State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

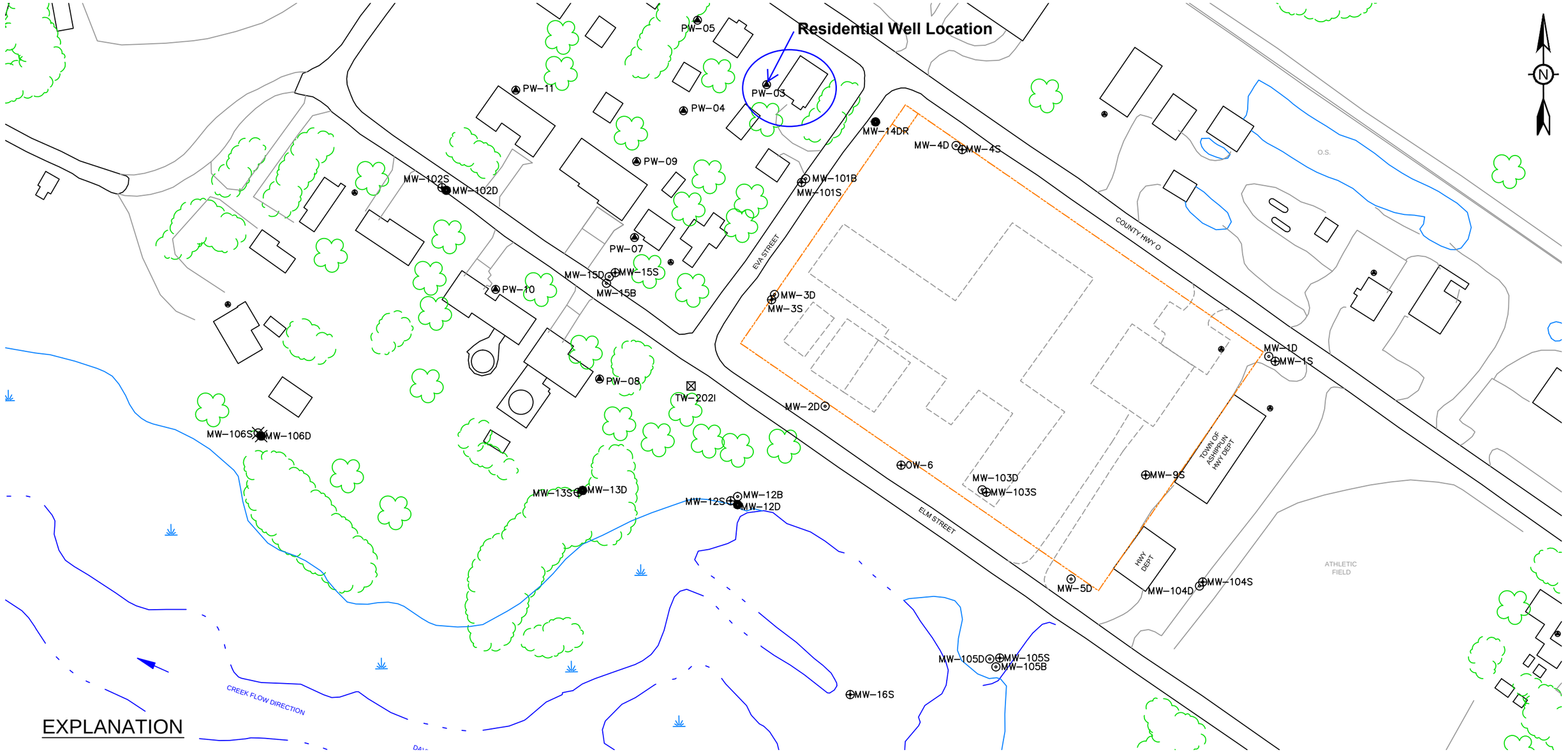
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

	Date Sampled			11/28/2017 *
	Units	NR140 ES	NR140 PAL	PW-03
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
Acetone	µg/L	9000.	1800.	**0.44 JB**
cis-1,2-Dichloroethene	µg/L	70.	7.	**2.**
Methyl tert-butyl ether	µg/L	60.	12.	**0.64**
trans-1,2-Dichloroethene	µg/L	100.	20.	**0.091 J**
Trichloroethene	µg/L	5.	0.5	**0.64**

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 959000 Sample Description: PW-3 Sampled: 11/28/2017 1615

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:10	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959000 Sample Description:PW-3 Sampled: 11/28/2017 1615

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 23:10	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 23:10	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 23:10	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:10	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 23:10	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:10	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 23:10	RLD	EPA 8260C
Acetone	0.44	ug/L	0.30	1.0	1	J B		12/05/2017 23:10	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 23:10	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:10	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 23:10	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 23:10	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:10	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 23:10	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 23:10	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 23:10	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:10	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:10	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:10	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
cis-1,2-Dichloroethene	2.0	ug/L	0.070	0.23	1			12/05/2017 23:10	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 23:10	RLD	EPA 8260C

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CT LAB#: 959000 Sample Description:PW-3 Sampled: 11/28/2017 1615

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 23:10	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 23:10	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 23:10	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:10	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:10	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:10	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:10	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:10	RLD	EPA 8260C
Methyl tert-butyl ether	0.64	ug/L	0.040	0.12	1			12/05/2017 23:10	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:10	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:10	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 23:10	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:10	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:10	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:10	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:10	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 23:10	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 23:10	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:10	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.091	ug/L	0.040	0.14	1	J		12/05/2017 23:10	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 23:10	RLD	EPA 8260C
Trichloroethene	0.64	ug/L	0.050	0.17	1			12/05/2017 23:10	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 23:10	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 23:10	RLD	EPA 8260C

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CT LAB#: 959000 Sample Description:PW-3 Sampled: 11/28/2017 1615

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.019	ug/L	0.019	0.064	1	U		12/05/2017 23:10	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 20:19	RPN	EPA 8270D-SIM

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Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
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Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

