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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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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 submittel, 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.

		<i>c</i>				DNRI	D # (BRRTS #)
Oconomowoc Electro	oplating Compan	y, Inc. (OECI)	Supe	rfund Site		02-14	-000905
Address		<u>- / </u>		City		State	ZIP Code
W2573 Oak Street	· · · ·			Ashippun		WI	53003
Responsible Party							
The person(s) responsi	ble for completing t	hls environment	al inve	estigation is:			
Property Owner	ά.	20 20	8		÷.		ŝ
Oconomwoc Electro	plating Company	, Inc.					
Address	1. (2		2	City		State	ZIP Code
W2573 Oak Street				Ashippun	147	WI	53003
Contact Person					Pho	ne Number	(include area code)
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539
Person or company the	at collected sample:	5					
Ashley Wagner, Tet	a Tech, Inc.						
Sample Results (Res	ults Attached)						
Sample Results (Res	anto / netaarroaj						
Reason for Sampling.	Routine	O Other (de	fine)	11 H			
Reason for Sampling:	Routine	O Other (de	fine)_		C *		
Reason for Sampling:	Routine have been klentifie	Other (de	fine) -	erty that you own	or occupy include:		
Reason for Sampling: The contaminants that	Routine have been identifie In Second Sec	Other (de d at this time on oil? In G	fine)_ prope 3roun	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine have been identifie In Section 2018	Other (de d at this time on oil? In C	fine)_ prope 3roun Yes	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been identified In Society 1 Yes	Other (de ad at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? <u>No</u>	or occupy include: This sampling even	t included sa	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been kientifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well.	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Reve been identifie In So Yes O O	Other (de od at this time on oil? In C <u>No</u> O	fine) prope Groun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well. Yes	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine Ave been kientifie In So Yes O O O	Other (de od at this time on oil? In C <u>No</u> O O O O	fine) prope Groun Yes O O	erty that you own dwater? No O O O	This sampling even drinking water well. If yes, the sampled	t included so	empling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Reverse Rever	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O O	fine)_ prope 3roun Yes O O O	erty that you own dwater? No O O O O O O O	This sampling even drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ad at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine) prope Groun Yes O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included se	ampling of a ter well had
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Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Anve been klentifie In So Yes O	Other (de d at this time on oil? In C <u>No</u> 0 0 0 0 0 Contaminants i <u>Yes N</u> 0 0	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	This sampling even drinking water well.	t included sa O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O O	Other (de od at this time on oli? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	fine) - prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No	This sampling even drinking water well. Yes If yes, the sampled detectable contamin Yes	t included so O No drinking wat nants. O No	ampling of a ter well had

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	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@te	etratech.com				*
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection		
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)
Pelayo	Aristee)		((508) 267-3539
Address		City	······	State	ZIP Code
101 S. Webster St., P.O. Box 7921		Madison		WI	53707-7921
Email		· · · · · · · · · · · · · · · · · · ·			
aristeo.pelayo@wisconsin.gov					



Groundwater Quality Data

		D	ate 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

 μ g/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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 959000 Sample Des	cription: 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



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 2 of 5

Sampled: 11/28/2017 1615

CT LAB#: 959000 Sample Description:PW-3

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 23:1	0 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Acetone	0.44	ug/L	0.30	1.0	1	JВ		12/05/2017 23:1	0 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 23:1	0 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 23:1	0 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
cis-1,2-Dichloroethene	2.0	ug/L	0.070	0.23	1			12/05/2017 23:1	0 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 23:1	0 RLD	EPA 8260C



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 3 of 5

Sampled: 11/28/2017 1615

CT LAB#: 959000 Sample Description:PW-3

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 23:1	0 RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Methyl tert-butyl ether	0.64	ug/L	0.040	0.12	1			12/05/2017 23:1	0 RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
trans-1,2-Dichloroethene	0.091	ug/L	0.040	0.14	1	J		12/05/2017 23:1	0 RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Trichloroethene	0.64	ug/L	0.050	0.17	1			12/05/2017 23:1	0 RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 23:1	0 RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 23:1	0 RLD	EPA 8260C



CT LAB#: 959000 Sample Description:PW-3

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	imits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromate	graphic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery of	utside acceptance limits.	Mandand Lab ID# W/00061
Ν	Insufficient BOD oxygen depletion.		INALYIANG LAD ID# WI00061
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betwee	en primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits		GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance limi	s due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temper	rature.	
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 minimu	n.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lim	ts.	
z	Specified calibration criteria was not met.		

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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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 Wisconstn'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 submittel, 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.

