultRPDQualifiersPercent Moisture%18.918.7110

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 11/16/2022 03:41 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254660

Date: 11/16/2022 03:41 PM

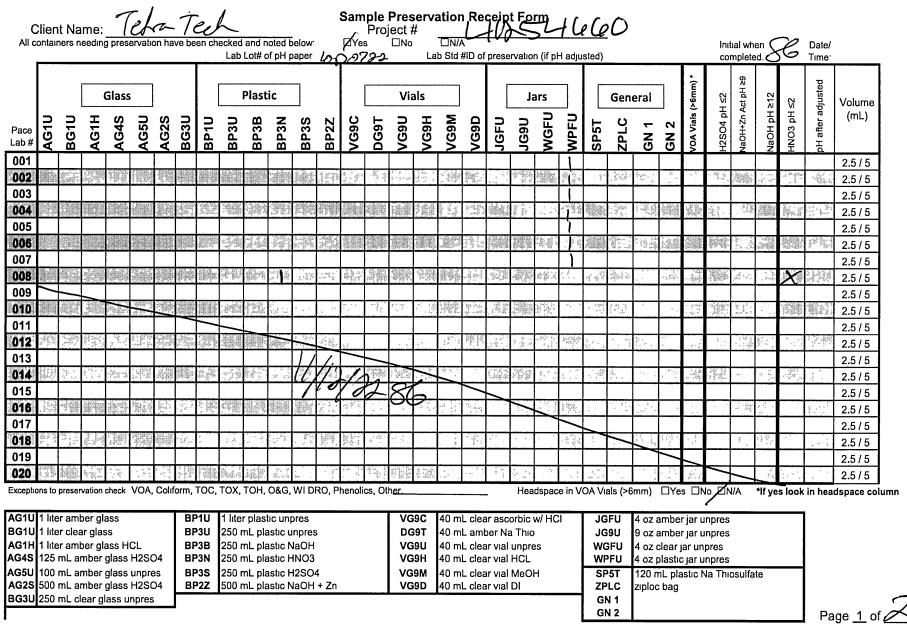
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
40254660008	RINSATE 1	EPA 7470	431368	EPA 7470	431407
40254660001	R-7	EPA 7471	431481	EPA 7471	431556
40254660002	R-8	EPA 7471	431481	EPA 7471	431556
40254660003	R-9	EPA 7471	431481	EPA 7471	431556
40254660004	R-10	EPA 7471	431481	EPA 7471	431556
40254660005	R-11	EPA 7471	431481	EPA 7471	431556
10254660006	R-12	EPA 7471	431481	EPA 7471	431556
40254660007	R-13	EPA 7471	431481	EPA 7471	431556
40254660001	R-7	ASTM D2974-87	431439		
10254660002	R-8	ASTM D2974-87	431439		
40254660003	R-9	ASTM D2974-87	431439		
40254660004	R-10	ASTM D2974-87	431439		
40254660005	R-11	ASTM D2974-87	431439		
40254660006	R-12	ASTM D2974-87	431448		
40254660007	R-13	ASTM D2974-87	431448		

	CHAIN	OF CU	ICTODY	Analuti	ical Dog	uest De	2011220		Т		LAE	3 USE C	ONLY-	Affix \	Vorkor	der/Lo	zin Labe	l Here or Li	ist Pace Workorder Nu	mber o		
Pace Analytical*			ISTODY Analytical Request Document					MTJL Log-in Number Here														
/		of-Custody		DOCUMEN	IT - Comple	te all relev	ent fields		4						-		-1	, , L	4654	וטו	οÛ	1
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Phone: LOS 346 1677 Email: Loke S Above	Site/Facility ID	H: WM	i Mercu 10.	·γ ,	Complian [X] Yes	ce Monitor No			Mercury	Mercuny	,							Colle	dy Signatures Pres otor Signature Pre es Intact		Y N N Y N N Y N N	IA
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LU Jan Poryon	Quote #:				DW Locat	ion Code: ely Packed	on Ice		total	10tal			s,d.		4,1			Samp	cient Volume es Received on Ice	h.	YNN	IA.
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Dispose as appropriate [] Return [] Archive	[] Sa [] 2 Day		[] Next D [] 4 Day		[] Yes Analysis:	[M No	ı		120ml	S	11				d.			Sample pH St	e pH Acceptable	A	Y N N	A
[] Hold:	<u> </u>	•	arges Apply)						12	100	٠,				, in			Sulfic	de Present Acetate Strips	>/	YNN	A
* Matrix Codes (Insert in Matrix bo: Product (P), Soil/Solid (SL), Oil (Ol									Plashe	Plashre	e				,		N.	LAB US	SE ONLY:		· /	
Customer Sample ID	Matrıx *	Comp / Grab	1	cted (or site Start)	Compo	site End	Res Cl	# of Ctns	183	So								Lab Sa	ample # / Comments	:		
			Date	Time	Date	Time	<u> </u>		 	10										4	-	
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Rinsate 1	O I	01	11/11/62	14.50		<u> </u>			 	•			\dashv	\dashv				100	. १ अवस्तिः	,		
Customer Remarks / Special Conditi	ons / Possible H	lazards:	Type of Ic	e Used:	Wet B	llue Dr	y No	ne		SHO	RT HOL	DS PR	ESENT	(<72	hours):	Y, 1	N/A	<u> </u>	Lab Sample Temperat	ure Info		
customer nemarks / special contain	01137 1 0331010 1	idzui usi		aterial Use		26			, «	_	Trackin	~		100		5	water 4		Temp Blank Receiv	ed:	Y, N	NA
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			Radchem	sample(s) s	creened ((00 cpm):	YN	NA	1		oles rec		via:	.es	ato.	7	D C		Cooler 1 Darrin Co Cooler 2 Corrected	r Faat	or:	oc
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															PB:				11.3 / 110		·	

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DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form

Effective Date: 8/16/2022



DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR

Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)

