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

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 11/14)

GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM: Completion of this form is required under s. NR 724.13(3), Wis. Adm. Code. A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Failure to submit this form as required is a violation of s. NR 724.13(3), Wis. Adm. Code, and is subject to the penalties in s. 292.99, Wis. Stats. This form must be submitted every six months for soil or groundwater remediation projects that report operation and maintenance progress in accordance with s. NR 724.13(3), Wis. Adm. Code.

Note: Long-term monitoring results submitted in accordance with s. NR 724.17(3), Wis. Adm. Code are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with s. NR 724.17(3), Wis. Adm. Code.

Note: Responsible parties should check with the State Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent State lead Superfund response.

Note: Responsible parties should check with the State Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and obtain prior written approval for any omissions or changes.

Submittal of this form is not a substitute for reporting required by Department programs such as Waste Water or Air Management. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by the Bureau for Remediation and Redevelopment.

Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.). Unless otherwise noted, all citations refer to Wisconsin Administrative Code.

Note: There is a separate semi-annual report required under s. NR 700.11(1), Wis. Adm. Code. Reporting under that provision is through an internet-based form:

http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf

Section GI - General Site Information

A. General Information

1. Site name

Former Sta-Rite Industries, Deerfield

2. Reporting period from:	To:	Days in period:
01/01/2022	12/31/2022	365

3. Regulatory agency (enter DNR, DATCP and/or other)	4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)
DNR	02-13-001621

5. Site location

Region	County	Address
South Central Region	Dane	38 West Nelson Street, Deerfield, WI

Municipality name ◯ City ◯ Town ⓧ Village	Township	Range ◉E ◯W	Section	¼	¼ ¼
Village of Deerfield	07 N	12	21	SW	SW

6. Responsible party	7. Consultant
Name: Thomas Samuel	☐ Select if the following information has changed since the last submittal
Mailing address: 293 Wright Street, Delavan, WI 53115	Company name: Tetra Tech, Inc.
Phone number: (262) 278-7428	Mailing address: 13555 Bishops Ct, Suite 201, Brookfield, WI 53005
	Phone number: (262) 207-3458

8. Contaminants

Trichloroethene (TCE), 1,1,1-Trichloroethane (TCA), 1,1,2-Trichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,1-Dichloroethane, Tetrachloroethene, Methylene Chloride, Vinyl Chloride

9. Soil types (USCS or USDA)

SM/SC

10. Hydraulic conductivity(cm/sec):	11. Average linear velocity of groundwater (ft/yr)
0.00046	10.8

12. If soil is treated ex situ, is the treatment location off site? ◯ Yes ◯ No

If yes, give location: Region	County					
Municipality name City Town Village	Township N	Range ◯E ◯W	Section	¼	¼ ¼

B. Remediation Method

Only submit sections that apply to an individual site. Check all that apply:

- ☒ Groundwater extraction (submit a completed Section GW-1).
- ☐ Free product recovery (submit a completed Section GW-1).
- ☐ In situ air sparging (submit a completed Section GW-2).
- ☐ Groundwater natural attenuation (submit a completed Section GW-3).
- ☐ Other groundwater remediation method (submit a completed Section GW-4).
- ☐ Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- ☐ Soil natural attenuation (submit a completed Section IS-2).
- ☐ Other in situ soil remediation method (submit a completed Section IS-3).
- ☐ Biopiles (submit a completed Section ES-1).
- ☐ Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
- ☐ Other ex situ remediation method (submit a completed Section ES-3).
- ☐ Site is a landfill (submit a completed Section LF-1).

C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attentuation), complete this subsection.

1. Is the system operating at design rates and specifications? ◉ Yes ◯ No
   If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.

2. Are modifications to the system warranted to improve effectiveness ◯ Yes ◉ No
   If yes, explain:

3. Is natural attenuation an effective low cost option at this time? ◯ Yes ◉ No
4. Is closure sampling warranted at this time? ◯ Yes ◉ No
5. Are there any modifications that can be made to the remediation to improve cost effectiveness? ◯ Yes ◉ No
   If yes, explain:

D. Economic and Cost Data to Date

1. Total investigation cost: $32,000.00
2. Implementation costs (design, capital and installation costs, excluding investigation costs: $195,314.00
3. Total costs during the previous reporting period: $41,900.00
4. Total costs during this reporting period: $35,729.00
5. Total anticipated costs for the next reporting period: $39,918.00
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above? ◉ Yes ◯ No

If yes, explain:
A new blower motor for the groundwater treatment system air stripper was purchased and installed in 2021. Corroded pump wire was repaired and a new electric submersible pump was installed in extraction well in 2022.

7. If closure is anticipated within 12 months, estimated costs for project closeout:

E. Name(s), Signature(s) and Date of Person(s) Submitting Form

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

Registered Professional Engineers:

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

Print name	Title
Signature	Date

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Mark A. Manthey	Associate Hydrogeologist
Signature	Date
	2/24/2023

Scientists:

I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Other Persons:

Print name	Title
Signature	Date

Professional Seal(s), if applicable:

Section GW-1, Groundwater Pump and Treat Systems and Free Product Recovery Systems

A. Groundwater Extraction System Operation:

1. Total number of groundwater extraction wells or trenches available: 1 and the number in use during period: 1
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain:
   296.8
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
   81.3%
4. Quantity of groundwater extracted during this time period: 7,807,270 gallons
5. Average groundwater extraction rate: 14.9 gpm
6. Quantity of dissolved phase contaminants removed during this time period in pounds: 9.27 lbs

B. Free Product Recovery System Operation

1. Is free product (nonaqueous phase liquid) being recovered at this site? ◯ Yes ◉ No
   If yes, explain:
2. Quantity of free product extracted during this time period (enter none if none): _____ gallons
3. Average free product extraction rate: _____ gpm

C. System Effectiveness Evaluation

1. Is a contaminated groundwater plume fully contained in the capture zone? ◯ Yes ◉ No
   If no, explain:
   The system was designed to address the contaminant plume on the source area property in accordance with the Settlement Agreement and Release between the Village of Deerfield, Wisconsin and Sta-Rite Industries, Inc. dated November 30, 1998.
2. If free product is present, is the free product fully contained in capture zone? ◯ Yes ◯ No
   If no, explain:
3. If free product is present in any wells at the site, but free product was not recovered during reporting period, explain:
4. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in C.4.a.
   a. Contaminant: Trichloroethene (TCE)
   b. Percent reduction necessary to reach ch. NR 140 ES and PAL: 99.9 %
   c. Maximum contaminant concentration level in any monitoring well of that contaminant: 920 µg/L
   d. Maximum contaminant concentration level in any extraction well of that contaminant: 190 µg/L

e. If the maximum concentration in a monitoring well is more that one order of magnitude above the concentration measured in an extraction well, explain why the extracted groundwater contamination levels are significantly less than the levels at other locations within the aquifer.