		<i>c</i>				DNR	ID # (BRRTS #)
Oconomowoc Elect	roplating Compar	v. Inc. (O	ECI) Supe	rfund Site		02-14	4-000905
Address		<u> </u>		City		State	ZIP Code
W2573 Oak Street			v	Ashippun		wi	53003
Responsible Party							
The person(s) respons	ible for completing	this enviror	nmental inve	estigation is:			
Property Owner	́й.	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	3		÷		£.
Oconomwoc Electro	plating Company	, Inc.			£		
Address	а (Х		9	City		State	ZIP Code
W2573 Oak Street			-	Ashippun	112	WI	53003
Contact Person		100			Pt	one Number	(include area code)
William Ryan (US I	EPA RPM), Arist	eo Pelayo	(WDNR P	PM)		(608)) 267-3539
Person or company th	at collected sample	S					
Ashley Wagner, Tet	tra Tech, Inc.						
Sample Results (Re	sults Attached)						
Reason for Samplino:	Routine		er (define)	2 y 2	5.1 M		
Reason for Sampling:	Routine	() Oth	er (define)_				
Reason for Sampling: The contaminants that	Routine t have been identified	Oth	er (define)_ me on prope	erty that you owr	t or occupy include:		
Reason for Sampling: The contaminants that	Routine t have been identified In S	Oth Oth oil?	er (define) me on prope In Groun	erty that you owr	n or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine t have been identified In S Yes	Othed at this tile oil?	er (define)_ me on prope In Groun <u>Yes</u>	erty that you owr dwater?	n or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine t have been identified In S Yes	Othed at this the oil?	er (define)_ me on prope In Groun <u>Yes</u>	erty that you owr dwater?	n or occupy include: This sampling eve	ent included s	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Routine thave been identifie In S Yes O O	O Oth ad at this th oil? No O	rer (define)_ me on prope In Groun <u>Yes</u> O	erty that you owr dwater? No O	n or occupy include: This sampling eve drinking water we	ent included s	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oil Solvents	 Routine t have been identified In S Yes O O 	Oth oil? No O	er (define) me on prope In Groun <u>Yes</u> O	erty that you owr dwater? <u>No</u> O	n or occupy include: This sampling eve drinking water wel () Yes	ent included s II. SONO	ampling of a
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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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	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@te	etratech.com				*
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection		
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)
Pelayo	Aristee)		((508) 267-3539
Address		City	······	State	ZIP Code
101 S. Webster St., P.O. Box 7921		Madison		WI	53707-7921
Email		· · · · · · · · · · · · · · · · · · ·			
aristeo.pelayo@wisconsin.gov					



Groundwater Quality Data

		C	ate 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	1
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

 μ g/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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 958997 Sample Description: PW-4

AnalyteResultUnitsLODLOQDilutionQualifierPrep Date/TimeAnalysisAnalysisMethodOrganic Results1,1,2-Tetrachloroethane<0.040ug/L0.0400.131U12/05/201721:42RLDEPA 8260C1,1,1-Trichloroethane<0.050ug/L0.0500.171U12/05/201721:42RLDEPA 8260C1,1,2-Tetrachloroethane<0.050ug/L0.0500.171U12/05/201721:42RLDEPA 8260C1,1,2-Tetrachloroethane<0.017ug/L0.0170.0571U12/05/201721:42RLDEPA 8260C1,1,2-Trichloroethane<0.050ug/L0.0500.161U12/05/201721:42RLDEPA 8260C1,1-Dichloroethane<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,1-Dichloroethane<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,1-Dichloroethane<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,1-Dichloroethane<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,1-Dichloropropene<0.060ug/L0.0400.131U12/05/201721:42RLDEPA 8260C1,2,3-Trichloropropane<0.040 <td< th=""><th>· · · · · · · · · · · · · · · · · · ·</th></td<>	· · · · · · · · · · · · · · · · · · ·
Organic Results 1,1,2-Tetrachloroethane <0.040	
1,1,2-Tetrachloroethane<0.040	
1,1,1-Trichloroethane<0.050ug/L0.0500.171U12/05/201721:42RLDEPA 8260C1,1,2,2-Tetrachloroethane<0.017	
1,1,2,2-Tetrachloroethane<0.017ug/L0.0170.0571U12/05/201721:42RLDEPA 8260C1,1,2-Trichloroethane<0.050	
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1,1-Dichloroethane<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,1-Dichloroptopene<0.060	
1,1-Dichloroethene<0.060ug/L0.0600.201U12/05/201721:42RLDEPA 8260C1,1-Dichloropropene<0.060	
1,1-Dichloropropene<0.060ug/L0.0600.191U12/05/201721:42RLDEPA 8260C1,2,3-Trichloropropane<0.040	
1,2,3-Trichlorobenzene<0.040ug/L0.0400.131U12/05/201721:42RLDEPA 8260C1,2,3-Trichloropropane<0.040	
1,2,3-Trichloropropane <0.040	
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	



TETRA TECH

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 2 of 5

Sampled: 11/28/2017 0950

CT LAB#: 958997 Sample Description:PW-4

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 21:4	2 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Acetone	0.35	ug/L	0.30	1.0	1	JΒ		12/05/2017 21:4	2 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 21:4	2 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 21:4	2 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
cis-1,2-Dichloroethene	1.8	ug/L	0.070	0.23	1			12/05/2017 21:4	2 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 21:4	2 RLD	EPA 8260C



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 3 of 5

Sampled: 11/28/2017 0950

CT LAB#: 958997 Sample Description:PW-4

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 21:4	2 RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Diisopropyl ether	0.050	ug/L	0.040	0.14	1	J		12/05/2017 21:4	2 RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Methyl tert-butyl ether	0.57	ug/L	0.040	0.12	1			12/05/2017 21:4	2 RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Toluene	0.069	ug/L	0.040	0.13	1	J		12/05/2017 21:4	2 RLD	EPA 8260C
trans-1,2-Dichloroethene	0.077	ug/L	0.040	0.14	1	J		12/05/2017 21:4	2 RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Trichloroethene	0.097	ug/L	0.050	0.17	1	J		12/05/2017 21:4	2 RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 21:4	2 RLD	EPA 8260C
Vinyl acetate	2.5	ug/L	0.22	0.73	1			12/05/2017 21:4	2 RLD	EPA 8260C



CT LAB#: 958997 Sample Description:PW-4

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	imits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromate	graphic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery of	utside acceptance limits.	Mandand Lab ID# W/00061
Ν	Insufficient BOD oxygen depletion.		INALYIANG LAD ID# WI00061
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betwee	en primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits		GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance limi	s due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temper	rature.	
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 minimu	n.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lim	ts.	
z	Specified calibration criteria was not met.		

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

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 submittel, 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.