Contaminants in Vapor	Yes	No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
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Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

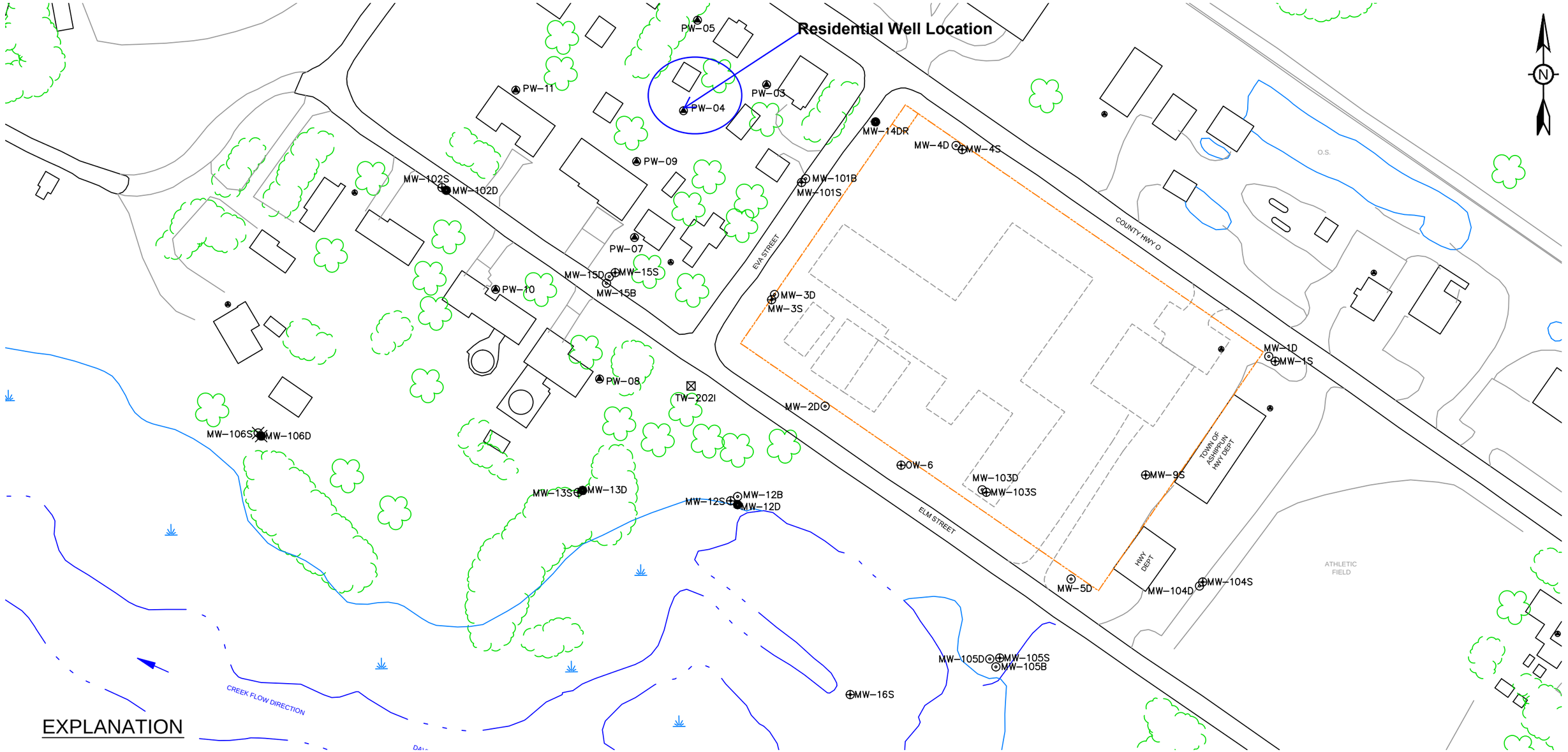
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

	Date Sampled			11/28/2017 *
	Units	NR140 ES	NR140 PAL	PW-04
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
Acetone	µg/L	9000.	1800.	**0.35 JB**
cis-1,2-Dichloroethene	µg/L	70.	7.	**1.8**
Diisopropyl ether	µg/L	--	--	**0.05 J**
Methyl tert-butyl ether	µg/L	60.	12.	**0.57**
Toluene	µg/L	800.	160.	**0.069 J**
trans-1,2-Dichloroethene	µg/L	100.	20.	**0.077 J**
Trichloroethene	µg/L	5.	0.5	**0.097 J**
Vinyl acetate	µg/L	--	--	**2.5**

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 958997 Sample Description: PW-4 Sampled: 11/28/2017 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958997 Sample Description:PW-4 Sampled: 11/28/2017 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 21:42	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 21:42	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 21:42	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:42	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 21:42	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:42	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 21:42	RLD	EPA 8260C
Acetone	0.35	ug/L	0.30	1.0	1	J B		12/05/2017 21:42	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 21:42	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:42	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 21:42	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 21:42	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:42	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 21:42	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 21:42	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:42	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:42	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:42	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:42	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.8	ug/L	0.070	0.23	1			12/05/2017 21:42	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 21:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958997 Sample Description:PW-4 Sampled: 11/28/2017 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 21:42	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:42	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:42	RLD	EPA 8260C
Diisopropyl ether	0.050	ug/L	0.040	0.14	1	J		12/05/2017 21:42	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:42	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:42	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:42	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:42	RLD	EPA 8260C
Methyl tert-butyl ether	0.57	ug/L	0.040	0.12	1			12/05/2017 21:42	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:42	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:42	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 21:42	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:42	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:42	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:42	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:42	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:42	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:42	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 21:42	RLD	EPA 8260C
Toluene	0.069	ug/L	0.040	0.13	1	J		12/05/2017 21:42	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.077	ug/L	0.040	0.14	1	J		12/05/2017 21:42	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 21:42	RLD	EPA 8260C
Trichloroethene	0.097	ug/L	0.050	0.17	1	J		12/05/2017 21:42	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 21:42	RLD	EPA 8260C
Vinyl acetate	2.5	ug/L	0.22	0.73	1			12/05/2017 21:42	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958997 Sample Description:PW-4 Sampled: 11/28/2017 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.019	ug/L	0.019	0.064	1	U		12/05/2017 21:42	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 19:18	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