The screened interval of the extraction well is 100 feet and therefore draws groundwater from less impacted zones of the aquifer than is represented by the sample results of monitoring well MW-17D, which has a 10-foot screen.

D. Additional Attachments

Attach the following to this form:

- Most recent report to the DNR Wastewater Program, if applicable.
- Groundwater contour map with capture zone indicated.
- Groundwater contaminant distribution map (may be combined with contour map).
- Graph of cumulative contaminant removal, if both free product recovery and ground water extraction are used, provide separate graphs.
- Time versus groundwater contaminant concentration graphs for the contaminant listed in C.4.a. (above), as follows:
  - -- Graph of contaminant concentrations versus time for each extraction well in use during the period.
  - -- Graph of contaminant concentrations versus time for the monitoring well with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- System operational data table.

ADDITIONAL ATTACHMENTS

FOURTH QUARTER 2022
WASTEWATER DISCHARGE MONITORING SHORT REPORT
AND DECEMBER 2022
WASTEWATER DISCHARGE MONITORING LONG REPORT

TETRA TECH

Wastewater Discharge Monitoring Short Report

For DNR Use Only

Facility Name : STA-RITE INDUSTRIES DEERFIELD PLANT (FORMER)
Contact Address : 175 N. Corporate Dr, Ste 100
Brookfield, WI 53045
Facility Contact : Mark Manthey, Associate Hydrogeologist
Phone Number : 262-207-3458
Reporting Period : 10/01/2022 - 12/31/2022
Form Due Date : 01/21/2023
Permit Number : **0046566**

Date Received:	
DOC:	506332
FIN:	38253
FID:	113123670
Region:	South Central Region
Permit Drafter:	Drafter not set
Reviewer:	Reviewer not set
Office:	Reviewer not set

Sample Point	Parameter #	Parameter	Date Sample	Sample Type	Sample Results	Units	Limit Type	Limit	LOD	LOQ	QC Exceed?	Lab Certification
001	377	pH Field	11/16/2022	GRAB	8.81	su	Daily Max Daily Min	9(0) 6(0)			N	
001	54	BETX, Total	11/16/2022	GRAB	<0.70	ug/L	Monthly Avg	750(0)			N	999580010
001	508	Trichloro- ethylene	11/16/2022	GRAB	1.6	ug/L	Monthly Avg	50(0)	0.16	0.50	N	999580010
001	561	1,1,1-Trichloro- ethane	11/16/2022	GRAB	<0.38	ug/L	Monthly Avg	50(0)	0.38	1.0	N	999580010
001	517	Vinyl chloride	11/16/2022	GRAB	<0.20	ug/L	Monthly Avg	10(0)	0.20	1.0	N	999580010

Wastewater Discharge Monitoring Short Report

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Laboratory Quality Control Comments

Submitted by Mark Manthey(mmanthey) on 1/4/2023 4:34:45 PM

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	KRG	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		11/16/22	11/16/22		
CLOCK TIME (Military)		14:47	14:20		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		3026792	3026231		
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		9.5	9.3		
pH		7.82	8.81		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1180	1170		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	11/17/22	11/17/22		
SAMPLER'S NAME	KRG	KRG		

TETRA TECH

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark Manthey
Tetra Tech GEO
13555 Bishops Ct
Suite 220
Brookfield, Wisconsin 53005

Generated 12/5/2022 11:06:35 AM

JOB DESCRIPTION

Pentair Deerfield - 117-7469010.100

JOB NUMBER

500-225717-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

Generated
12/5/2022 11:06:35 AM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Case Narrative

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Job ID: 500-225717-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-225717-1

Comments
No additional comments.

Receipt
The samples were received on 11/18/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Influent
Lab Sample ID: 500-225717-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
Trichloroethene	110		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Effluent
Lab Sample ID: 500-225717-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-225717-1	Influent	Water	11/16/22 14:47	11/18/22 10:00
500-225717-2	Effluent	Water	11/16/22 14:20	11/18/22 10:00

Client Sample Results

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Influent
Lab Sample ID: 500-225717-1
Date Collected: 11/16/22 14:47
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.6**		1.0	0.38	ug/L			11/26/22 14:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/26/22 14:40	1
Benzene	<0.15		0.50	0.15	ug/L			11/26/22 14:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/26/22 14:40	1
Toluene	<0.15		0.50	0.15	ug/L			11/26/22 14:40	1
Trichloroethene	**110**		0.50	0.16	ug/L			11/26/22 14:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/26/22 14:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/26/22 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*11/26/22 14:40*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*11/26/22 14:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/26/22 14:40*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/26/22 14:40*	*1*

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Effluent
Lab Sample ID: 500-225717-2
Date Collected: 11/16/22 14:20
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 11:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 11:33	1
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 11:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 11:33	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 11:33	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			11/29/22 11:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 11:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*11/29/22 11:33*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*11/29/22 11:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*		*11/29/22 11:33*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 11:33*	*1*

Definitions/Glossary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

GC/MS VOA

Analysis Batch: 686860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225717-1	Influent	Total/NA	Water	8260B	
MB 500-686860/8	Method Blank	Total/NA	Water	8260B	
LCS 500-686860/30	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 687206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225717-2	Effluent	Total/NA	Water	8260B	
MB 500-687206/8	Method Blank	Total/NA	Water	8260B	
LCS 500-687206/6	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-225717-1	Influent	107	93	111	93
500-225717-2	Effluent	104	85	80	98
LCS 500-686860/30	Lab Control Sample	105	92	107	95
LCS 500-687206/6	Lab Control Sample	101	81	78	100
MB 500-686860/8	Method Blank	106	91	108	94
MB 500-687206/8	Method Blank	104	85	84	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-686860/8
Matrix: Water
Analysis Batch: 686860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/26/22 10:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/26/22 10:37	1
Benzene	<0.15		0.50	0.15	ug/L			11/26/22 10:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/26/22 10:37	1
Toluene	<0.15		0.50	0.15	ug/L			11/26/22 10:37	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/26/22 10:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/26/22 10:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/26/22 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*11/26/22 10:37*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*11/26/22 10:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*11/26/22 10:37*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*11/26/22 10:37*	*1*