		<i>c</i>				DNRI	D # (BRRTS #)
Oconomowoc Electro	oplating Compan	y, Inc. (OECI)	Supe	rfund Site		02-14	-000905
Address		<u>- / </u>		City		State	ZIP Code
W2573 Oak Street	· · · ·			Ashippun		WI	53003
Responsible Party							
The person(s) responsi	ble for completing t	hls environment	al inve	estigation is:			
Property Owner	ά.	20 20	8		÷.		ŝ
Oconomwoc Electro	plating Company	, Inc.					
Address	12 12		2	City		State	ZIP Code
W2573 Oak Street				Ashippun	147	WI	53003
Contact Person					Pho	ne Number	(include area code)
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539
Person or company the	at collected sample:	5					
Ashley Wagner, Tet	a Tech, Inc.						
Sample Results (Res	ults Attached)						
Sample Results (Res	anto / netaanto aj						
Reason for Sampling.	Routine	O Other (de	fine)	11 H			
Reason for Sampling:	Routine	O Other (de	fine)_		C *		
Reason for Sampling:	Routine have been klentifie	Other (de	fine)	erty that you own	or occupy include:		
Reason for Sampling: The contaminants that	Routine have been identifie In Second Sec	Other (de d at this time on oil? In G	fine)_ prope 3roun	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine have been identifie In Section 2018	Other (de d at this time on oil? In C	fine)_ prope 3roun Yes	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been identified In Society 1 Yes	Other (de ad at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? <u>No</u>	or occupy include: This sampling even	t included sa	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been kientifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well.	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Reve been identifie In So Yes O O	Other (de od at this time on oil? In C <u>No</u> O	fine) prope Groun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well. Yes	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine Ave been kientifie In So Yes O O O	Other (de od at this time on oil? In C <u>No</u> O O O O	fine) prope Groun Yes O O	erty that you own dwater? No O O O	This sampling even drinking water well. If yes, the sampled	t included so	empling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Reverse Rever	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O O	fine)_ prope 3roun Yes O O O	erty that you own dwater? No O O O O O O O	This sampling even drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ad at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine) prope Groun Yes O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included se	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Aave been kientifie In So Yes O O O O O O O O O O O O O O O	Other (de od at this time on oil? In G No O O O O O O O O O O O O O O O O O O	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O	This sampling even drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that Contaminant Gasoline Diesel or Fuel Oil Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O O O O O O O O O O	Other (de od at this time on oil? In C No O O O O O O Contaminants i Yes N	fine) prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	or occupy include: This sampling even drinking water well.	t included se O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Anve been klentifie In So Yes O	Other (de d at this time on oil? In C <u>No</u> 0 0 0 0 0 Contaminants i <u>Yes N</u> 0 0	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	a or occupy include: This sampling even drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included sa O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O O	Other (de od at this time on oli? In G No O O O O O O Contaminants i <u>Yes</u> N O O O O O	fine) - prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No	This sampling even drinking water well. Yes If yes, the sampled detectable contamin Yes	t included so O No drinking wat nants. O No	ampling of a ter well had

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	First Name	First Name			
Tetra Tech	Manthey	Mark	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@te	etratech.com				*	
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection			
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)	
Pelayo	Aristee)		(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						



Groundwater Quality Data

		C	ate 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

 μ g/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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 958999 Sample Description: PW-7

CT LAB#: 958999 Sample Description: PW-7 Sampled									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 22:4	1 RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:4	1 RLD	EPA 8260C



CT LAB#: 958999 Sample Description:PW-7

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 2 of 5

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 22:4	1 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Acetone	0.37	ug/L	0.30	1.0	1	JВ		12/05/2017 22:4	1 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 22:4	1 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 22:4	1 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
cis-1,2-Dichloroethene	4.9	ug/L	0.070	0.23	1			12/05/2017 22:4	1 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 22:4	1 RLD	EPA 8260C



CT LAB#: 958999 Sample Description:PW-7

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 3 of 5

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 22:4	1 RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Diisopropyl ether	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Methyl tert-butyl ether	0.56	ug/L	0.040	0.12	1			12/05/2017 22:4	1 RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
p-Isopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
trans-1,2-Dichloroethene	0.22	ug/L	0.040	0.14	1			12/05/2017 22:4	1 RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Trichloroethene	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/05/2017 22:4	1 RLD	EPA 8260C
Vinyl acetate	<0.22	ug/L	0.22	0.73	1	U		12/05/2017 22:4	1 RLD	EPA 8260C



CT LAB#: 958999 Sample Description:PW-7

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description QC Qualifiers	
в	Analyte detected in the associated Method Blank.	
С	Toxicity present in BOD sample.	Current CT Laboratorian Cortifications
D	Diluted Out.	Current CT Laboratories Certifications
Е	Safe, No Total Coliform detected.	Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.	Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.	Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.	
I .	BOD incubator temperature was outside acceptance limits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.	Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromatographic window.	Virginia NELAP Lab ID# 460203
м	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.	
Ν	Insufficient BOD oxygen depletion.	
0	Complete BOD oxygen depletion.	ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% between primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits.	GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.	
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	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.	
х	Analyte exceeded calibration range.	
Y	Replicate/Duplicate precision outside acceptance limits.	
Z	Specified calibration criteria was not met.	

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

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 submittel, 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.