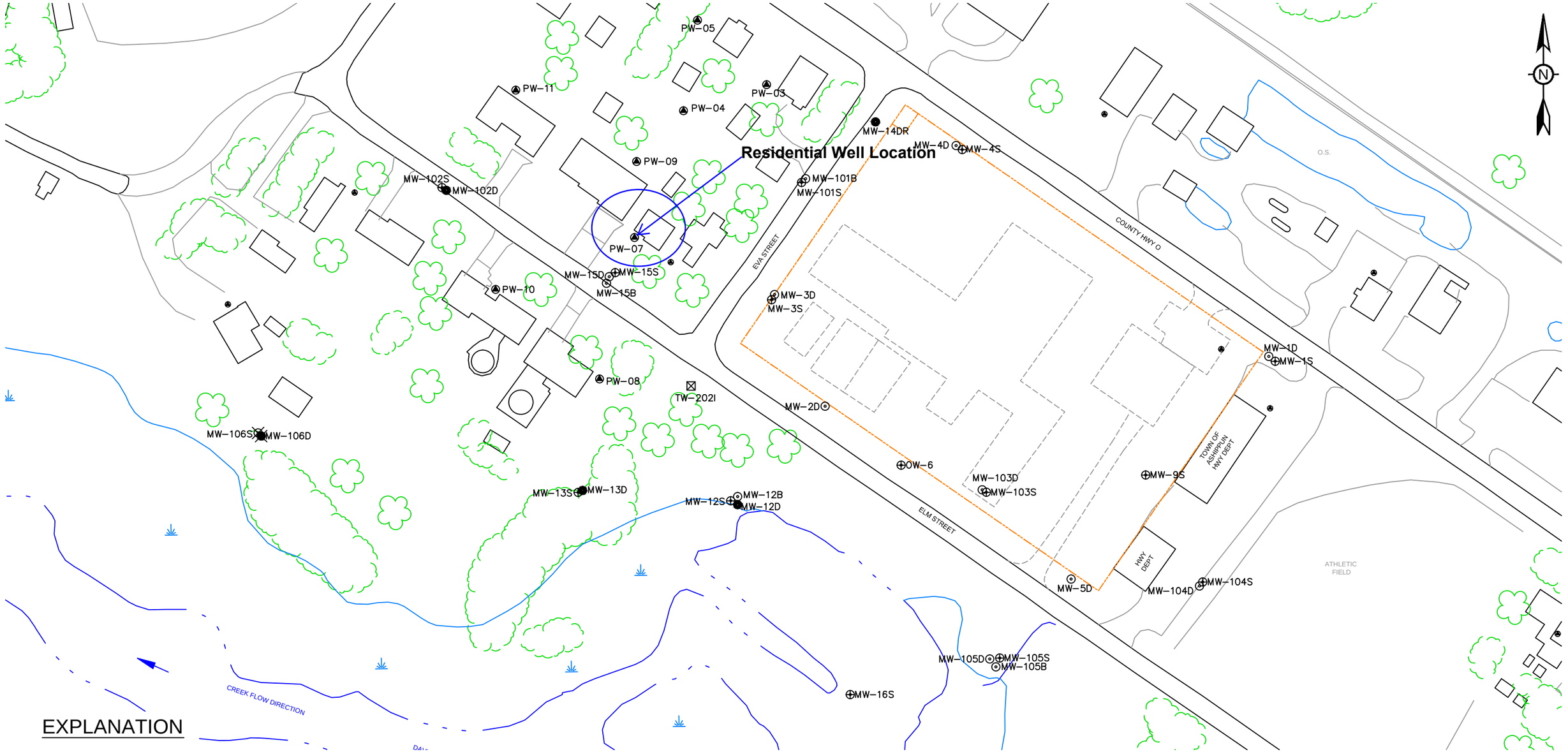
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

⊙MW–105B	BEDROCK MONITORING WELL
●MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
⊕MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
▲PW–11	RESIDENTIAL WELL
⊗MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
⊗MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
⊠TW–202I	TEMPORARY WELL
–·–·–	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

	Date Sampled			11/28/2017 *
	Units	NR140 ES	NR140 PAL	PW-07
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
Acetone	µg/L	9000.	1800.	**0.37 JB**
cis-1,2-Dichloroethene	µg/L	70.	7.	**4.9**
Methyl tert-butyl ether	µg/L	60.	12.	**0.56**
trans-1,2-Dichloroethene	µg/L	100.	20.	**0.22**
Vinyl chloride	µg/L	0.2	0.02	**0.036 J**

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

CT LABORATORIES
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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 958999 Sample Description: PW-7 Sampled: 11/28/2017 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958999 Sample Description:PW-7 Sampled: 11/28/2017 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 22:41	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 22:41	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 22:41	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:41	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 22:41	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:41	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 22:41	RLD	EPA 8260C
Acetone	0.37	ug/L	0.30	1.0	1	J B		12/05/2017 22:41	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 22:41	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:41	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 22:41	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 22:41	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:41	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 22:41	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 22:41	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:41	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:41	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:41	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:41	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
cis-1,2-Dichloroethene	4.9	ug/L	0.070	0.23	1			12/05/2017 22:41	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 22:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958999 Sample Description:PW-7 Sampled: 11/28/2017 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 22:41	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:41	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:41	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:41	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:41	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:41	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:41	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:41	RLD	EPA 8260C
Methyl tert-butyl ether	0.56	ug/L	0.040	0.12	1			12/05/2017 22:41	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:41	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:41	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 22:41	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:41	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:41	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:41	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:41	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:41	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 22:41	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:41	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.22	ug/L	0.040	0.14	1			12/05/2017 22:41	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 22:41	RLD	EPA 8260C
Trichloroethene	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:41	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 22:41	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 22:41	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958999 Sample Description:PW-7 Sampled: 11/28/2017 1550