				Project #:		
Client Name: Tedra Tech			_		MO# :	40254660
Courier: CS Logistics Fed Ex Speede	е 🗀	UPS	□ W	/altco		
Client Pace Other:						
Tracking #: 3905 329655	89			_	40254660	
Custody Seal on Cooler/Box Present: yes	no	Seals	intact:	☐ yes ☐ no		
Custody Seal on Samples Present: yes	no	Seals	intact:	🗌 yes 🗔 no		
Packing Material: Bubble Wrap Bubble	le Bag	s /	None	Other		
Thermometer Used SR - 9	Туре	of Ice	: Wet	Blue Dry None	Meltwater 0	
Cooler Temperature Uncorr: O /Corr			_			Person examining contents:
Temp Blank Present: yes no		Biolo	gical T	issue is Frozen: [_ yes _ no	Date: <u>W/2/24</u> Initials: <u>86</u>
Temp should be above freezing to 6° C. Biota Samples may be received at \leq 0°C if shipped on Dry	/ Ice.					Labeled By Initials:
Chain of Custody Present:	Yes	□No	□n/a	1.		
Chain of Custody Filled Out:	□Yes	⊠No	□n/a	2. pg #		11/12/2286
Chain of Custody Relinquished:	Yes	□No	□n/a	3.		. ,
Sampler Name & Signature on COC:	Yes	□No	□n/a	4.		
Samples Arrived within Hold Time	Yes	□No		5.		
- DI VOA Samples frozen upon receipt	□Yes	□No		Date/Time:		
Short Hold Time Analysis (<72hr):	□Yes	ŹΝο		6.		
Rush Turn Around Time Requested:	Yes	□No		7.		
Sufficient Volume:		,		8.		
For Analysis: ZYes □No MS/MSD:	□Yes	√No	□n/a			
Correct Containers Used:	Yes	□No		9.		
Correct Type: Pace Green Bay, Pace IR, Non-Pace						
Containers Intact.	Yes	□No		10.		
Filtered volume received for Dissolved tests	□Yes	□No	N/A	11.		
Sample Labels match COC:	Yes	□No	□n/a	12.		
-Includes date/time/ID/Analysis Matrix: 52	101	~ 				
Trip Blank Present:	□Yes	□No	ØN/A	13.		
Trip Blank Custody Seals Present	□Yes	□No	Z N/A			
Pace Trip Blank Lot # (if purchased):						
Client Notification/ Resolution:			Deta		hecked, see attach	ned form for additional comments
Person Contacted:Comments/ Resolution			_Date/	mile:		
Comments/ Resolution						

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logic

Page 2 of 2





November 22, 2022

Luke Specketer TETRATECH - Madison 8413 Excelsior Drive Madison, WI 53717

RE: Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

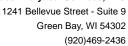
Dan Milewsky dan.milewsky@pacelabs.com (920)469-2436

Jan Miland

Project Manager

Enclosures







CERTIFICATIONS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302 Florida/NELAP Certification #: E87948 Illinois Certification #: 200050 Kentucky UST Certification #: 82 Louisiana Certification #: 04168 Minnesota Certification #: 055-999-334 New York Certification #: 12064 North Dakota Certification #: R-150

South Carolina Certification #: 83006001 Texas Certification #: T104704529-21-8 Virginia VELAP Certification ID: 11873 Wisconsin Certification #: 405132750 Wisconsin DATCP Certification #: 105-444 USDA Soil Permit #: P330-21-00008 Federal Fish & Wildlife Permit #: 51774A



SAMPLE SUMMARY

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40254960001	R-1	Solid	11/17/22 12:35	11/18/22 09:30
40254960002	R-2	Solid	11/17/22 12:40	11/18/22 09:30
40254960003	R-3	Solid	11/17/22 13:30	11/18/22 09:30
40254960004	R-4	Solid	11/17/22 13:40	11/18/22 09:30
40254960005	R-5	Solid	11/17/22 12:45	11/18/22 09:30
40254960006	R-6	Solid	11/17/22 12:50	11/18/22 09:30
40254960007	RINSATE 2	Water	11/17/22 13:45	11/18/22 09:30



SAMPLE ANALYTE COUNT

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40254960001	R-1	EPA 7471	AJT	,
		ASTM D2974-87	MRP	
40254960002	R-2	EPA 7471	AJT	
		ASTM D2974-87	MRP	•
40254960003	R-3	EPA 7471	AJT	
		ASTM D2974-87	MRP	
40254960004	R-4	EPA 7471	AJT	
		ASTM D2974-87	MRP	
40254960005	R-5	EPA 7471	AJT	
		ASTM D2974-87	MRP	
40254960006	R-6	EPA 7471	AJT	
		ASTM D2974-87	MRP	
40254960007	RINSATE 2	EPA 7470	AJT	

PASI-G = Pace Analytical Services - Green Bay



SUMMARY OF DETECTION

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40254960001	R-1					
EPA 7471	Mercury	0.034J	mg/kg	0.049	11/22/22 09:13	
ASTM D2974-87	Percent Moisture	29.1	%	0.10	11/19/22 10:31	
10254960002	R-2					
EPA 7471	Mercury	0.060	mg/kg	0.040	11/22/22 09:20	
ASTM D2974-87	Percent Moisture	20.7	%	0.10	11/19/22 10:31	
0254960003	R-3					
ASTM D2974-87	Percent Moisture	5.0	%	0.10	11/19/22 10:31	
10254960004	R-4					
EPA 7471	Mercury	0.018J	mg/kg	0.037	11/22/22 09:25	
ASTM D2974-87	Percent Moisture	8.7	%	0.10	11/19/22 10:31	
0254960005	R-5					
EPA 7471	Mercury	1.1	mg/kg	0.043	11/22/22 09:27	
ASTM D2974-87	Percent Moisture	27.0	%	0.10	11/19/22 10:31	
0254960006	R-6					
EPA 7471	Mercury	0.17	mg/kg	0.042	11/22/22 09:30	
ASTM D2974-87	Percent Moisture	19.8	%	0.10	11/19/22 10:31	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-1 Lab ID: 40254960001 Collected: 11/17/22 12:35 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.034J	mg/kg	0.049	0.014	1	11/21/22 07:13	11/22/22 09:13	7439-97-6	
Percent Moisture	•		M D2974-87 es - Green Bay	y					
Percent Moisture	29.1	%	0.10	0.10	1		11/19/22 10:31		

Green Bay, WI 54302 (920)469-2436



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-2 Lab ID: 40254960002 Collected: 11/17/22 12:40 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.060	mg/kg	0.040	0.011	1	11/21/22 07:13	11/22/22 09:20	7439-97-6	
Percent Moisture	•		M D2974-87 es - Green Bay	y					
Percent Moisture	20.7	%	0.10	0.10	1		11/19/22 10:31		