Lab Sample ID: LCS 500-686860/30
Matrix: Water
Analysis Batch: 686860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 125
1,1,2-Trichloroethane	50.0	48.2		ug/L		96	71 - 130
Benzene	50.0	45.9		ug/L		92	70 - 120
Ethylbenzene	50.0	44.5		ug/L		89	70 - 123
Toluene	50.0	49.6		ug/L		99	70 - 125
Trichloroethene	50.0	45.2		ug/L		90	70 - 125
Vinyl chloride	50.0	53.7		ug/L		107	64 - 126
Xylenes, Total	100	96.5		ug/L		97	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-687206/8
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 11:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 11:06	1
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 11:06	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/29/22 11:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 11:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 11:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*11/29/22 11:06*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*11/29/22 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*11/29/22 11:06*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 11:06*	*1*

Lab Sample ID: LCS 500-687206/6
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	40.0	36.0		ug/L		90	70 - 125
1,1,2-Trichloroethane	40.0	42.7		ug/L		107	71 - 130
Benzene	40.0	41.2		ug/L		103	70 - 120
Ethylbenzene	40.0	46.8		ug/L		117	70 - 123
Toluene	40.0	45.0		ug/L		113	70 - 125
Trichloroethene	40.0	42.4		ug/L		106	70 - 125
Vinyl chloride	40.0	38.7		ug/L		97	64 - 126
Xylenes, Total	80.0	83.9		ug/L		105	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*81*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Client Sample ID: Influent

Lab Sample ID: 500-225717-1

Date Collected: 11/16/22 14:47

Matrix: Water

Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686860	W1T	EET CHI	11/26/22 14:40

Client Sample ID: Effluent

Lab Sample ID: 500-225717-2

Date Collected: 11/16/22 14:20

Matrix: Water

Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	687206	PSP	EET CHI	11/29/22 11:33

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708 534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: Kenny Rodriguez	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-107146-26181 1
Client Contact: Mr Mark Manthey	Phone: (906) 275-8708	E Mail: Sandra Fredrick@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: Tetra Tech GEO	PWS D:	Analysis Requested		Job #: 500-225717
Address: 13555 Bishops Ct Suite 220	Due Date Requested: standard			Preservation Codes: A HCL; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G Anchor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4 5; Y Trizma; Z other (specify)
City: Brookfield	TAT Requested (days):			
State Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262 792 1282 Tel	PO #: Purchase Order not required			Other:
Email: mark manthey@tetratech com	WO #:			
Project Name: Pentair Deerfield	Project #: 50006640 117-7469010.100			
Site:	SSOW#:			

500-225717 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs - Wisconsin	TCE	1,1,1 - TCA	1,1,2 - TCA	Vinyl Chloride	BETX	by method 8260B	Total Number of containers	Special Instructions/Note
	2022		Preservation Code:				A								
2 Influent	11/16	14.47	G	Water				3	→	→	→	→	→		separate report required
Effluent	11/16	14 20	G	Water				3	→	→	→	→	→		
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment: Eurofins

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
KRG	11/17/22 14 00	Tetra Tech	[signature]	11/18/22 1008	EETA
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks: 5.1-T93

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-225717-1
SDG Number:

Login Number: 225717
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: STA-RITE INDUSTRIES DEERFIELD PLANT (FORMER)
Contact Address: 175 N. Corporate Dr, Ste 100
Brookfield, WI 53045
Facility Contact: Mark Manthey, Associate Hydrogeologist
Phone Number: 262-207-3458
Reporting Period: 12/01/2022 - 12/31/2022
Form Due Date: 01/21/2023
Permit Number: 0046566

Date Received:		
DOC:	505768	
FIN:	38253	
FID:	113123670	
Region:	South Central Region	
Permit Drafter:	Drafter not set	
Reviewer:	Reviewer not set	
Office:	Reviewer not set	

	Sample Point	001
	Description	Surface Water Discharge
	Parameter	211
	Description	Flow Rate
	Units	gpd
	Sample Type	ESTIMATED
	Frequency	DAILY
Sample Results	**Day 1**	30065
	2	30065
	3	30065
	4	30065
	5	30065
	6	29952
	7	29952
	8	29952
	9	29952
	10	29952
	11	29952
	12	29952
	13	29582
	14	29582
	15	29582
	16	29582
	17	29582
	18	29582
	19	29582
	20	29384
	21	29384
	22	29384
	23	29384
	24	29384
	25	29384
	26	29384
	27	29271
	28	29271
	29	29271
	30	29271
	31	29271

	Sample Point	001
	Description	Surface Water Discharge
	Parameter	211
	Description	Flow Rate
	Units	gpd
Summary Values	**Monthly Avg**	29648.580645161
	Daily Max	30065
	Daily Min	29271
QA/QC Information	**LOD**	
	LOQ	
	QC Exceedance	N
	Lab Certification	