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	0.036	ug/L	0.019	0.064	1	J		12/05/2017 22:41	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 19:58	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

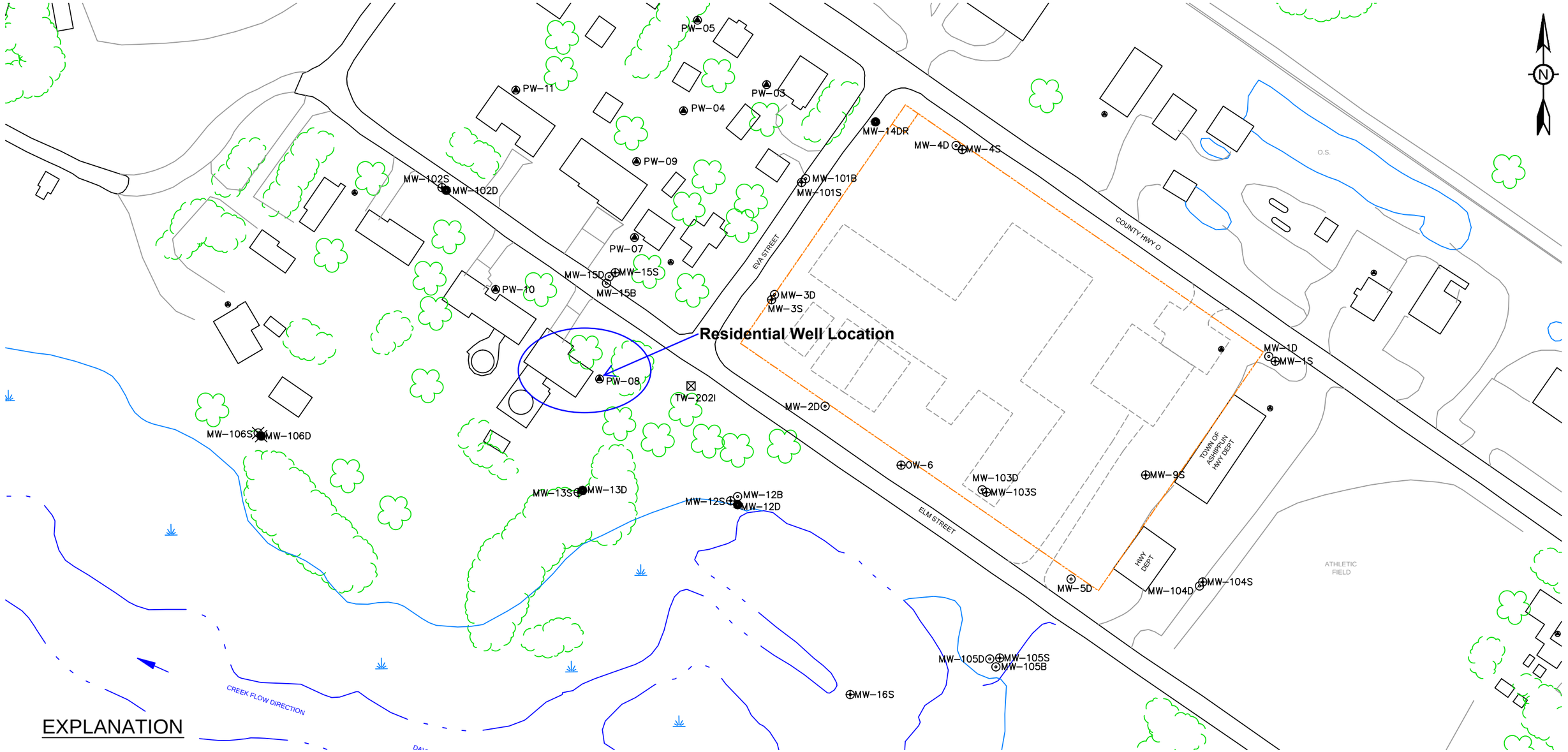
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

	Date Sampled			11/29/2017 *
	Units	NR140 ES	NR140 PAL	PW-08
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
Acetone	µg/L	9000.	1800.	**0.52 JB**
cis-1,2-Dichloroethene	µg/L	70.	7.	**3.**
Methyl tert-butyl ether	µg/L	60.	12.	**0.65**
trans-1,2-Dichloroethene	µg/L	100.	20.	**0.1 J**
Trichloroethene	µg/L	5.	0.5	**0.1 J**
Vinyl chloride	µg/L	0.2	0.02	**0.036 J**

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

CT LABORATORIES
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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132607
Purchase Order #:
Contract #: 2747

Arrival Temperature: 3.8
Report Date: 12/19/2017
Date Received: 11/30/2017
Reprint Date: 12/29/2017

CT LAB#: 959454 Sample Description: PW-8 Sampled: 11/29/2017 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 15:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959454 Sample Description:PW-8 Sampled: 11/29/2017 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/06/2017 15:12	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/06/2017 15:12	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/06/2017 15:12	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 15:12	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/06/2017 15:12	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 15:12	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/06/2017 15:12	RLD	EPA 8260C
Acetone	0.52	ug/L	0.30	1.0	1	J B		12/06/2017 15:12	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/06/2017 15:12	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 15:12	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U		12/06/2017 15:12	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/06/2017 15:12	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 15:12	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U		12/06/2017 15:12	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/06/2017 15:12	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 15:12	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 15:12	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 15:12	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 15:12	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
cis-1,2-Dichloroethene	3.0	ug/L	0.070	0.23	1			12/06/2017 15:12	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/06/2017 15:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959454 Sample Description:PW-8 Sampled: 11/29/2017 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/06/2017 15:12	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 15:12	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 15:12	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 15:12	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 15:12	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:12	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 15:12	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 15:12	RLD	EPA 8260C
Methyl tert-butyl ether	0.65	ug/L	0.040	0.12	1			12/06/2017 15:12	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:12	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 15:12	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/06/2017 15:12	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 15:12	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:12	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 15:12	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 15:12	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 15:12	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/06/2017 15:12	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 15:12	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.10	ug/L	0.040	0.14	1	J		12/06/2017 15:12	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/06/2017 15:12	RLD	EPA 8260C
Trichloroethene	0.10	ug/L	0.050	0.17	1	J		12/06/2017 15:12	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/06/2017 15:12	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/06/2017 15:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959454 Sample Description:PW-8 Sampled: 11/29/2017 1300