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-3 Lab ID: 40254960003 Collected: 11/17/22 13:30 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		A 7471 Prepar es - Green Ba		od: EP/	A 7471			
Mercury	<0.0093	mg/kg	0.032	0.0093	1	11/21/22 07:13	11/22/22 09:23	7439-97-6	
Percent Moisture	,		TM D2974-87 es - Green Ba	y					
Percent Moisture	5.0	%	0.10	0.10	1		11/19/22 10:31		

241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436



ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-4 Lab ID: 40254960004 Collected: 11/17/22 13:40 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	,		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.018J	mg/kg	0.037	0.011	1	11/21/22 07:13	11/22/22 09:25	7439-97-6	
Percent Moisture	•	Method: AST ytical Service	M D2974-87 es - Green Bay	/					
Percent Moisture	8.7	%	0.10	0.10	1		11/19/22 10:31		

241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436



ANALYTICAL RESULTS

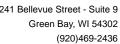
Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-5 Lab ID: 40254960005 Collected: 11/17/22 12:45 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		A 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	1.1	mg/kg	0.043	0.012	1	11/21/22 07:13	11/22/22 09:27	7439-97-6	
Percent Moisture	,	Method: AST	TM D2974-87 es - Green Bay	y					
Percent Moisture	27.0	%	0.10	0.10	1		11/19/22 10:31		





ANALYTICAL RESULTS

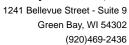
Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: R-6 Lab ID: 40254960006 Collected: 11/17/22 12:50 Received: 11/18/22 09:30 Matrix: Solid

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	•		. 7471 Prepar es - Green Bay		od: EP/	A 7471			
Mercury	0.17	mg/kg	0.042	0.012	1	11/21/22 07:13	11/22/22 09:30	7439-97-6	
Percent Moisture	•		M D2974-87 es - Green Bay	/					
Percent Moisture	19.8	%	0.10	0.10	1		11/19/22 10:31		





ANALYTICAL RESULTS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Sample: RINSATE 2 Lab ID: 40254960007 Collected: 11/17/22 13:45 Received: 11/18/22 09:30 Matrix: Water

Parameters Results Units LOQ LOD DF Prepared Analyzed CAS No. Qual

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Pace Analytical Services - Green Bay

Mercury **<0.066** ug/L 0.20 0.066 1 11/21/22 10:30 11/22/22 06:58 7439-97-6



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

QC Batch: 432039 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254960007

METHOD BLANK: 2488327 Matrix: Water

Associated Lab Samples: 40254960007

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Mercury ug/L <0.066 0.20 11/22/22 06:54

LABORATORY CONTROL SAMPLE: 2488328

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury ug/L 4.8 97 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2488329 2488330

MS MSD 40254960007 Spike Spike

40254960007 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual <0.066 5 4.8 20 Mercury ug/L 5 4.7 96 95 85-115 2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

Date: 11/22/2022 02:12 PM

Mercury

QC Batch: 431992 Analysis Method: EPA 7471

QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254960001, 40254960002, 40254960003, 40254960004, 40254960005, 40254960006

METHOD BLANK: 2488187 Matrix: Solid

Associated Lab Samples: 40254960001, 40254960002, 40254960003, 40254960004, 40254960005, 40254960006

Blank Reporting

 Parameter
 Units
 Result
 Limit
 Analyzed
 Qualifiers

 mg/kg
 <0.010</td>
 0.035
 11/22/22 09:09

LABORATORY CONTROL SAMPLE: 2488188

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury 0.83 0.82 98 85-115 mg/kg

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2488189 2488190

MS MSD

40254960001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Limits 0.034J Mercury mg/kg 1.2 1.2 1.1 1.2 96 95 85-115 20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

QC Batch: 431971 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40254960001, 40254960002, 40254960003, 40254960004, 40254960005, 40254960006

SAMPLE DUPLICATE: 2488103

Date: 11/22/2022 02:12 PM

ParameterUnits40254946001 ResultDup ResultMax RPDMax RPDPercent Moisture%5.95.9010

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 11/22/2022 02:12 PM

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WM-WASTE SOIL SAMPLING

Pace Project No.: 40254960

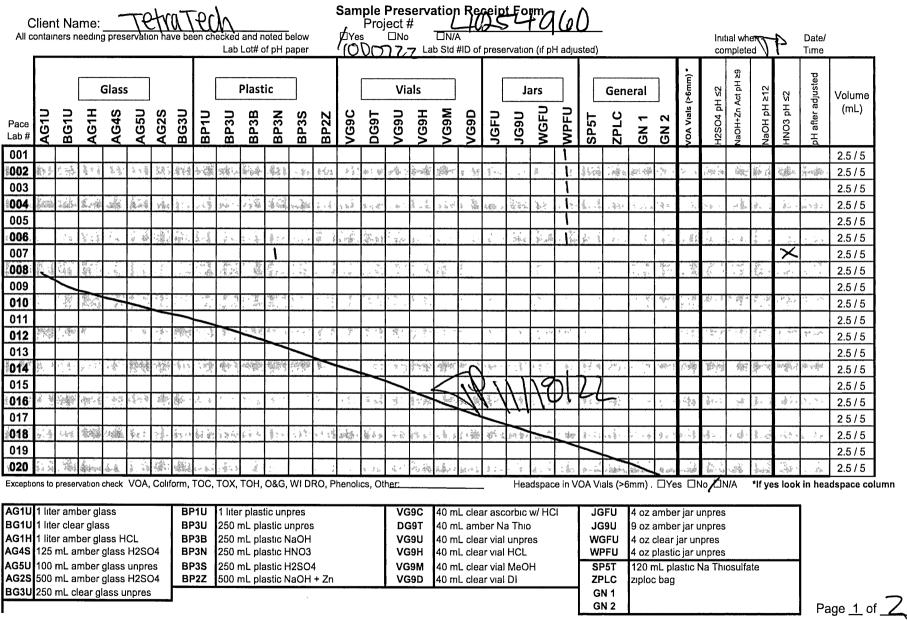
Date: 11/22/2022 02:12 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40254960007	RINSATE 2	EPA 7470	432039	EPA 7470	432068
40254960001	R-1	EPA 7471	431992	EPA 7471	432062
40254960002	R-2	EPA 7471	431992	EPA 7471	432062
40254960003	R-3	EPA 7471	431992	EPA 7471	432062
40254960004	R-4	EPA 7471	431992	EPA 7471	432062
40254960005	R-5	EPA 7471	431992	EPA 7471	432062
40254960006	R-6	EPA 7471	431992	EPA 7471	432062
40254960001	R-1	ASTM D2974-87	431971		
40254960002	R-2	ASTM D2974-87	431971		
40254960003	R-3	ASTM D2974-87	431971		
40254960004	R-4	ASTM D2974-87	431971		
40254960005	R-5	ASTM D2974-87	431971		
40254960006	R-6	ASTM D2974-87	431971		