		<i>c</i>				DNRI	D # (BRRTS #)
Oconomowoc Electro	oplating Compan	y, Inc. (OECI)	Supe	rfund Site		02-14	-000905
Address		<u>- / </u>		City		State	ZIP Code
W2573 Oak Street	· · · ·			Ashippun		WI	53003
Responsible Party							
The person(s) responsi	ble for completing t	hls environment	al inve	estigation is:			
Property Owner	ά.	20 20	8		÷.		ŝ
Oconomwoc Electro	plating Company	, Inc.					
Address	12 12		2	City		State	ZIP Code
W2573 Oak Street				Ashippun	147	WI	53003
Contact Person					Pho	ne Number	(include area code)
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539
Person or company the	at collected sample:	5					
Ashley Wagner, Tet	a Tech, Inc.						
Sample Results (Res	ults Attached)						
Sample Results (Res	anto / netaanto aj						
Reason for Sampling.	Routine	O Other (de	fine)	11 H			
Reason for Sampling:	Routine	O Other (de	fine)_		C *		
Reason for Sampling:	Routine have been klentifie	Other (de	fine)	erty that you own	or occupy include:		
Reason for Sampling: The contaminants that	Routine have been identifie In Second Sec	Other (de d at this time on oil? In G	fine)_ prope 3roun	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine have been identifie In Section 2018	Other (de d at this time on oil? In C	fine)_ prope 3roun Yes	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been identified In Society 1 Yes	Other (de ad at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? <u>No</u>	or occupy include: This sampling even	t included sa	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been kientifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well.	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Reve been identifie In So Yes O O	Other (de od at this time on oil? In C <u>No</u> O	fine) prope Groun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well. Yes	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine Ave been kientifie In So Yes O O O	Other (de od at this time on oil? In C <u>No</u> O O O O	fine) prope Groun Yes O O	erty that you own dwater? No O O O	This sampling even drinking water well. If yes, the sampled	t included so	empling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Reverse Rever	Other (de od at this time on oil? In C No O O O O O O O O O O O O O O O O O O	fine)_ prope 3roun Yes O O O	erty that you own dwater? No O O O O O O O	This sampling even drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ad at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine) prope Groun Yes O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included se	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Aave been kientifie In So Yes O O O O O O O O O O O O O O O	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that Contaminant Gasoline Diesel or Fuel Oil Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O O O O O O O O O O	Other (de od at this time on oil? In C No O O O O O O Contaminants i Yes N	fine) prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	or occupy include: This sampling even drinking water well.	t included se O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Anve been klentifie In So Yes O	Other (de d at this time on oil? In C <u>No</u> 0 0 0 0 0 Contaminants i <u>Yes N</u> 0 0	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	a or occupy include: This sampling even drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included sa O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O O	Other (de od at this time on oli? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	fine) - prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No	This sampling even drinking water well. Yes If yes, the sampled detectable contamin Yes	t included so O No drinking wat nants. O No	ampling of a ter well had

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	Last Name	First Name			
Tetra Tech	Manthey		Mark			
Address	City				ZIP Code	
175 N. Corporate Drive, Suite 100		Brookfield		WI	53045	
Phone # (inc. area code) Email					•	
(262) 792-1282 Mark.Manthey@te	etratech.com				*	
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection			
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)	
Pelayo	Aristee)		((508) 267-3539	
Address		City	······	State	ZIP Code	
101 S. Webster St., P.O. Box 7921		Madison		WI	53707-7921	
Email		· · · · · · · · · · · · · · · · · · ·				
aristeo.pelayo@wisconsin.gov						



Groundwater Quality Data

		C	ate 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

 μ g/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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 3.8
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132607	Date Received: 11/30/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 959454 Sample Description: PW-8

CT LAB#: 959454 Sample Des	scription: 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



TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132607 Page 2 of 5

Sampled: 11/29/2017 1300

CT LAB#: 959454 Sample Description:PW-8

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	JВ		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



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132607 Page 3 of 5

Sampled: 11/29/2017 1300

CT LAB#: 959454 Sample Description:PW-8

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:	2 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:	2 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:	2 RLD	EPA 8260C	
Methyl tert-butyl ether	0.65	ug/L	0.040	0.12	1			12/06/2017 15:	2 RLD	EPA 8260C	
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 15:	2 RLD	EPA 8260C	
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 15:	2 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	



CT LAB#: 959454 Sample Description:PW-8

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132607 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	imits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromate	graphic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery of	utside acceptance limits.	Mandand Lab ID# W/00061
Ν	Insufficient BOD oxygen depletion.		INALYIANG LAD ID# WI00061
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betwee	en primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits		GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance limi	s due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temper	rature.	
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 minimu	n.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lim	ts.	
z	Specified calibration criteria was not met.		

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

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 submittel, 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.