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	0.036	ug/L	0.019	0.064	1	J		12/06/2017 15:12	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 20:39	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

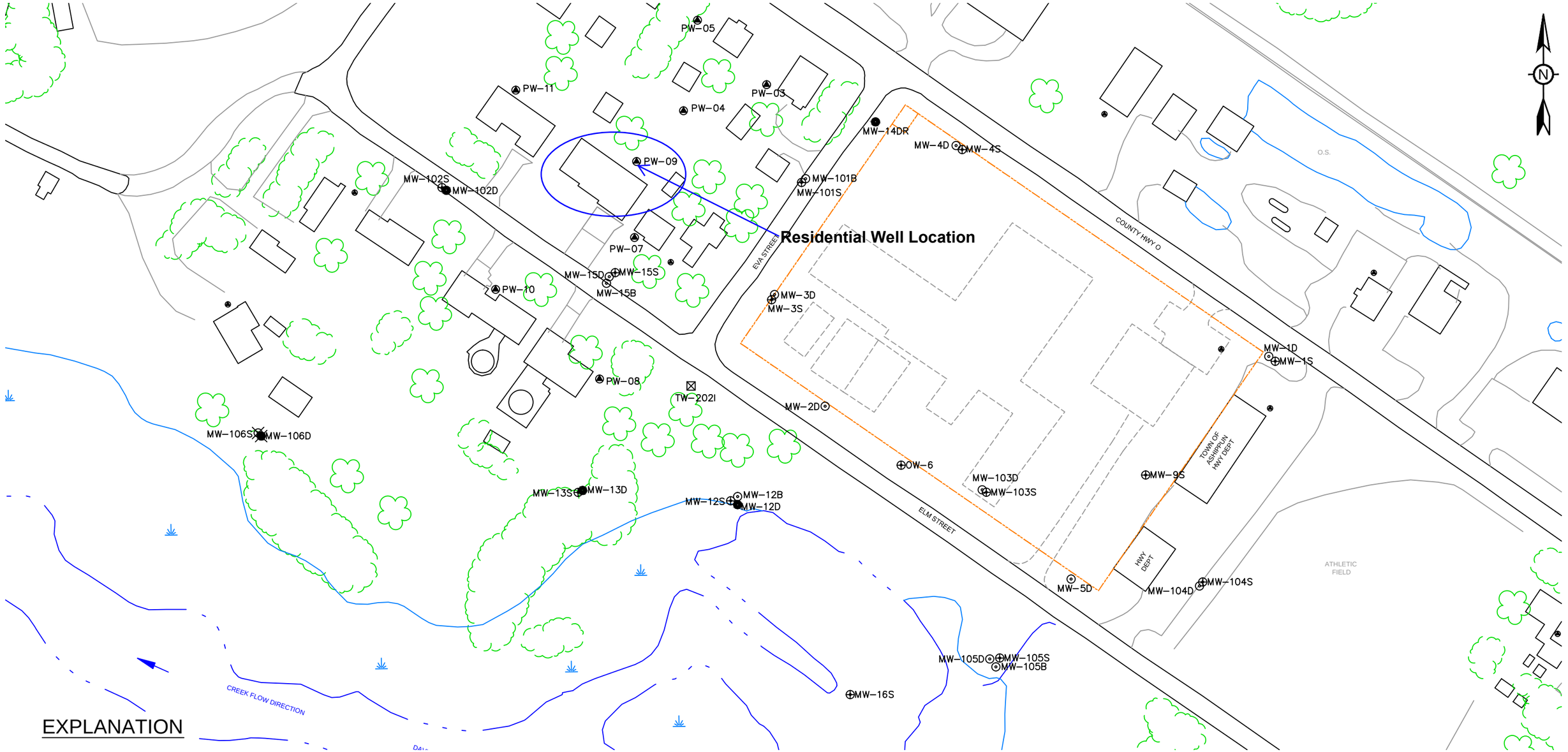
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

	Date Sampled			11/28/2017	11/28/2017	*
	Units	NR140 ES	NR140 PAL	PW-09	PW-09 Dup	
VOCs						
1,4-Dioxane	µg/L	3.	0.3	<0.40 U	<0.40 U	
Acetone	µg/L	9000.	1800.	**0.38 JB**	<0.30 U	
cis-1,2-Dichloroethene	µg/L	70.	7.	**7.3**	**7.**	
Methyl tert-butyl ether	µg/L	60.	12.	**0.66**	**0.67**	
trans-1,2-Dichloroethene	µg/L	100.	20.	**0.32**	**0.31**	
Trichloroethene	µg/L	5.	0.5	**0.082 J**	**0.061 J**	
Vinyl chloride	µg/L	0.2	0.02	**0.037 J**	**0.031 J**	

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

CT LABORATORIES
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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 958994 Sample Description: PW-9 Sampled: 11/28/2017 0930

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958994 Sample Description:PW-9 Sampled: 11/28/2017 0930

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 20:44	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 20:44	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 20:44	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:44	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 20:44	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:44	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 20:44	RLD	EPA 8260C
Acetone	0.38	ug/L	0.30	1.0	1	J B		12/05/2017 20:44	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 20:44	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 20:44	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 20:44	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 20:44	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:44	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 20:44	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 20:44	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 20:44	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 20:44	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:44	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:44	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
cis-1,2-Dichloroethene	7.3	ug/L	0.070	0.23	1			12/05/2017 20:44	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 20:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958994 Sample Description:PW-9 Sampled: 11/28/2017 0930