10	CHAIN	-OF-CU	-CUSTODY Analytical Request Document					ent			LAE	USE	ONLY-	Affix V	Vorko	•	_		Here or Lis mber Here	t Pace Workorder Number or		
/ Pace Analytical*	Chain-	of-Custody	is a LEGAL	DOCUMEN	IT - Complet	te all releve	nt fields	i			r					MII	r rog-i	ii ivul	nuer nere	4054960		
Company: Tetra Tech		,	Billing Info	ormation:	Steve rand A	SMOJ K							ALL	. SH	ADE	D AI	REAS	are	e for LA	AB USE ONLY		
Address: 8413 Excelsion Madiso	Drive, SJ	18/16D	214	nion	Gove	WI	5318	2	v	1	Cor	ntaine	Prese	rvativ	е Туре	e **	1		Lab Proje	ct Manager:		
Report To: luke. Speckete	r @tetrot	ech.com	Email To:	SSmol	KO @	WM.C	m		** P	reserva										sodium hydroxide, (5) zinc acetate, bic acid, (B) ammonium sulfate,		
Copy To: lee.daigle@te	tratech. C	om	Site Collec	ction Info/	Address: W	M Was	He, Un			ammoni			(D) TSF	, (U) U						_		
Customer Project Name/Number:				County/C		me Zone Co	llected:	-	1	Т	Ι		Anal	yses		1	П		Lab Profil	e/Line: ample Receipt Checklist:		
WM-Waste Soil So		. 4.	MT/	00000 (more !			[] ET	ځ	2	Ì		Jo.	3			,			dy Seals Present/Intact Y N NA		
Phone: 608370 1677 Email: Luke S - Above	Site/Facility ID	, Jaste	In	e.	Compliani Yes	ce Monitori No	•		Marcuny	Mercury									Collec	dy Signatures Present Y N NA		
Collected By (print):	Purchase Orde				DW PWS				1 5	1							* 1		Correc	es Intact Y N MA ot Bottles Y N NA cient Volume N NA		
Collected By (signature):	Quote #: Turnaround D	ato Poque	od:		DW Locat	ion Code: ely Packed	on Ice:		10tal	Total									Sample	Headspace Acceptable Regulated Soils		
Live	A	9A2	cu.		[X Yes	[] No			₽	=							1		USDA F	Regulated Soils Y N NA es in Holding Time N N NA		
Sample Disposal: [Dispose as appropriate [] Return	Rush:	me Day	[] Nevt D	Field Filtered (if applicable): ext Day [] Yes [No				1						e.				Residu	es in Holding Time all Chlorine Present N NA 8 12 12			
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* Matrix Codes (Insert in Matrix box		ing Water		ınd Water	.1		١٨/١		12	25			55 F2 F		ď		į.		Sulfic	de Present Y N NA Acetate Strips:		
Product (P), Soil/Solid (SL), Oil (Ol									ڊ [ږ									l	SE ONLY:		
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R-3	SL	G		13:30		ļ	<u> </u>	_	1											003		
R-4	SL SL	G		13:40		<u> </u>	ļ	╁	11		ļ.,									004		
R-5 R-6	SL	G	11/17/71	12:45		 		+	+-		, , , , , , , , , , , , , , , , , , ,									002		
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Customer Remarks / Special Condition	ions / Possible	Hazards:	Type of Ic	e Used:	Wet	Blue Di	ry N	one		SHO	RT HC	DLDS P	RESEN	Γ (<72	hours	s)· Y	-N-	N/A	n)	Lab Sample Temperature Info:		
			Packing M	laterial Use	ed:	, ,, 49	s. X			_lab	Iraekt	ng#:	_ე:	70	ე ე ე	0.0	·,01		0	Temp Blank Received: Y N NA Therm ID#:		
									·····	Sam	nloc re	eceive		10	<u> </u>	366)			Cooler 1 Temp Upon Receipt: 60 Cooler 1 Therm Core Factor: 0C		
			Radchem	sample(s)	screened (<	500 cpm): ˌ	Υ. Ι	NA ® NA	١,		FEDEX		PS~	Client	: 0	Courier	· Pa	ice Co	ourier®	Cooler 1 Therm Corr Factor:oC Cooler 1 Corrected Temp:oC		
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Received by/Company: (Signature)					ture)			Date/	Time:					L LAB (JSE C	NLY	Comments:					
W Tella Con												ļ	ole #: tnum:									
Relinquished by/Company: (Signature) Date/Time: (A2) Received by/Company: (Signature) AAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA					ture)			Date/	Time:	-60/ -60/	130	Ten	nplate:	;	•	/	Trip Blank Received: Y N NA					
Relinquished by/Company Company	T HALL		78/12	MC.	32	/ IMM	W/	MN	<u> </u>		1/16		<u> 00</u>	10		login:			p «	HCL MeOH TSP Other		
Relinquished by/Company: (Signature) Date/Time: TP\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					tu t e)	Non comornance(s).																
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DC#_Title: ENV-FRM-GBAY-0035 v03_Sample Preservation Receipt Form

Effective Date: 8/16/2022



DC#_Title: ENV-FRM-GBAY-0014 v03_SCUR Effective Date: 8/17/2022

Sample Condition Upon Receipt Form (SCUR)