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

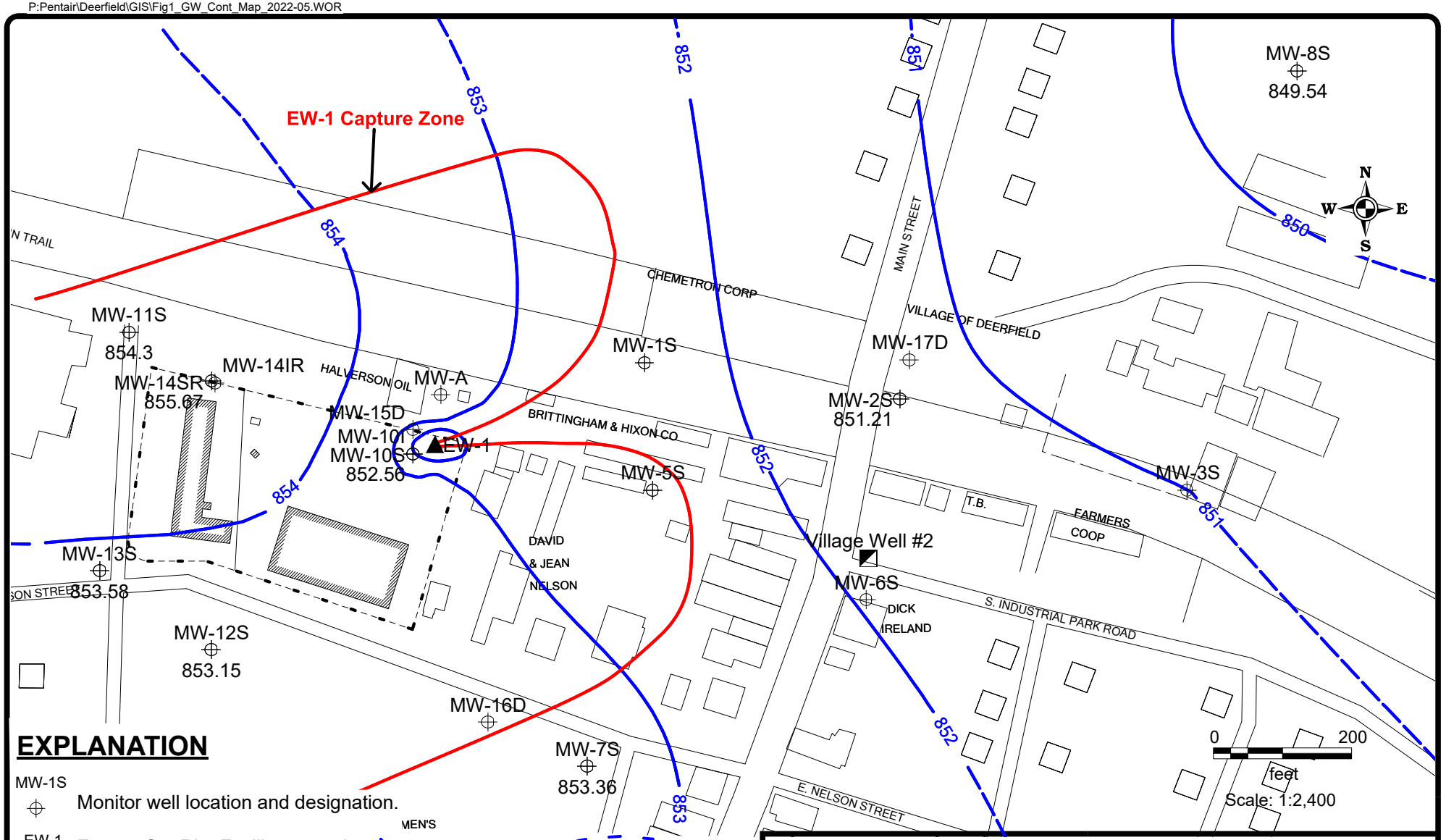
Estimated daily flow rates calculated from meter readings collected on 11/29/2022, 12/6/2022, 12/13/2022, 12/20/2022, 12/27/2022, and 1/3/2023.

Laboratory Quality Control Comments

Submitted by Mark Manthey(mmanthey) on 1/4/2023 4:42:11 PM

FIGURES

P:Pentair\Deerfield\GIS\Fig1_GW_Cont_Map_2022-05.WOR



EXPLANATION

MW-1S — Monitor well location and designation.

EW-1 — Former Sta-Rite Facility extraction well location and designation.

Village of Deerfield water supply well location.

853.58 — Groundwater elevation measured in shallow ("S" designation) monitor wells May 26, 2022.

Groundwater elevation contour, dashed where inferred (feet MSL).

Contour Interval: 1 foot
Datum: Mean Sea Level (MSL)