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 20:44	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 20:44	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 20:44	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 20:44	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 20:44	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:44	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:44	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:44	RLD	EPA 8260C
Methyl tert-butyl ether	0.66	ug/L	0.040	0.12	1			12/05/2017 20:44	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:44	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:44	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 20:44	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 20:44	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:44	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:44	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 20:44	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 20:44	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 20:44	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:44	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.32	ug/L	0.040	0.14	1			12/05/2017 20:44	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 20:44	RLD	EPA 8260C
Trichloroethene	0.082	ug/L	0.050	0.17	1	J		12/05/2017 20:44	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 20:44	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 20:44	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958994 Sample Description:PW-9 Sampled: 11/28/2017 0930

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	0.037	ug/L	0.019	0.064	1	J		12/05/2017 20:44	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 18:37	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 958996 Sample Description: PW-9 DUP Sampled: 11/28/2017 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958996 Sample Description:PW-9 DUP Sampled: 11/28/2017 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 21:13	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 21:13	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 21:13	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 21:13	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 21:13	RLD	EPA 8260C
Acetone	<0.30	ug/L	0.30	1.0	1	U		12/05/2017 21:13	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 21:13	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:13	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 21:13	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 21:13	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 21:13	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 21:13	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:13	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:13	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:13	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
cis-1,2-Dichloroethene	7.0	ug/L	0.070	0.23	1			12/05/2017 21:13	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 21:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958996 Sample Description:PW-9 DUP Sampled: 11/28/2017 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 21:13	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:13	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:13	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:13	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:13	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:13	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:13	RLD	EPA 8260C
Methyl tert-butyl ether	0.67	ug/L	0.040	0.12	1			12/05/2017 21:13	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:13	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 21:13	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:13	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:13	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:13	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:13	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 21:13	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.31	ug/L	0.040	0.14	1			12/05/2017 21:13	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 21:13	RLD	EPA 8260C
Trichloroethene	0.061	ug/L	0.050	0.17	1	J		12/05/2017 21:13	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 21:13	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 21:13	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958996 Sample Description:PW-9 DUP Sampled: 11/28/2017 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	0.031	ug/L	0.019	0.064	1	J		12/05/2017 21:13	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 18:57	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

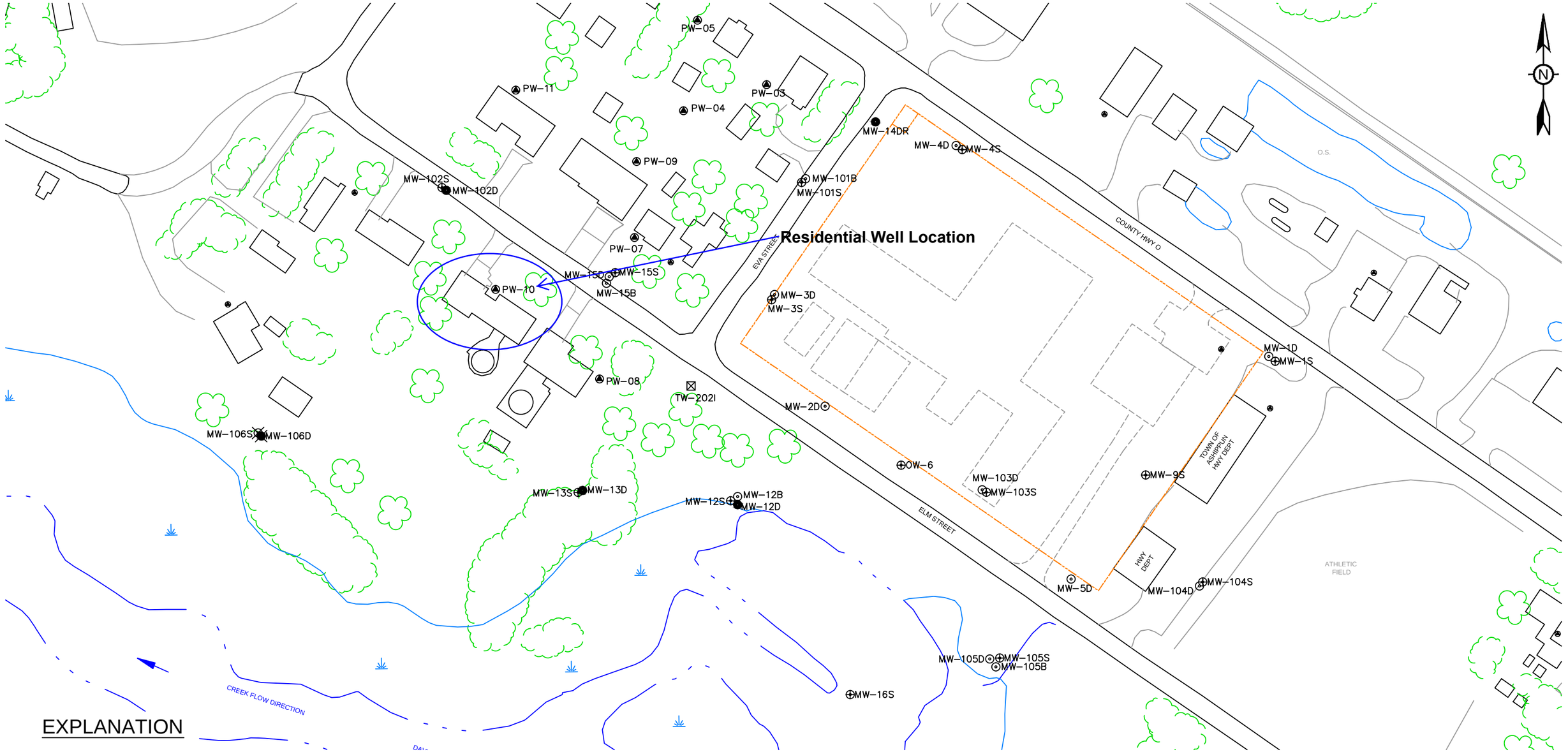
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