	Project #:
Client Name: Tetra Tech	WO#: 40254960
Courier: CS Logistics Fod Ex Speedee UPS	Waltco
Client Pace Other:	
Tracking #: 3907 9233 34910	40254960
The state of the s	tact: 🗌 yes 🖺 no
	tact: ☐ yes ☐ no
	None Other
	VET Blue Dry None Meltwater Only Person examining contents:
Cooler Temperature Uncorr 4,0 /Corr. 4.5	
	cal Tissue is Frozen: ☐ yes☐ no Date: ₩18/22/Initials: 1
Temp should be above freezing to 6°C. Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.	Labeled By Initials:_mH
Chain of Custody Present: ✓ Yes □No □]N/A 1.
Chain of Custody Filled Out: ✓ Yes □No □]N/A 2.
Chain of Custody Relinquished: ✓ Yes □No □]N/A 3.
Sampler Name & Signature on COC:]N/A 4.
Samples Arrived within Hold Time: ✓ Yes □No	5.
- DI VOA Samples frozen upon receipt ☐Yes ☐No	Date/Time
Short Hold Time Analysis (<72hr): □Yes ⊅No	6.
Rush Turn Around Time Requested: ✓ Yes □No	7.
Sufficient Volume	8.
For Analysis: Øyes □No MS/MSD: □Yes ØNo □]N/A
Correct Containers Used: ✓ Yes □No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace	
Containers Intact: ✓ Yes □No	10.
Filtered volume received for Dissolved tests	N/A 11.
Sample Labels match COC: ☐Yes □No □]N/A 12.
-Includes date/time/ID/Analysis Matrix: S W	
Trip Blank Present: □Yes □No ⊅	ÎN/A 13.
Trip Blank Custody Seals Present □Yes □No 9	Ín/A
Pace Trip Blank Lot # (if purchased):	
Client Notification/ Resolution:	If checked, see attached form for additional comments ate/Time:
Person Contacted:D Comments/ Resolution	uto/fino.
PM Review is documented electronically in LIMs. By releasing	the project, the PM acknowledges they have reviewed the sample logic

Page ___ of ___

Attachment 2 Hazardous Waste Manifests

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	5. Ger	nerator's Name and Mailin	g Address							han mailing addre						
П			ercury Was													
П			Durand Ave Grove, WI 5		1070	2500										
П		ators Phone:		33102 (204	3 878-	.2399	<u> </u>									
П	b. Iran	nsporter 1 Company Nam								U.S. EPA ID						
П	7 Tran	nsporter 2 Company Nam	Robb	ie D Wood Inc				<u> </u>		U.S. EPA ID		067 138	891			
		Topolica E company rom									770111001					
П	8. Des	signated Facility Name an	d Site Address							U.S. EPA ID	Number					
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1				4 AL. Hwy 17	That gloss						ALD	000 622	464			
	Facility	y's Phone:		le. Al. 35459	63	<u> 051652-</u>	9721									
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	14 Sr	 pecial Handling Instruction	s and Additional Info	mation				1		<u> </u>				1		
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ı		L1 - Profile#	AL405021:	SOIL FOR STAI	BILIZA	TION (L	DAA MG	reury): 2	WI-20W1	876)						
ı			**Cha-	mbrae Contact.	Marmala.	AT COM	144470	koli g	20.420.1							
	15. (GENERATOR'S/OFFERO	R'S CERTIFICATION	N: I hereby declare that the espects in proper condition	contents o	of this consignm	ent are fully	and accurately	described abov	e by the proper s	hipping nam	e, and are classif	ed, pacl	aged,		
				gnment conform to the lem					iagunai governi	nentar regulations	s. II expuit Si	npment and ram	nie Etili	iary		
				dentified in 40 CFR 262 27	(a) (if I am	a large quantity		or (b) (if I am a s	mall quantity ge	enerator) is true.		1.0				
	Gener	ator's/Offeror's Printed/Ty	ped Name			1	Signature					Month	Day I	Year		
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1	18. Di:	screpancy														
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_	18b. A	Utemate Facility (or Gener	mtor)				ļ.	Manifest Referen	nce Number:	U.S. EPA ID	Number		ý			
	100.7	atemate raciity (or Gener	rator)							0.0 67710	146111061					
FAC.	Eacilib	y's Phone:								1						
日		y's Phone: Signature of Alternate Faci	lity (or Generator)				_			1		Month	Da	y Year		
MATI			•													
DESIGNATED FACILITY	19. Ha	azardous Waste Report M	lanagement Method (Codes (i.e., codes for haza	rdous waste	treatment, disp	osal, and re	cycling systems)							
Ä	1.			2			3.			4.						
1		<u> </u>									<u>.</u>					
		<u> </u>	or Operator: Certifica	tion of receipt of hazardous	materials c	covered by the n		ept as noted in It	lem 18a							
	Printe	d/Typed Name					Signature					Month	Day	Year		
₩																