		<i>c</i>				DNRI	D # (BRRTS #)		
Oconomowoc Electro		02-14	-000905						
Address		<u>- / </u>		City		State	State ZIP Code		
W2573 Oak Street	· · · ·			Ashippun		WI	53003		
Responsible Party									
The person(s) responsi	ble for completing t	hls environment	al inve	estigation is:					
Property Owner	ά.	20 20	8		÷.		ŝ		
Oconomwoc Electro	plating Company	, Inc.							
Address	1. (2		2	City		State	ZIP Code		
W2573 Oak Street				Ashippun	147	WI	53003		
Contact Person					Pho	ne Number	(include area code)		
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539		
Person or company the	at collected sample:	5							
Ashley Wagner, Tet	a Tech, Inc.								
Sample Results (Res	ults Attached)								
Sample Results (Res	anto / netaarroaj								
Reason for Sampling.	Routine	O Other (de	fine)	10 a					
Reason for Sampling:	Routine	O Other (de	fine)_		C *				
Reason for Sampling:	Routine have been klentifie	Other (de	fine)	erty that you own	or occupy include:				
Reason for Sampling: The contaminants that	Routine have been identifie In Second Sec	Other (de d at this time on oil? In G	fine)_ prope 3roun	erty that you own dwater?	or occupy include:				
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine have been identifie In Section 2018	Other (de d at this time on oil? In C	fine)_ prope 3roun Yes	erty that you own dwater?	or occupy include:				
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been identified In Society 1 Yes	Other (de ad at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? <u>No</u>	or occupy include: This sampling even	t included sa	ampling of a		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been kientifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well.	t included se	ampling of a		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Reve been identifie In So Yes O O	Other (de od at this time on oil? In C <u>No</u> O	fine) prope Groun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well. Yes	t included se	ampling of a		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine Ave been kientifie In So Yes O O O	Other (de od at this time on oil? In C <u>No</u> O O O O	fine) prope Groun Yes O O	erty that you own dwater? No O O O	This sampling even drinking water well. If yes, the sampled	t included so	empling of a ter well had		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Reverse Rever	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine)_ prope 3roun Yes O O O	erty that you own dwater? No O O O O O O O	This sampling even drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	ampling of a ter well had		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ad at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine) prope Groun Yes O O O O	erty that you own dwater? No O O O O O O O O O O O O O	This sampling even drinking water well.	t included se	ampling of a ter well had		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Aave been kientifie In So Yes O O O O O O O O O O O O O O O O	Other (de od at this time on oil? In G No O O O O O O O O O O O O O O O O O O	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had		
Reason for Sampling: The contaminants that Contaminant Gasoline Diesel or Fuel Oil Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de od at this time on oil? In C No O O O O O O Contaminants i Yes N	fine) prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	or occupy include: This sampling even drinking water well.	t included se O No drinking wat nants. O No	ampling of a ter well had		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Anve been klentifie In So Yes O	Other (de d at this time on oil? In C <u>No</u> 0 0 0 0 0 Contaminants i <u>Yes N</u> 0 0	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	a or occupy include: This sampling even drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included sa O No drinking wat nants. O No	ampling of a ter well had		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O O	Other (de od at this time on oli? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	fine) - prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No	This sampling even drinking water well. Yes If yes, the sampled detectable contamin Yes	t included so O No drinking wat nants. O No	ampling of a ter well had		

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	First 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@te		*			
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection		
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)
Pelayo	Aristee)		((508) 267-3539
Address		City	······	State	ZIP Code
101 S. Webster St., P.O. Box 7921		Madison		WI	53707-7921
Email		· · · · · · · · · · · · · · · · · · ·			
aristeo.pelayo@wisconsin.gov					



Groundwater Quality Data

		D	ate Sampled	11/28/2017	11/28/2017	4
	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

 μ g/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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ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 958994 Sample Description: PW-9

CT LAB#: 958994 Sample Description: PW-9 Sample									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:	14 RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:	4 RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 20:	14 RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:	14 RLD	EPA 8260C



Project Phase:

CT LAB#: 958994 Sample Description:PW-9

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 2 of 5

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 20:4	14 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:4	14 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:4	14 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Acetone	0.38	ug/L	0.30	1.0	1	JВ		12/05/2017 20:4	14 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 20:4	4 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 20:4	4 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 20:4	4 RLD	EPA 8260C
cis-1,2-Dichloroethene	7.3	ug/L	0.070	0.23	1			12/05/2017 20:4	4 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 20:4	4 RLD	EPA 8260C



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 3 of 5

Sampled: 11/28/2017 0930

CT LAB#: 958994 Sample Description:PW-9

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



CT LAB#: 958994 Sample Description:PW-9

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	imits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromate	graphic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery of	utside acceptance limits.	Mandand Lab ID# W/00061
Ν	Insufficient BOD oxygen depletion.		INALYIANG LAD ID# WI00061
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betwee	en primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits		GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance limi	s due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temper	rature.	
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 minimu	n.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lim	ts.	
z	Specified calibration criteria was not met.		



CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

Sampled: 11/28/2017 0935

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 958996 Sample Description: PW-9 DUP

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 21:1	3 RLD	EPA 8260C
1,1,1-Trichloroethane	<0.050	ug/L	0.050	0.17	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.017	ug/L	0.017	0.057	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,1,2-Trichloroethane	<0.050	ug/L	0.050	0.16	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,1-Dichloroethane	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,1-Dichloroethene	<0.060	ug/L	0.060	0.20	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,1-Dichloropropene	<0.060	ug/L	0.060	0.19	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2,3-Trichloropropane	<0.040	ug/L	0.040	0.14	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.090	ug/L	0.090	0.29	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2-Dibromoethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2-Dichloroethane	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:1	3 RLD	EPA 8260C
1,2-Dichloropropane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:1	3 RLD	EPA 8260C



CT LAB#: 958996 Sample Description:PW-9 DUP

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 2 of 5

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	8 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Acetone	<0.30	ug/L	0.30	1.0	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 21:13	8 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 21:13	8 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 21:13	8 RLD	EPA 8260C
cis-1,2-Dichloroethene	7.0	ug/L	0.070	0.23	1			12/05/2017 21:13	8 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 21:13	8 RLD	EPA 8260C



CT LAB#: 958996 Sample Description:PW-9 DUP

TETRA TECH

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 3 of 5

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



CT LAB#: 958996 Sample Description:PW-9 DUP

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	imits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromate	graphic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery of	utside acceptance limits.	Mandand Lab ID# W/00061
Ν	Insufficient BOD oxygen depletion.		INALYIANG LAD ID# WI00061
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betwee	en primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits		GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance limi	s due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temper	rature.	
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 minimu	n.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lim	ts.	
z	Specified calibration criteria was not met.		

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

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 submittel, 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.