		Date Sampled		11/28/2017
	Units	NR140 ES	NR140 PAL	PW-10
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
cis-1,2-Dichloroethene	µg/L	70.	7.	**0.18 J**
Methyl tert-butyl ether	µg/L	60.	12.	**0.51**

*

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132568
Purchase Order #:
Contract #: 2747

Arrival Temperature: 2.0
Report Date: 12/19/2017
Date Received: 11/29/2017
Reprint Date: 12/29/2017

CT LAB#: 958998 Sample Description: PW-10 Sampled: 11/28/2017 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958998 Sample Description:PW-10 Sampled: 11/28/2017 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 22:12	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 22:12	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 22:12	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 22:12	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 22:12	RLD	EPA 8260C
Acetone	<0.30	ug/L	0.30	1.0	1	U		12/05/2017 22:12	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 22:12	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:12	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U Q		12/05/2017 22:12	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 22:12	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U Z		12/05/2017 22:12	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 22:12	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:12	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:12	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:12	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.18	ug/L	0.070	0.23	1	J		12/05/2017 22:12	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 22:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958998 Sample Description:PW-10 Sampled: 11/28/2017 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 22:12	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:12	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:12	RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:12	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:12	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:12	RLD	EPA 8260C
Methyl tert-butyl ether	0.51	ug/L	0.040	0.12	1			12/05/2017 22:12	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:12	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 22:12	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:12	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:12	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 22:12	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 22:12	RLD	EPA 8260C
Trichloroethene	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:12	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 22:12	RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 22:12	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 958998 Sample Description:PW-10 Sampled: 11/28/2017 1505

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.019	ug/L	0.019	0.064	1	U		12/05/2017 22:12	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 19:38	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Oconomowoc Electroplating Company, Inc. (OECI) Superfund Site			02-14-000905
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Oconomwoc Electroplating Company, Inc.			
Address	**City**	**State**	**ZIP Code**
W2573 Oak Street	Ashippun	WI	53003
Contact Person		**Phone Number (include area code)**	
William Ryan (US EPA RPM), Aristeo Pelayo (WDNR PM)		(608) 267-3539	

Person or company that collected samples

Ashley Wagner, Tetra Tech, Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	○	◉	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	◉	○	◉

This sampling event included sampling of a drinking water well.
◉ Yes ○ No

If yes, the sampled drinking water well had detectable contaminants.
◉ Yes ○ No

	Contaminants in Vapor Yes	Contaminants in Vapor No
Indoor Air	○	◉
Sub-slab	○	◉
Exterior Soil Gas	○	◉

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Tetra Tech	Manthey	Mark

Address	City	State	ZIP Code
175 N. Corporate Drive, Suite 100	Brookfield	WI	53045

Phone # (inc. area code)	Email
(262) 792-1282	Mark.Manthey@tetratech.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

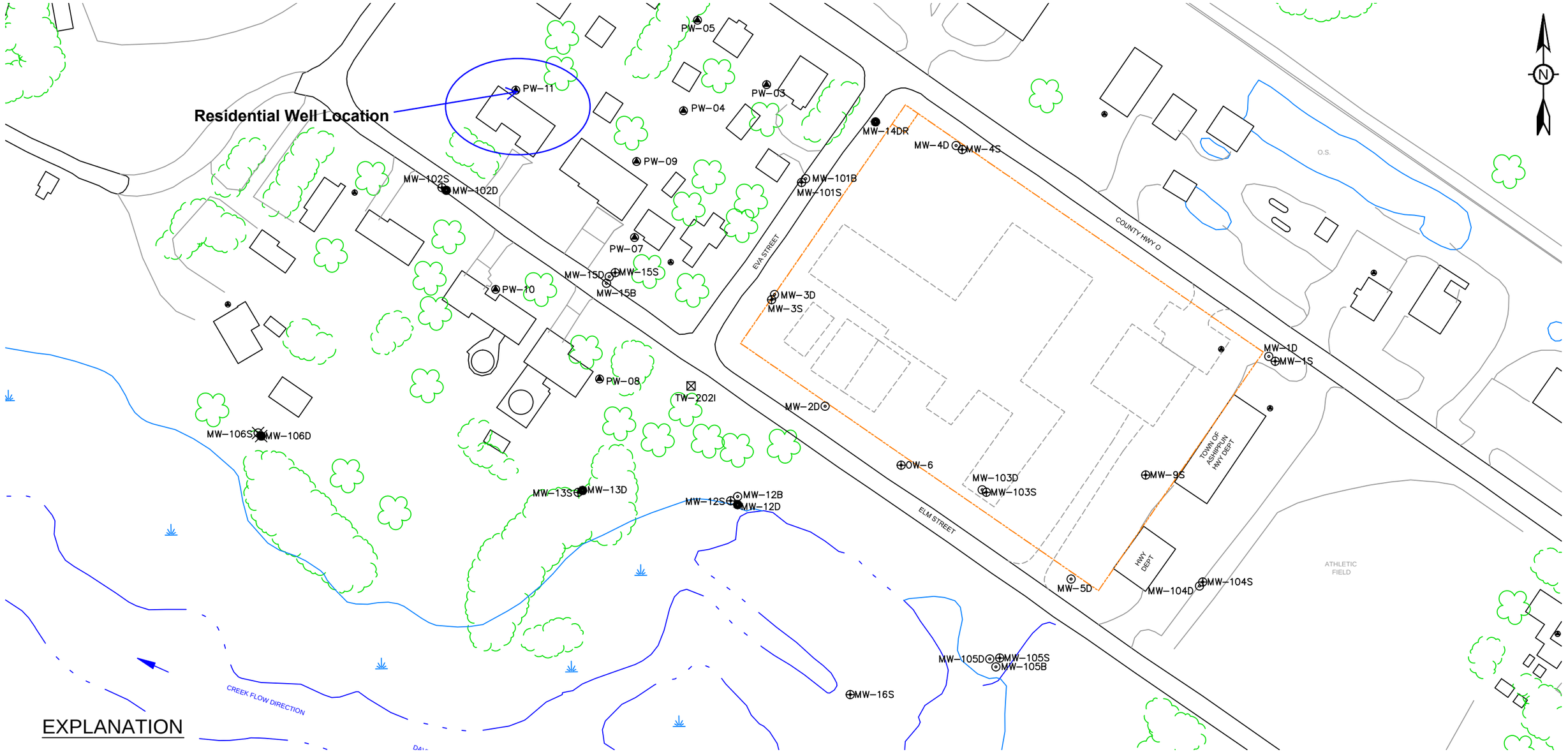
State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Pelayo	Aristeo	(608) 267-3539