Ple	ase print or type.	1 3m 1	and # 140 a	6.54	130	X#	25 For	n Approved	. OMB No.	2050-003
†	UNIFORM HAZARDOUS 1	. Generator ID Number	2. Page 1 of 3. Emo	ergency Respons	e Phone	4. Manifest	Tracking N	umber		
1	WASTE MANIFEST	WIR 000 000 356	1, 1	800-42/	4-9300	_ - U	<u> 165</u>	159	2/G	Bh
	21211 Union	ercury Waste, Inc. Durand Ave	Genera 878-2599	tor's Site Address	s (if different t	nan mailing addre	ess)			y
ı	Generator's Phone: 6. Transporter 1 Company Name					U.S. EPA ID	Number			
		Robbie D Wood Inc					AL	.D 067 :	1.38 89	1.
ŝ	7. Transporter 2 Company Name					U.S. EPA ID	Number			
Į,	8 Designated Facility Name and		_			U.S. EPA ID	Number			
	1,20	Chemical Waste Mana 36964 AL. Hwy 17	agement				AL	D 000 d	522 4 6	4
	Facility's Phone:	Emelle, AL 35459	(205)652-9721							
	9a. 9b. U.S. DOT Description HM and Packing Group (if any	(including Proper Shipping Name, Hazard Class, ID	Number,	10. Conta	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code	s
ı	1.			140.	Туре	addinary	**********	D009		
GENERATOR	X RQ, NA3077, PGIII	Hazardous Waste, Solid, n.o.	.s.(Mercury), 9,	0001	CM	0025	Y	0002		
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4	14. Special Handling Instructions			1						
	marked and labeled/placarde Exporter, I certify that the cor	**Chemtrec Contact Nu S CERTIFICATION: I hereby declare that the conter ed, and are in all respects in proper condition for trans- stents of this consignment conform to the terms of the ization statement identified in 40 CFR 262.27(a) (if I a d Name	nts of this consignment are fully a sport according to applicable inte e attached EPA Acknowledgmen	and accurately de emational and nat t of Consent.	tional governm	by the proper shental regulations	nipping name . If export shi	, and are clas ipment and I a Mon	am the Prima	aged, ary Year
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NTL	16. International Shipments	Import to U.S.	Export from U.S.	Port of en	ntry/exit:					2 etheral
				Date leav	ing U.S.:					
岜	17. Transporter Acknowledgment o Transporter 1 Printed/Typed Name		Signature					Man	th D.	V
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TRANSPORTER	Transporter 2 Printed/Typed Name	100 1111	Signature	12411	1		11)	Mon	th Day	Year
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		L. duantity L. I			Markan	L Partial Rej	ecuon		Full Reje	cuon
È	18b. Alternate Facility (or Generate	or)	M	anifest Reference	a Number.	U.S. EPA ID N	lumber			
젊	Facility's Phone:					1				
DESIGNATED FACILITY	18c. Signature of Alternate Facility	(or Generator)						Mor	nth Day	Year
	19. Hazardous Waste Report Mana	agement Method Codes (i.e., codes for hazardous wa	aste trealment, disposal, and rec	cycling systems)						
DES	10	2.	3.	<u> </u>		4.				9
		perator: Certification of receipt of hazardous materia	als covered by the manifest exce	pt as noted in Iter	n 18a					
	Printed/Typed Name		Signature	_				Mon	th Day	Year
+								- 1	1	1

Ple	_	rint or type.											Form	Approved.	OMB No.	2050-00
11	V	VASTE MANIFEST	Generator ID Numb	er WIR non na	0.356	2. Page 1 of	3. Eme		100	hone 424-9		Manifest	Tracking N	3077		
Н	5. G	enerator's Name and Mailin	a Address	Waste, Inc.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		General	or's Site A	ddress (i	different t	han mail	ng addres	SS)			
П	1		21211 Duran	waste, mc.												
Н			Jnion Grove,		(262)	878-259	ο.									
Ш		erator's Phone:			(202)	070-235	7									
П	6. 16	ansporter 1 Company Name									U.S	EPA ID N	lumber			
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Н	7.316	ansporter 2 Company Name	•								U.S.	EPA ID N	lumber			
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П	0.00	congrided i dulity marile and		Chamitant total							U.S.	EPA ID N	lumber			
Н	ı			Chemical Wa 36964 AL. Hy		agement										
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П		9b. U.S. DOT Description					10 K-2				┯┸—					
Н	9a. HM	and Packing Group (if ar	n (moduling Proper Str. ny))	pping Name, nazaru Ci	ass, ib Number,	ı		10.0 No.	Container		11.1 Qua	Total	12. Unit WL/Vol.	13. W	aste Code	S
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П	14. S	pecial Handling Instructions	and Additional Informa	tion												
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Н		N	34:34:	Chemtrec Co	ntact Nu	mber: C	CN 24	117	100	PO:	#20-	1196				
	15. (GENERATOR'S/OFFEROR	'S CERTIFICATION: I	hereby declare that the	contents of this	s consignment a	re fully as	nd accurate	elu descri	had ahove	hy tho r	mnor chic	ping name,	and are classif	fied, packa	ged,
Ш	Ė	Exporter, I certify that the co	ed, and are in all respe ntents of this consignm	icts in proper condition i tent conform to the term	ior transport acc is of the attache	cording to applic d EPA Acknowle	able inter edament :	national an of Consent	d nationa	al governm	ental reg	ulations. I	f export ship	ment and I am	the Prima	iry
		certify that the waste minim	nization statement iden	tified in 40 CFR 262.27((a) (if I am a larg	je quantity gene	rator) or	(b) (if I am a	a small q	uantity ger	nerator) i	s true.				
		rator's/Offeror's Printed/Type				Sign	ature	11+	1,451	, ,				Month	Day	Year
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<u>-</u>	18. Dis	screpancy														
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_ <u>⊢</u>		iscrepancy Indication Space	C Quantity		Туре		Mar	Residue	rence Nu	mber:					Full Reje	ction
CILITY —			C Quantity		Туре		Mar		rence Nu	mber;		rtial Rejec			Full Reje	ction
FACILITY -	18b. Al		C Quantity		Туре		Mar		rence Nu	mber;					Full Reje	ction
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SIGNATED FACILITY	18b. Al Facility 18c. Si	Iternate Facility (or Generate	(or Generator)	s (i.e., codes for hazard		ment, disposal,	_	nifest Refer		mber:				Month		
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1	UNIFORM HAZARDOUS 1. Gei WASTE MANIFEST	nerator ID Number W/IR 000 000 356	* 2. Page 1 of [3, E	mergency Respons		4. Manifes	Tracking N	umber 159	25 G	RF		
	Union G	urand Ave.	Gend 52) 878-2599	rator's Site Addres	s (if different th	an mailing addre	ess)	<u> </u>		<u> </u>		
ı	Generator's Phone: 6. Transporter 1 Company Name	Robbie D Wood In	C I	<u> </u>		U.S. EPA ID	NumberAL	D 067 :	L38 89			
	7. Transporter 2 Company Name					U.S. EPA iD Number						
	Designated Facility Name and Site A Facility's Phone:	Chemical Waste M 36964 AL. Hwy 17 Emelle, AL 35459		1		U.S. EPA ID		D 000 6	522 46	4		
		uding Proper Shipping Name, Hazard Cla	ass, ID Number,	10. Conta	ainers Type	11. Total Quantity	12. Unil Wt./Vol.	13.	Waste Code	s		
GENERATOR —	x PGIII	zardeus Weste, Solid,	n.c.s.(Mercury), 9,	0001	СМ	0025	Y	£603				
- GENE	2.				10							
	3.	- 11-										
	4.			5	-18	11 -89%						
	marked and labeled/placarded, ar Exporter, I certify that the contents	**Chemtree Contact RTIFICATION: I hereby declare that the ad are in all respects in proper condition f s of this consignment conform to the term in statement identified in 40 CFR 262.27 me	contents of this consignment are ful or transport according to applicable its s of the attached EPA Acknowledom	y and accurately denternational and na	tional governm	by the proper st ental regulations	nipping name . If export shi	, and are clas pment and I a Mon	am the Prima	aged, ary Year		
<u>-</u>	16. International Shipments	Import to U.S.	Export from U.S.	Port of ea	fundanit:		_	17	12	78		
R INTL			a superior of the superior of	Date leav								
TRANSPORTER	Transporter 1 Printed/Typed Name Transporter 2 Printed/Typed Name	1	Signature Signature	ALLA	fr.	West	5	Mon	מינון ל	Year Year		
1	18. Discrepancy 18a. Discrepancy Indication Space	Quantity	Туре	Residue		Partial Rej	ection		Full Reje	ction		
DESIGNATED FACILITY -	18b. Alternate Facility (or Generator) Facility's Phone:		7	Manifest Reference	e Number:	U.S. EPA ID N	lumber		<u>,</u>	-		
NATED	18c. Signature of Alternate Facility (or G		1		Mor	nth Day	Year					
DESIG	19. Hazardous Waste Report Managem	ent Method Codes (i.e., codes for hazard	dous waste treatment, disposal, and a	ecycling systems)		4.			-			
	20. Designated Facility Owner or Opera Printed/Typed Name	tor Certification of receipt of hazardous i	materials covered by the manifest ex Signature	cept as noted in Iter	m 18a			Mon	th Day	Year		
+										1		