		<i>c</i>				DNRI	D # (BRRTS #)
Oconomowoc Electro	oplating Compan	y, Inc. (OECI)	Supe	rfund Site		02-14	-000905
Address		<u>- / </u>		City		State	ZIP Code
W2573 Oak Street	· · · ·			Ashippun		WI	53003
Responsible Party							
The person(s) responsi	ble for completing t	hls environment	al inve	estigation is:			
Property Owner	ά.	20 20	8		÷.		ŝ
Oconomwoc Electro	plating Company	, Inc.					
Address	1. (2		2	City		State	ZIP Code
W2573 Oak Street				Ashippun	147	WI	53003
Contact Person					Pho	ne Number	(include area code)
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539
Person or company the	at collected sample:	5					
Ashley Wagner, Tet	a Tech, Inc.						
Sample Results (Res	ults Attached)						
Sample Results (Res	anto / netaanto aj						
Reason for Sampling.	Routine	O Other (de	fine)	11 H			
Reason for Sampling:	Routine	O Other (de	fine)_		C *		
Reason for Sampling:	Routine have been klentifie	Other (de	fine)	erty that you own	or occupy include:		
Reason for Sampling: The contaminants that	Routine have been identifie In Second Sec	Other (de d at this time on oil? In G	fine)_ prope 3roun	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u>	Routine have been identifie In Section 2018	Other (de d at this time on oil? In C	fine)_ prope 3roun Yes	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been identified In Society 1 Yes	Other (de ad at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? <u>No</u>	or occupy include: This sampling even	t included sa	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been kientifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	fine)_ prope Broun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well.	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Reve been identifie In So Yes O O	Other (de od at this time on oil? In C <u>No</u> O	fine) prope Groun Yes	erty that you own dwater? No O	or occupy include: This sampling even drinking water well. Yes	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine Ave been kientifie In So Yes O O O	Other (de od at this time on oil? In C <u>No</u> O O O O	fine) prope Groun Yes O O	erty that you own dwater? No O O O	This sampling even drinking water well. If yes, the sampled	t included so	empling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Reverse Rever	Other (de od at this time on oil? In C No O O O O O O O O O O O O O O O O O O	fine)_ prope 3roun Yes O O O	erty that you own dwater? No (©) (©) (©) (©) (©) (©)	This sampling even drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ad at this time on oil? In C <u>No</u> O O O O O O O O O O O	fine) prope Groun Yes O O O O	erty that you own dwater? No O O O O O O O O O O O O O O	This sampling even drinking water well.	t included se	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Aave been kientifie In So Yes O O O O O O O O O O O O O O O	Other (de od at this time on oil? In G No O O O O O O O O O O O O O O O O O O	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O	This sampling even drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that Contaminant Gasoline Diesel or Fuel Oil Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O O O O O O O O O O	Other (de od at this time on oil? In C No O O O O O O Contaminants i Yes N	fine) prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	or occupy include: This sampling even drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included se O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Anve been klentifie In So Yes O	Other (de d at this time on oil? In C <u>No</u> 0 0 0 0 0 Contaminants i <u>Yes N</u> 0 0	fine) prope Groun Yes O O O O O O O O O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	This sampling even drinking water well.	t included sa O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O	Other (de od at this time on oli? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	fine) - prope Groun Yes O O O O O O O O O O O O O O O O O O O	erty that you own dwater? No	This sampling even drinking water well. Yes If yes, the sampled detectable contamin Yes	t included so O No drinking wat nants. O No	ampling of a ter well had

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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@te	etratech.com				*
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection		
Contact Person Last Name	First Na	ime		Phone	# (inc. area code)
Pelayo	Aristee)		((508) 267-3539
Address		City	······	State	ZIP Code
101 S. Webster St., P.O. Box 7921		Madison		WI	53707-7921
Email		· · · · · · · · · · · · · · · · · · ·			
aristeo.pelayo@wisconsin.gov					



Groundwater Quality Data

		C	ate 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

 μ g/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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 2.0
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132568	Date Received: 11/29/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 958998 Sample Description: PW-10

CT LAB#: 958998 Sample Des	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



CT LAB#: 958998 Sample Description:PW-10

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132568 Page 2 of 5

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	2 RLD	EPA 8260C
1,3-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
1,3-Dichloropropane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
1,4-Dichlorobenzene	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
1,4-Dioxane	<7.0	ug/L	7.0	23	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
2,2-Dichloropropane	<0.050	ug/L	0.050	0.15	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
2-Butanone	<0.50	ug/L	0.50	1.5	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
2-Chlorotoluene	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
2-Hexanone	<0.24	ug/L	0.24	0.81	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
4-Chlorotoluene	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
4-Methyl-2-pentanone	<0.24	ug/L	0.24	0.82	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Acetone	<0.30	ug/L	0.30	1.0	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
Benzene	<0.018	ug/L	0.018	0.059	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
Bromobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
Bromochloromethane	<0.030	ug/L	0.030	0.099	1	UQ		12/05/2017 22:1	2 RLD	EPA 8260C
Bromodichloromethane	<0.016	ug/L	0.016	0.054	1	U		12/05/2017 22:1	2 RLD	EPA 8260C
Bromoform	<0.040	ug/L	0.040	0.12	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Bromomethane	<0.080	ug/L	0.080	0.28	1	υz		12/05/2017 22:1	2 RLD	EPA 8260C
Carbon disulfide	<0.070	ug/L	0.070	0.25	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Carbon tetrachloride	<0.050	ug/L	0.050	0.18	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Chlorobenzene	<0.040	ug/L	0.040	0.15	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Chloroethane	<0.070	ug/L	0.070	0.23	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Chloroform	<0.030	ug/L	0.030	0.11	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
Chloromethane	<0.040	ug/L	0.040	0.13	1	U		12/05/2017 22:12	2 RLD	EPA 8260C
cis-1,2-Dichloroethene	0.18	ug/L	0.070	0.23	1	J		12/05/2017 22:12	2 RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.011	ug/L	0.011	0.038	1	U		12/05/2017 22:1	2 RLD	EPA 8260C



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132568 Page 3 of 5

Sampled: 11/28/2017 1505

CT LAB#: 958998 Sample Description:PW-10

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



CT LAB#: 958998 Sample Description:PW-10

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132568 Page 4 of 5

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

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.