Address	City	State	ZIP Code
101 S. Webster St., P.O. Box 7921	Madison	WI	53707-7921

Email

aristeo.pelayo@wisconsin.gov



EXPLANATION

MW–105B	BEDROCK MONITORING WELL
MW–105D	DEEP UNCONSOLIDATED MONITORING WELL
MW–105S	SHALLOW UNCONSOLIDATED MONITORING WELL
PW–11	RESIDENTIAL WELL
MW–106D	DEEP UNCONSOLIDATED SENTINEL WELL
MW–106S	SHALLOW UNCONSOLIDATED SENTINEL WELL
TW–202I	TEMPORARY WELL
	FORMER OECI SITE BOUNDARY

0 100 200

SCALE IN FEET

TITLE: OCONOMOWOC ELECTROPLATING COMPANY, INC.
SITE LAYOUT

LOCATION: ASHIPPUN, WISCONSIN

TETRA TECH

CHECKED	MAM
DRAFTED	HJW
PROJECT	117-7413001
DATE	8/17/17

FIGURE: 1

S:\CAD\OCONOMOWOC ELECTROPLATING\SITE LAYOUT.DWG

Groundwater Quality Data

		Date Sampled		11/29/2017 *
	Units	NR140 ES	NR140 PAL	PW-11
VOCs				
1,4-Dioxane	µg/L	3.	0.3	<0.40 U
cis-1,2-Dichloroethene	µg/L	70.	7.	**1.5**
Diisopropyl ether	µg/L	--	--	**0.16**
Methyl tert-butyl ether	µg/L	60.	12.	**0.91**
Vinyl acetate	µg/L	--	--	**2.6**

Notes:
Dup = Duplicate sample
µg/L = micrograms per liter, which is equivalent to parts per billion.
NR 140 ES = Wisconsin Department of Natural Resource Chapter NR 140 Enforcement Standard.
NR 140 PAL = Wisconsin Department of Natural Resource Chapter NR Preventive Action Limit.
Values in bold exceed the listed NR 140 PAL
***No ENFORCEMENT STANDARD has been attained or exceeded by these detected VOCs.**

Laboratory Quality Control Qualifiers
B: Analyte detected in the associated Method Blank.
J: Estimated value.

CT LABORATORIES
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608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH
MARK MANTHEY
175 N CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045

Project Name: OCONOMOWOC ELECTROPLATING
Project Phase:
Project #: 117-7413004.01
Folder #: 132607
Purchase Order #:
Contract #: 2747

Arrival Temperature: 3.8
Report Date: 12/19/2017
Date Received: 11/30/2017
Reprint Date: 12/29/2017

CT LAB#: 959476 Sample Description: PW-11 Sampled: 11/29/2017 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 17:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959476 Sample Description:PW-11 Sampled: 11/29/2017 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/06/2017 17:09	RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/06/2017 17:09	RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/06/2017 17:09	RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:09	RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/06/2017 17:09	RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:09	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/06/2017 17:09	RLD	EPA 8260C
Acetone	<0.30	ug/L	0.30	1.0	1	U		12/06/2017 17:09	RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/06/2017 17:09	RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 17:09	RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	U		12/06/2017 17:09	RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/06/2017 17:09	RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:09	RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	U		12/06/2017 17:09	RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/06/2017 17:09	RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 17:09	RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 17:09	RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 17:09	RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:09	RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.5	ug/L	0.070	0.23	1			12/06/2017 17:09	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/06/2017 17:09	RLD	EPA 8260C

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CT LAB#: 959476 Sample Description:PW-11 Sampled: 11/29/2017 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Dibromochloromethane	<0.030	ug/L	0.030	0.10	1	U		12/06/2017 17:09	RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 17:09	RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 17:09	RLD	EPA 8260C
Diisopropyl ether	0.16	ug/L	0.040	0.14	1			12/06/2017 17:09	RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 17:09	RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:09	RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:09	RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 17:09	RLD	EPA 8260C
Methyl tert-butyl ether	0.91	ug/L	0.040	0.12	1			12/06/2017 17:09	RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:09	RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:09	RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/06/2017 17:09	RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:09	RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:09	RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:09	RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:09	RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 17:09	RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/06/2017 17:09	RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:09	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:09	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/06/2017 17:09	RLD	EPA 8260C
Trichloroethene	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 17:09	RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/06/2017 17:09	RLD	EPA 8260C
Vinyl acetate	2.6	ug/L	0.22	0.73	1			12/06/2017 17:09	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 959476 Sample Description:PW-11 Sampled: 11/29/2017 1540

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Vinyl chloride	<0.019	ug/L	0.019	0.064	1	U		12/06/2017 17:09	RLD	EPA 8260C
1,4-Dioxane	<0.40	ug/L	0.40	1.4	1	U	12/04/2017 11:00	12/06/2017 20:59	RPN	EPA 8270D-SIM

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts. "U" qualifier indicates concentration of analyte was below the detection limit. "J" qualifer indicates an estimated value between the LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008