TITLE:
FORMER STA-RITE FACILITY
MAY 2022 GROUNDWATER CONTOUR MAP

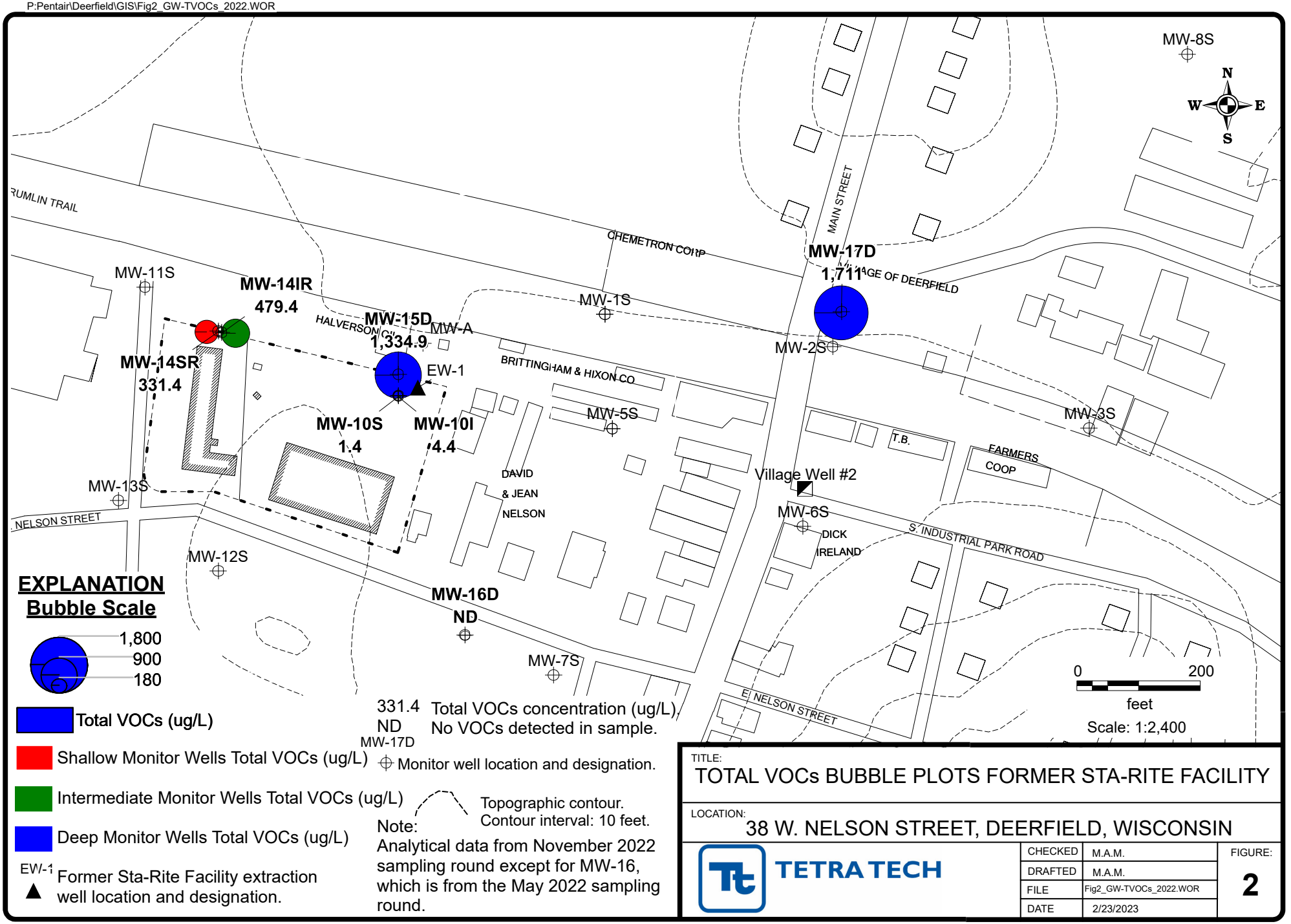
LOCATION:
38 W. NELSON STREET, DEERFIELD, WISCONSIN

TETRA TECH

CHECKED	M.A.M.
DRAFTED	M.A.M.
FILE	Fig1_GW_Elev21.wor
DATE	2/23/2023

FIGURE: 1

P:Pentair\Deerfield\GIS\Fig2_GW-TVOCs_2022.WOR



TITLE:
TOTAL VOCs BUBBLE PLOTS FORMER STA-RITE FACILITY

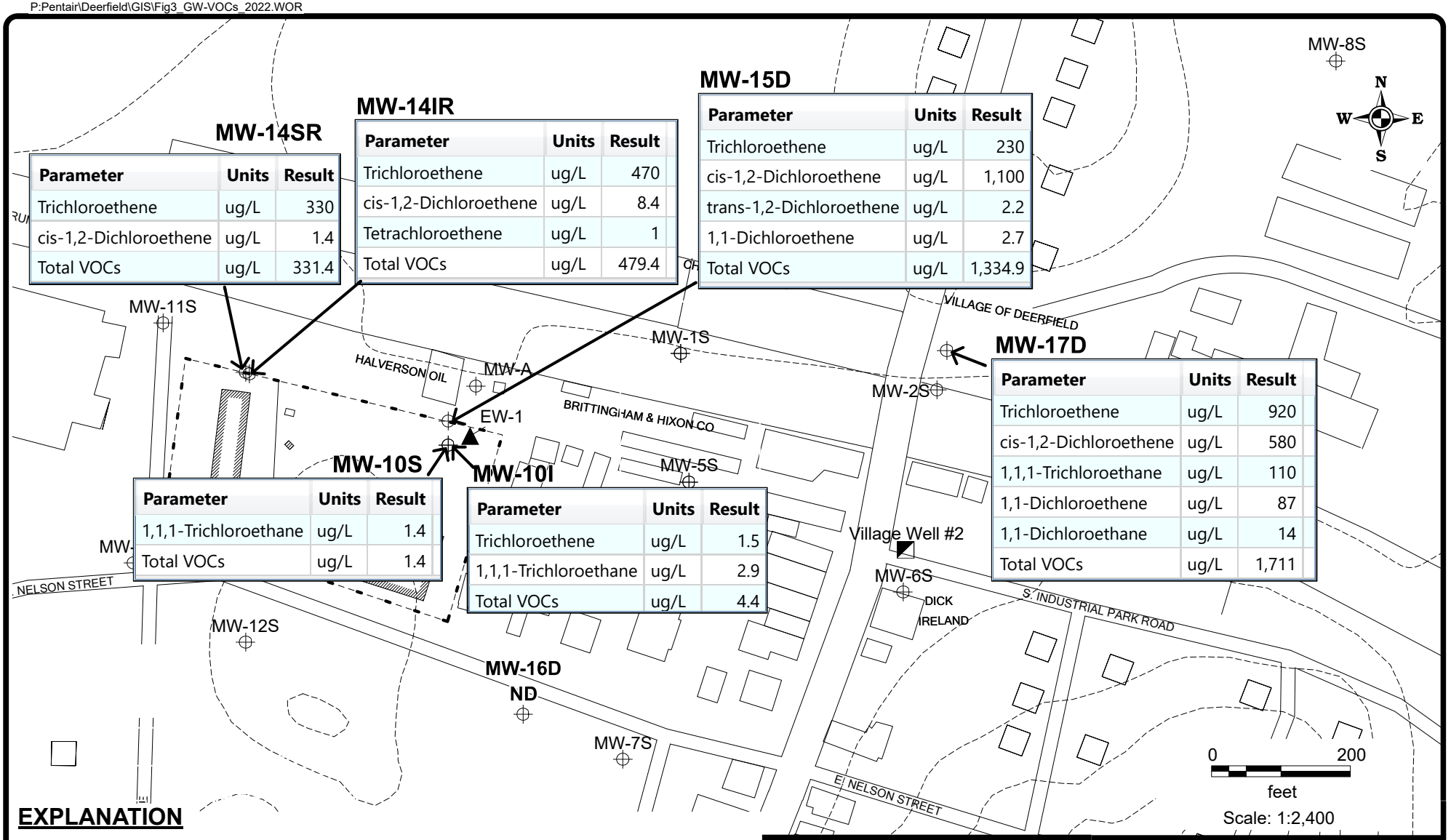
LOCATION:
38 W. NELSON STREET, DEERFIELD, WISCONSIN

TETRA TECH

CHECKED	M.A.M.
DRAFTED	M.A.M.
FILE	Fig2_GW-TVOCs_2022.WOR
DATE	2/23/2023

FIGURE: 2

P:Pentair\Deerfield\GIS\Fig3_GW-VOCs_2022.WOR



EXPLANATION

MW-17D
Monitor well location and designation.

EW-1
Former Sta-Rite Facility extraction well location and designation.

Village of Deerfield water supply well location.

ND No VOCs detected in sample.

Topographic contour.
Contour interval: 10 feet.

Note:
Analytical data from November 2022 sampling round except for MW-16, which is from the May 2022 sampling round.