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

<u>Code</u>	Description QC Qualifiers	
в	Analyte detected in the associated Method Blank.	
С	Toxicity present in BOD sample.	Current CT Laboratorian Cortifications
D	Diluted Out.	Current CT Laboratories Certifications
Е	Safe, No Total Coliform detected.	Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected.	Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected.	Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.	
I .	BOD incubator temperature was outside acceptance limits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.	Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chromatographic window.	Virginia NELAP Lab ID# 460203
м	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.	
Ν	Insufficient BOD oxygen depletion.	
0	Complete BOD oxygen depletion.	ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% between primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limits.	GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.	
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	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.	
х	Analyte exceeded calibration range.	
Y	Replicate/Duplicate precision outside acceptance limits.	
Z	Specified calibration criteria was not met.	

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 1 of 2

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 submittel, 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.

	E.4	£				DNR	D # (BRRTS #)
Oconomowoc Electr	oplating Compan	y, Inc. (OECI)	Supe	rfund Site		02-14	-000905
Address		<u></u>		City		State	ZIP Code
W2573 Oak Street	· · · ·			Ashippun		WI	53003
Responsible Party							
The person(s) responsi	ble for completing t	hls environment	al inve	stigation is:			NG 3 (1 100)
Property Owner	́л,	т. 17	3		÷		¢.
Oconomwoc Electro	plating Company	, Inc.		That is a second s			
Address	х «		÷	City		State	ZIP Code
W2573 Oak Street	estronto	*		Ashippun	147	WI	53003
Contact Person					Pho	ne Number	(include area code)
William Ryan (US E	PA RPM), Ariste	o Pelayo (WD	NR P	PM)		(608)	267-3539
Person or company the	at collected sample	5					
Ashley Wagner, Tet	ra Tech, Inc.						
Sample Results (Res	ults Attached)						
oumpie Reoute files	anto / lecashoaj						
Reason for Sampling.	Routine	O Other (de	efine)	11 H	(c. 14)		
Reason for Sampling:	Routine	O Other (de	efine)_		C . *		
Reason for Sampling: The contaminants that	Routine have been klentifie	Other (de	efine)_ _	erty that you own	or occupy include:		
Reason for Sampling: The contaminants that	Routine have been klentifie In Section 1	Other (de od at this time on oil? In G	efine) - n prope Groun	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that Contaminant	Routine have been klentifie In Section 2018	Other (de ed at this time on oil? In C	afine)_ n prope 3roun Yes	erty that you own dwater?	or occupy include:		
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline	Routine have been klentifie In So Yes	Other (de od at this time on oil? In C	afine)_ n prope 3roun Yes	erty that you own dwater? <u>No</u>	or occupy include:	t included sa	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli	Routine Ave been klentifie In So <u>Yes</u> O	Other (de od at this time on oil? In C <u>No</u>	afine)_ n prope Groun Yes	erty that you own dwater? No. O	or occupy include: This sampling event drinking water well.	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents	Routine Ave been klentifie In So Yes O O	Other (de ed at this time on oil? In C <u>No</u> O	afine) a prope 3roun <u>Yes</u> O O	erty that you own dwater? No O	or occupy include: This sampling event drinking water well. Yes	t included se	ampling of a
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals	Routine have been identified In Society of the second s	Other (de od at this time on oil? In C <u>No</u> O O O O	efine)_ n prope Groun Yes O	erty that you own dwater? No O O O	or occupy include: This sampling event drinking water well.	t included so	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides	Routine Ave been kientifie In So Yes O	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O	efine)_ n prope 3roun Yes 0 0	erty that you own dwater? No O O O O O O	This sampling event drinking water well. () Yes If yes, the sampled detectable contamin	t included se O No drinking wat nants.	empling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oil Solvents Heavy Metals Pesticides Other:	Routine Ave been kientifie In So Yes O	Other (de ed at this time on oil? In C <u>No</u> © © © © © © ©	efine) _ n prope 3roun Yes 0 0 0 0	erty that you own dwater? No O O O O O O O O O O O	This sampling event drinking water well.	t included se	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine Aave been kientifie In So Yes O	Other (de od at this time on oil? In C <u>No</u> O O O O O O O O O O O O O O O O O O O	efine)_ n prope 3roun Yes O O O O O O O O O O O O O	erty that you own dwater? <u>No</u> (©) (©) (©) (©) (©) (©)	or occupy include: This sampling event drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine In So Yes O	Other (de od at this time on oil? In C O O O O O O Contaminants i Yes N	efine)_ n prope 3roun Yes 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	enty that you own dwater? No (©) (©) (©) (©) (©) (©) (©) (©) (©) (©)	or occupy include: This sampling event drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included se O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other:	Routine In So Yes O	Other (de od at this time on oil? In C <u>No</u> (O) (O) (O) (O) (O) (O) (O) (O) (O) (O)	efine) - n prope 3roun Yes 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	This sampling event drinking water well. () Yes If yes, the sampled detectable contamin () Yes	t included sa O No drinking wat nants. O No	ampling of a ter well had
Reason for Sampling: The contaminants that <u>Contaminant</u> Gasoline Diesel or Fuel Oli Solvents Heavy Metals Pesticides Other: Indoor Air Sub-slab	Routine Aave been kientifie In So Yes O O O O O O O O O	Other (de od at this time on oil? In C No O O O O O O Contaminants i O O O O O O O O O O O O O O O O O O O	efine) prope Groun Yes O O O in Var lo O O	erty that you own dwater? No O O O O O O O O O O O O O O O O O O	or occupy include: This sampling event drinking water well.	t included so O No drinking wat nants. O No	ampling of a ter well had

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: <u>dnr.wi.gov/files/</u><u>PDF/pubs/rr/rr589.pdf</u>.