1	UNIF	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Number WIR 000 0	100 356	2. Page 1 of 1	3. Emergency Respons		4. Manifest	Tracking Num	pproved, 0		
П			PAGE BRY Waste, Inc			enerator's Site Addres	s (if different th	an mailing addre	ss)	002	<u> </u>	DI_
П			11 Durand Ave.						_			
Н		Unio	n Grove, WI 53182	(262) 878-	2599							
Н		rator's Phone: Insporter 1 Company Nan	TO TO THE PARTY OF					110 504 10				
Ш		maporter i Company ivan	Robbie D W	lood Inc				U.S. EPA ID		067 13	8 89	1.
Ш	7, Tra	insporter 2 Company Nan	ne					U.S. EPA ID I	Number			
Ш												
	8, De	signated Facility Name an		/asta Managen	nent			U.S. EPA ID I	Number			
Ш			36964 AL. I						ALD	000 62	2 46	4
П	Facili	ly's Phone:	Emelle, AL	35459 (2	205)652-9	721		1 =				
Ш	9a,	9b. U.S. DOT Descripti	ion (including Proper Shipping Name	, Hazard Class, ID Number	r,	10, Conta	iners	11. Total	12, Unit	40.111		
	НМ	and Packing Group (if			*-	No.	Туре	Quantity	Wt./Vol.	13. Waste Codes		
8	х	PGIII	, Hazardous Waste	, Solid, n.o.s.(M	tercury), 9	0001	CM	0025	L v L	7009		
Æ	12	PGIII										
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	14. St	ecial Handling Instruction	ns and Additional Information				<u> </u>					
Ш	L1 - Profile# AL405021: SOIL FOR STABILIZATION (Low Mercury): 25RLF											
	1E /	CENERATORICIOS ESPA					PO#20-					
Ш	r	marked and labeled/placa:	OR'S CERTIFICATION: I hereby decreed, and are in all respects in prope	er condition for transport ac	cording to applicat	le international and nat	iscribed above ional governm	by the proper shental regulations.	ipping name, a If export shipm	nd are classific ent and I am I	d packa: the Prima	ged, ry
	ı	exporter, I certify that the c certify that the waste min	contents of this consignment conformation statement identified in 40 (n to the terms of the attach CFR 262.27(a) (if I am a lar	ed EPA Acknowled rge quantity genera	gment of Consent. itor) or (b) (if I am a sm	all quantity gen	erator) is true.				
		ator's/Offeror's Printed/Ty			Signal	ure	- 4			Month	Day	Year
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INTL		emational Shipments porter signature (for expo	Import to U.S.		Export from U.S		ıtry/exit:			- 6		
		insporter Acknowledgmen	**			Date leav	ing U.S.:					
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틸	10D. A	Itemate Facility (or General	ator)					U.S. EPA ID N	umber			
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剾		ignature of Alternate Facili	lity (or Generator)			8				Month	Day	Year
ΣĮ										1	1	
DESIGNATED FACILITY	19. Ha	zardous Waste Report Ma	anagement Method Codes (i.e., code	es for hazardous waste trea		nd recycling systems)						
آ <u>.</u>	1.		2.		3.			4.				
	20. De	signated Facility Owner or	r Operator: Certification of receipt of	hazardous materials cover	red by the manifest	except as noted in the	n 18a					
		Typed Name	advantages of 1000th of	· · · · · · · · · · · · · · · · · · ·	Signat		106		<u> </u>	Month	Day	Year
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ease print or type.	600	14025	Cin	~~~	P 10 10					
UNIFORM HAZARDOUS WASTE MANIFEST	WIR 08	0 000 356	2. Page 1 of	3. Emergency Respor		3543 4. Manifes	st Tracking (m Approve Number		
5. Generator's Name and Majli	inp/ddresry Waste,	Inc.		Generator's Site Addre		than mailing addr	ress)	<u> 159</u>	<u>Zb (</u>	ji
212	11 Durand Ave. on Grove, WI 531									
Generator's Phone:		82 (262) 878	-2599							
6. Transporter 1 Company Nam		Wood Inc				U.S. EPA ID				_
7. Transporter 2 Company Nam						U.S. EPA ID		D 067	138 8	91
Designated Facility Name an	102-441					U.S. EFAID	Number			
o. Designated Facility Name an		Waste Managen	ment		III Sel	U.S. EPA ID	Number			
	36964 AL	Hwy 17	0				:41	D 000	622.4	e 18
Facility's Phone:	Emelle, A		205)652-9	721		1	****	a) 000	044 4	94
9a. 9b. U.S. DOT Description HM and Packing Group (if a	ion (including Proper Shipping N any))	ame, Hazard Class, ID Numbe	er,	10. Conta	iners	11. Total	12. Unit	40	111111111111111111111111111111111111111	
		h- 0-114	N .	No.	Туре	Quantity	Wt./Vol.		Waste Co	ies
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III - I I SHI										Г
L1 - Profile#	AL405021: SOIL	Contact Numbe	r: CCN24	17**	PO#20-3	1115				
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GENERATOR'S INITIAL COPY