TITLE:
FORMER STA-RITE FACILITY
2022 CONTAMINANT DISTRIBUTION MAP

LOCATION:
38 W. NELSON STREET, DEERFIELD, WISCONSIN

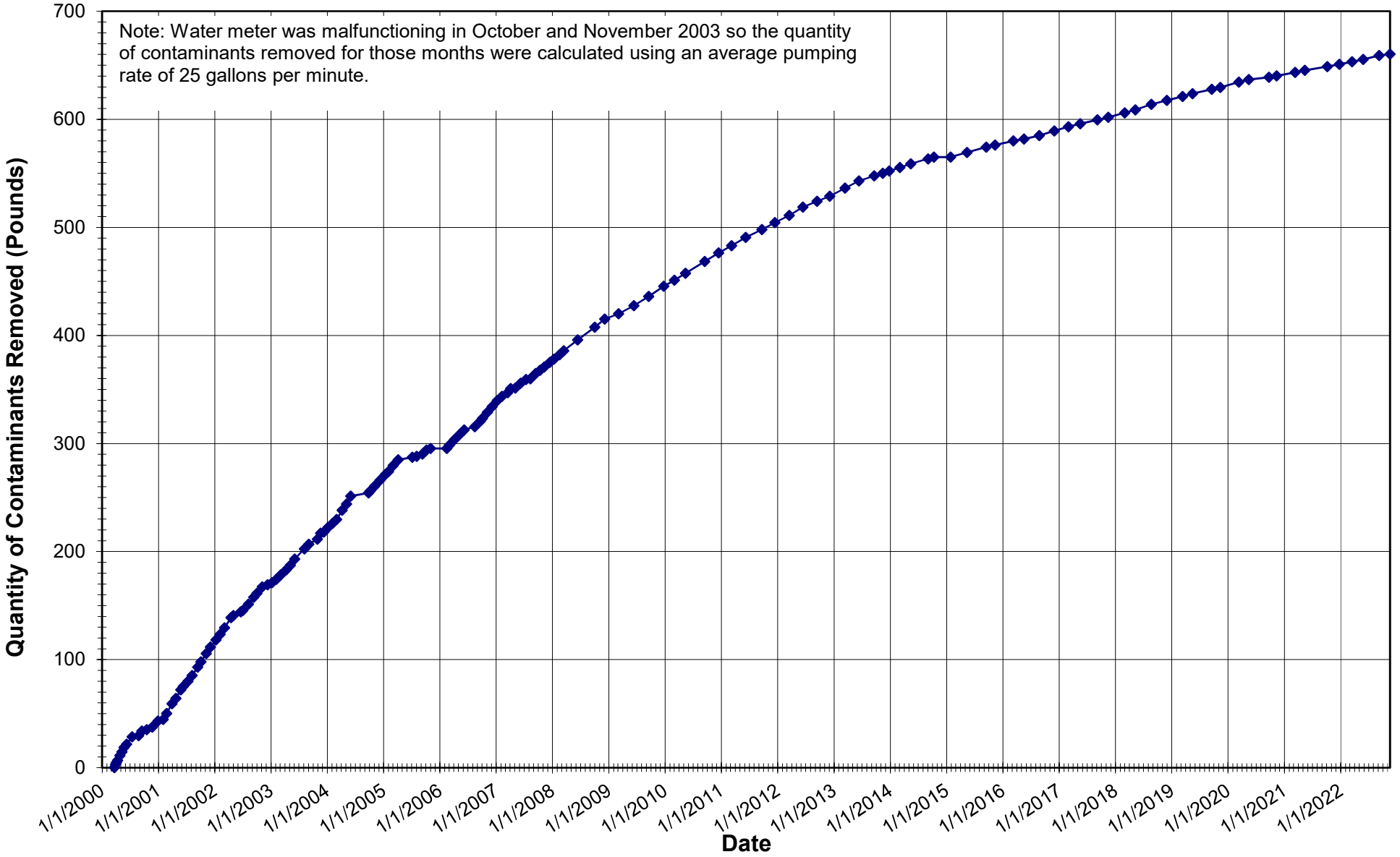
TETRA TECH

CHECKED	M.A.M.
DRAFTED	M.A.M.
FILE	Fig3_GW-VOCs_2022.WOR
DATE	2/24/2023

FIGURE: 3

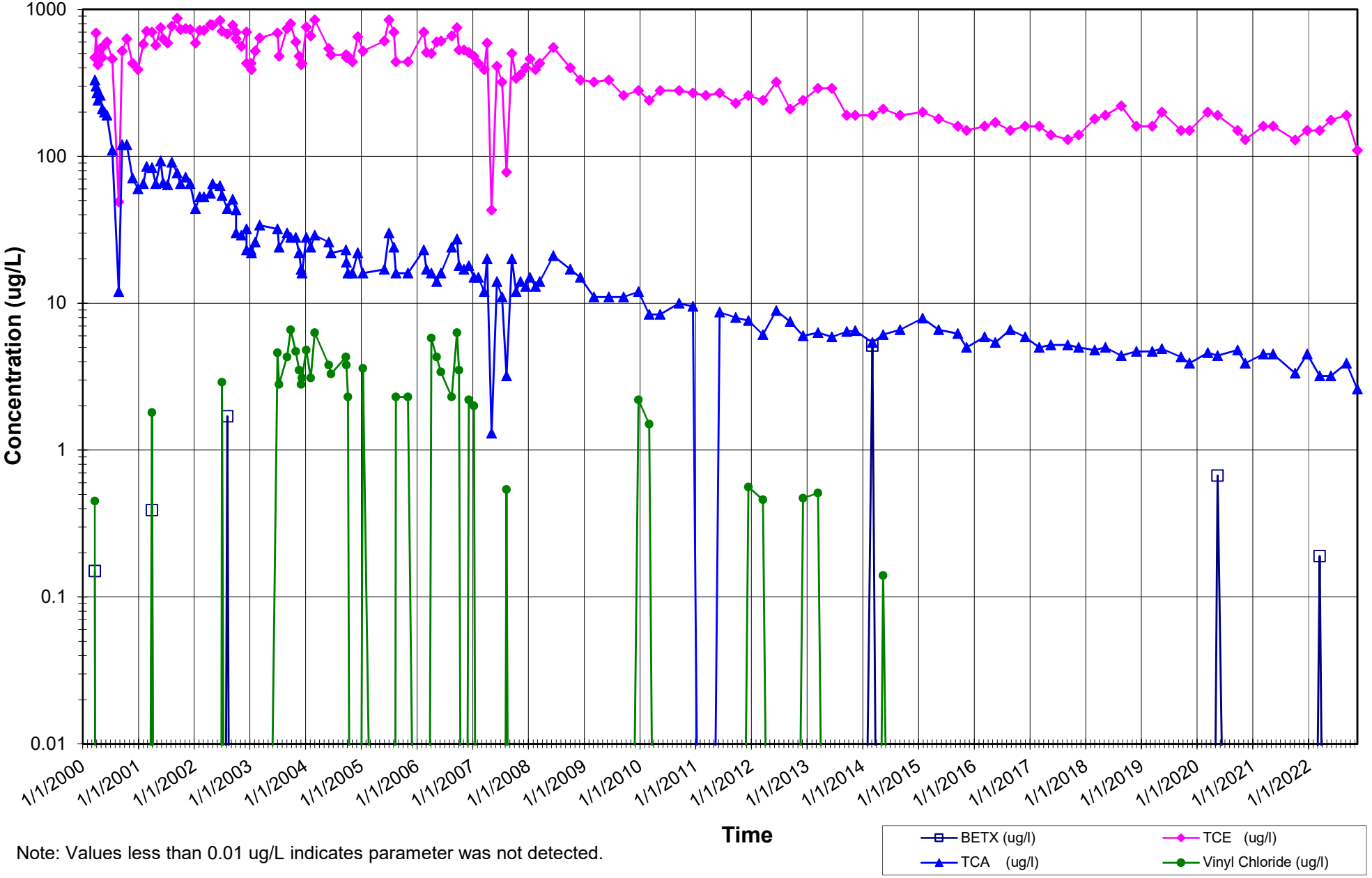
GRAPHS

Chart 1. Former Sta-Rite Facility Deerfield, Wisconsin
Groundwater Extraction and Treatment System
Cumulative Dissolved-Phase Contaminants Removed