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 I	First 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@te	etratech.com				*		
Select which agency: Natural Resources	O Agriculture, T	rade and Consur	ner Protection				
Contact Person Last Name	First Na	ime		Phone # (inc. area code)			
Pelayo	Aristee	steo			(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							



Groundwater Quality Data

		C	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

 $\mu g/L$ = 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 LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TETRA TECH	Project Name: OCONOMOWOC ELECTROPLATING	Page 1 of 5
MARK MANTHEY	Project Phase:	Arrival Temperature: 3.8
175 N CORPORATE DRIVE	Project #: 117-7413004.01	Report Date: 12/19/2017
SUITE 100	Folder #: 132607	Date Received: 11/30/2017
BROOKFIELD, WI 53045	Purchase Order #:	Reprint Date: 12/29/2017
	Contract #: 2747	

CT LAB#: 959476 Sample Description: PW-11

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



CT LAB#: 959476 Sample Description:PW-11

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Project Phase:

Contract #: 2747 Folder #: 132607 Page 2 of 5

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



TETRA TECH

Project Phase:

Project Name: OCONOMOWOC ELECTROPLATING

Project #: 117-7413004.01

Contract #: 2747 Folder #: 132607 Page 3 of 5

Sampled: 11/29/2017 1540

CT LAB#: 959476 Sample Description:PW-11

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 17:0	9 RLD	EPA 8260C
Dibromomethane	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Dichlorodifluoromethane	<0.060	ug/L	0.060	0.19	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Diisopropyl ether	0.16	ug/L	0.040	0.14	1			12/06/2017 17:0	9 RLD	EPA 8260C
Ethylbenzene	<0.040	ug/L	0.040	0.15	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Hexachlorobutadiene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Isopropylbenzene	<0.040	ug/L	0.040	0.12	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
m & p-Xylene	<0.070	ug/L	0.070	0.23	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Methyl tert-butyl ether	0.91	ug/L	0.040	0.12	1			12/06/2017 17:0	9 RLD	EPA 8260C
Methylene chloride	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
n-Butylbenzene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
n-Propylbenzene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Naphthalene	<0.030	ug/L	0.030	0.10	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
o-Xylene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
p-lsopropyltoluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
sec-Butylbenzene	<0.050	ug/L	0.050	0.16	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Styrene	<0.030	ug/L	0.030	0.11	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
tert-Butylbenzene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Tetrachloroethene	<0.050	ug/L	0.050	0.18	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Tetrahydrofuran	<0.40	ug/L	0.40	1.5	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Toluene	<0.040	ug/L	0.040	0.13	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.040	ug/L	0.040	0.14	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.019	ug/L	0.019	0.063	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Trichloroethene	<0.050	ug/L	0.050	0.17	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Trichlorofluoromethane	<0.090	ug/L	0.090	0.14	1	U		12/06/2017 17:0	9 RLD	EPA 8260C
Vinyl acetate	2.6	ug/L	0.22	0.73	1			12/06/2017 17:0	9 RLD	EPA 8260C



CT LAB#: 959476 Sample Description:PW-11

TETRA TECH Project Name: OCONOMOWOC ELECTROPLATING Project #: 117-7413004.01 Project Phase:

Contract #: 2747 Folder #: 132607 Page 4 of 5

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

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.

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

<u>Code</u>	Description	QC Qualifiers	
в	Analyte detected in the associated Method Blank.		
С	Toxicity present in BOD sample.		Current CT Laboratorias Cartifications
D	Diluted Out.		Current CT Laboratories Certifications
E	Safe, No Total Coliform detected.		Wisconsin (WDNR) Chemistry ID# 157066030
F	Unsafe, Total Coliform detected, no E. Coli detected		Wisconsin (DATCP) Bacteriology ID# 105-289
G	Unsafe, Total Coliform detected and E. Coli detected		Louisiana NELAP (primary) ID# ACC20160002
н	Holding time exceeded.		
I .	BOD incubator temperature was outside acceptance	limits during test period.	Illinois NELAP Lab ID# 200073
J	Estimated value.		Kansas NELAP Lab ID# E-10368
L	Significant peaks were detected outside the chroma	ographic window.	Virginia NELAP Lab ID# 460203
М	Matrix spike and/or Matrix Spike Duplicate recovery	outside acceptance limits.	Mandand Lab ID# WI00061
Ν	Insufficient BOD oxygen depletion.		Marylanu Lab ID# W100001
0	Complete BOD oxygen depletion.		ISO/IEC 17025-2005 A2LA Cert # 3806.01
Р	Concentration of analyte differs more than 40% betw	een primary and confirmation analysis.	DoD-ELAP A2LA 3806.01
Q	Laboratory Control Sample outside acceptance limit	5.	GA EPD Stigulation ID ACC20160002
R	See Narrative at end of report.		
S	Surrogate standard recovery outside acceptance lim	its due to apparent matrix effects.	Pennsylvania NELAP Lab ID# 68-04201, # 008
т	Sample received with improper preservation or temp	erature.	
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 minim	m.	
х	Analyte exceeded calibration range.		
Y	Replicate/Duplicate precision outside acceptance lin	its.	
Z	Specified calibration criteria was not met.		