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Unio	n Grove, WI 53182	(262) 878-	-2599								
Generator's Phone: 6. Transporter 1 Company Nam							110 50410	N			
o, transporter i Company Man	Robbie D Wo	od Inc					U.S. EPA ID		D 067 1	38 R9	31
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B. Designated Facility Name ar	of Cita Address										
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Facility's Phone:	Emelle, AL 3	5459 (2	205)652-	9721			1				17
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	Printe	d/Typed Name	, of the opt of the		Signat		AGU III IICIII	104			Mont	h Day	Year
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Ш		WM	Mercury Waste, Inc.					71				
Ш			1 Durand Ave.									
Ш		linio	n Grove, WI 53182	(262) 878-	2599 1							
		ator's Phone.		(202) 070	4.535							
Ш	6. Tra	nsporter 1 Company Nam	n e					U.S. EPA ID	Number			
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Н			ns and Additional Information									
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ΙL	I	certify that the waste min	imization statement identified in 40 CF	R 262.27(a) (if I am a larg	ge quantity generate	r) or (b) (if I am a sma	all quantity ger	nerator) is true.				
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Attachment 3
Photographic Log

Page 1 of 24



Photograph No. 1

Date: 11/10/2022

Excavation area B soil excavation. Looking Northeast (Reference Figure

B.2.a.1).

Page 2 of 24



Photograph No. 2 Date: 11/10/2022

Limits of excavation area B staked out. Looking North (Reference Figure B.2.a.1).

Page 3 of 24



Photograph No. 3

Date: 11/10/2022

Excavation of soil to a min. 1ft over excavation area B using a skid steer. Looking Northeast (Reference Figure B.2.a.1). Page 4 of 24



Photograph No. 4 Date: 11/10/2022

Excavation and transport of contaminated soils to lined roll of containers. Looking North (Reference Figure B.2.a.1).

Page 5 of 24



Photograph No. 5

Date: 11/11/2022

Excavation area B during removal of top contaminated soil layer. Looking Southeast (Reference Figure B.2.a.1).

Page 6 of 24



Photograph No. 6 Date: 11/17/2022

Excavation area A near sample locations R3 and R4 within facility perimeter fence. Looking North (Reference Figure B.2.a.1). Page 7 of 24



Photograph No. 7 Date: 11/17/2022

North Shore Environmental Construction, Inc. using backhoe to remove 1ft of contaminated soils from within tree cover in soil excavation area A. Looking North (Reference Figure B.2.a.1).

Page 8 of 24



Photograph No. 8 Date: 11/17/2022

North Shore Environmental Construction, Inc. using backhoe to remove 1ft of contaminated soils from within tree cover in soil excavation area A (continued). Looking Northeast (Reference Figure B.2.a.1).

Page 9 of 24



Photograph No. 9 Date: 11/17/2022

North Shore Environmental Construction, Inc. using backhoe to transport contaminated soils into lined roll off containers at soil excavation area A. Looking North (Reference Figure B.2.a.1). Page 10 of 24



Photograph No. 10 Date: 11/17/2022

Excavation area A viewed from within tree coverage next to facility perimeter fence. Looking North (Reference Figure B.2.a.1).

Page 11 of 24



Photograph No. 11 Date: 11/17/2022

Excavation area A after removal of 1ft of contaminated soils. Looking Southeast (Reference Figure B.2.a.1).

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Photograph No. 12

Date: 11/17/2022

Lined and covered roll off containers filled with contaminated soils prepared to be transported to hazardous waste facility. Looking Northwest Page 13 of 24



Photograph No. 13 Date: 11/17/2022

Excavation area A after removal of 1ft of contaminated soils. Looking Northeast (Reference Figure

B.2.a.1).

Page 14 of 24



Photograph No. 14

Date: 11/17/2022

Excavation area B after removal of contaminated soils. Looking South (Reference Figure B.2.a.1).

Page 15 of 24



Photograph No. 15

Date: 11/17/2022

Excavation area B after removal of contaminated soils. Roll off containers being prepared for shipment to hazardous waste facility. Looking Southwest (Reference Figure B.2.a.1).

Page 16 of 24



Photograph No. 16

Date: 11/17/2022

Excavation area A near sample locations R3 and R4 within facility perimeter fence during excavation. Looking East (Reference Figure B.2.a.1).

Page 17 of 24



Photograph No. 17

Date: 11/17/2022

Excavation area A near sample locations R3 and R4 within facility perimeter fence during excavation. Looking Southeast (Reference Figure B.2.a.1).

Page 18 of 24



Photograph No. 18

Date: 6/14/2023

Backfilling area A near sample locations R3 and R4 within facility perimeter fence. Looking South (Reference Figure B.2.a.1).

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Page 19 of 24



Photograph No. 19

Date: 6/14/2023

Area A backfilled near sample locations R3 and R4 within facility perimeter fence. Looking East (Reference Figure B.2.a.1).

Page 20 of 24



Photograph No. 20

Date: 6/14/2023

Area A backfilled near sample locations R2 along the inside of the facility perimeter fence. Looking Southwest (Reference Figure B.2.a.1).

Page 21 of 24



Photograph No. 21

Date: 6/14/2023

Area A after backfilling near sample locations R1, R5 and R6 Looking Northeast (Reference Figure B.2.a.1).

Documentation Photograph Log Excavation and Remedial Action WM Waste, Inc. Union Grove, Wisconsin

Page 22 of 24



Photograph No. 22

Date: 6/14/2023

Area A after backfilling near sample locations R1, R5 and R6 Looking Southeast (Reference Figure B.2.a.1).

Page 23 of 24



Photograph No. 23

Date: 6/15/2023

Area B during backfilling. Looking South (Reference Figure B.2.a.1).

Page 24 of 24



Photograph No. 24

Date: 6/15/2023

Area B backfilled looking Southeast (Reference Figure B.2.a.1)..