P:\StaRite\Deerfield\Wpdes\Remediation System Data.xlsx

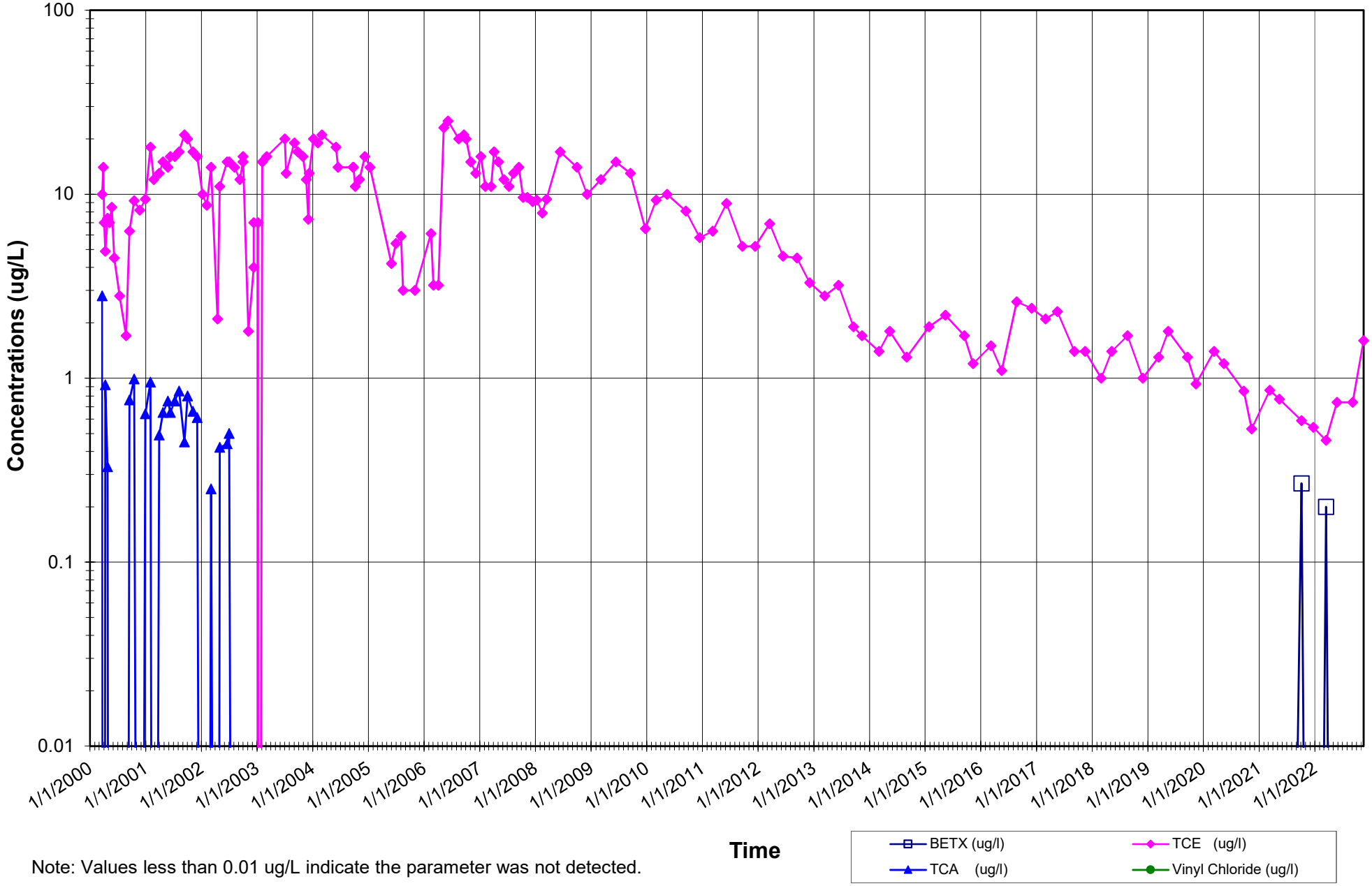
Chart 3. Former Sta-Rite Facility Deerfield, Wisconsin
Groundwater Extraction and Treatment System Influent Concentrations



Note: Values less than 0.01 ug/L indicates parameter was not detected.

P:\StaRite\Deerfield\Wpdes\Remediation System Data.xlsx

Chart 2. Former Sta-Rite Facility Deerfield, Wisconsin Groundwater Extraction and Treatment System Treated Groundwater Effluent Concentrations



Note: Values less than 0.01 ug/L indicate the parameter was not detected.

P:\StaRite\Deerfield\Wpdes\Remediation System Data.xlsx

Chart 4. Monitor Well MW-17D Groundwater Chemistry Time Series Chart

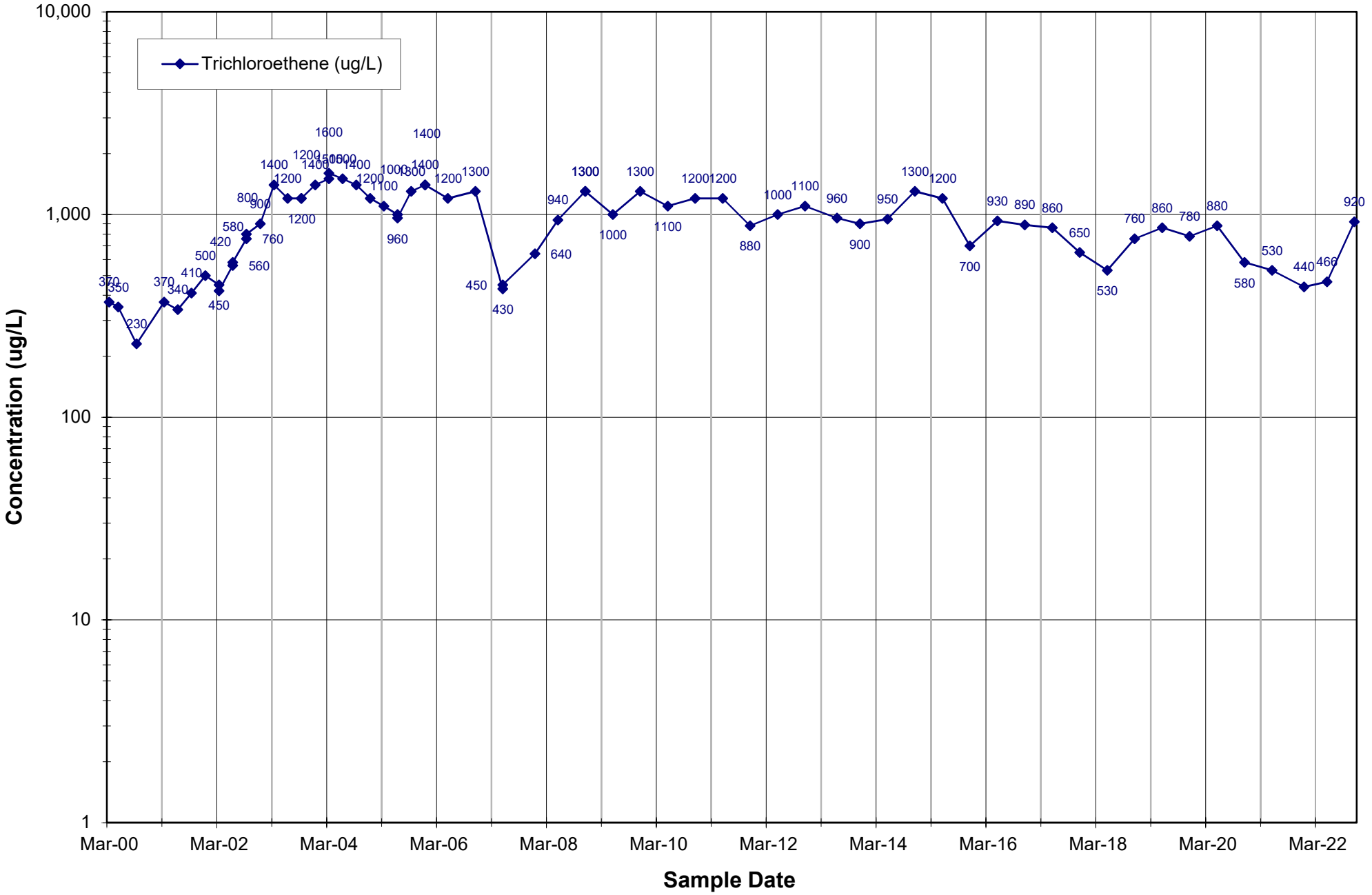
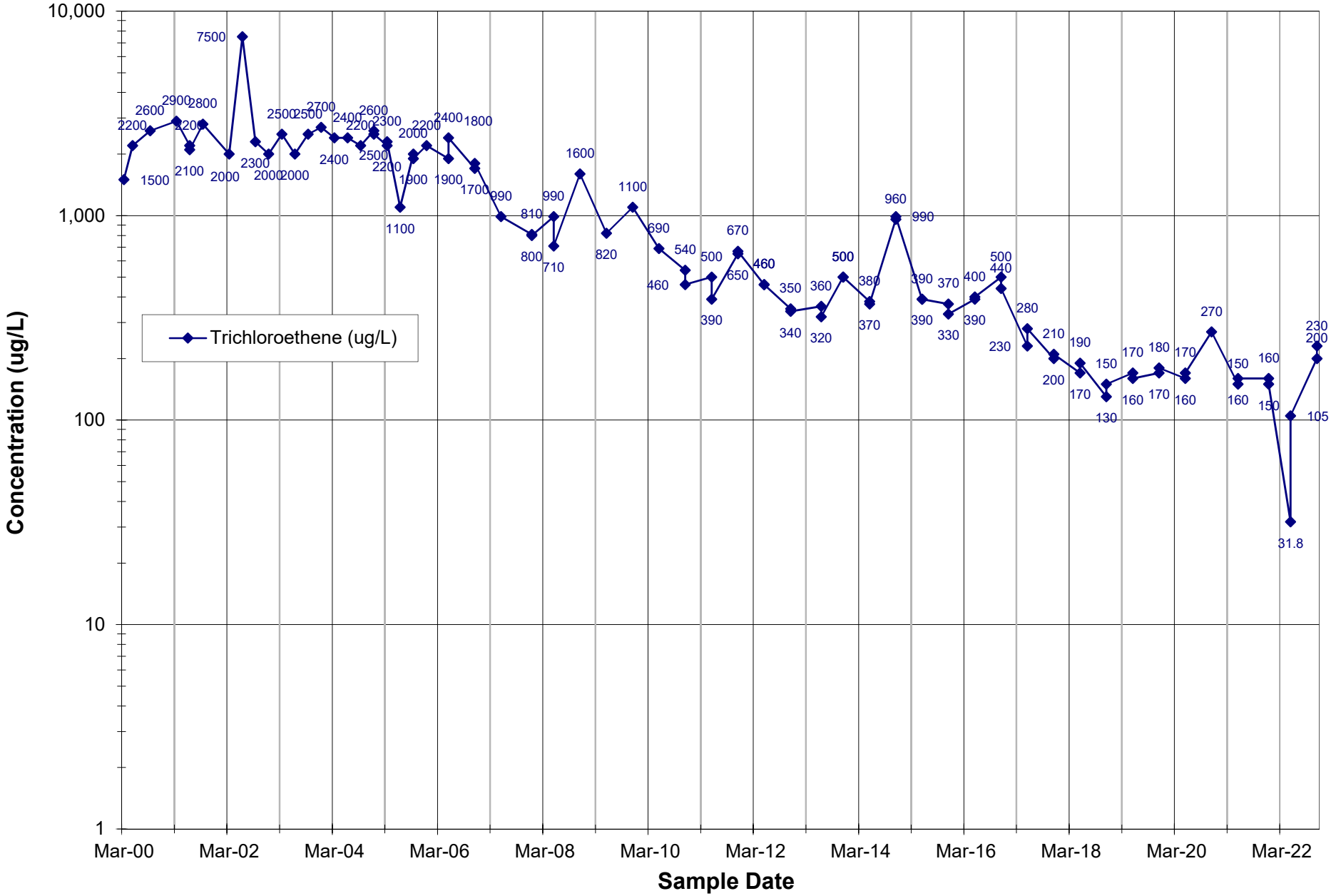


Chart 5. Monitor Well MW-15D Groundwater Chemistry Time Series Chart



P:\StaRite\Deerfield\gw-results.xlsx

Chart 6. Former Sta-Rite Facility
Deerfield, Wisconsin
MW-14IR Groundwater Chemistry Chart

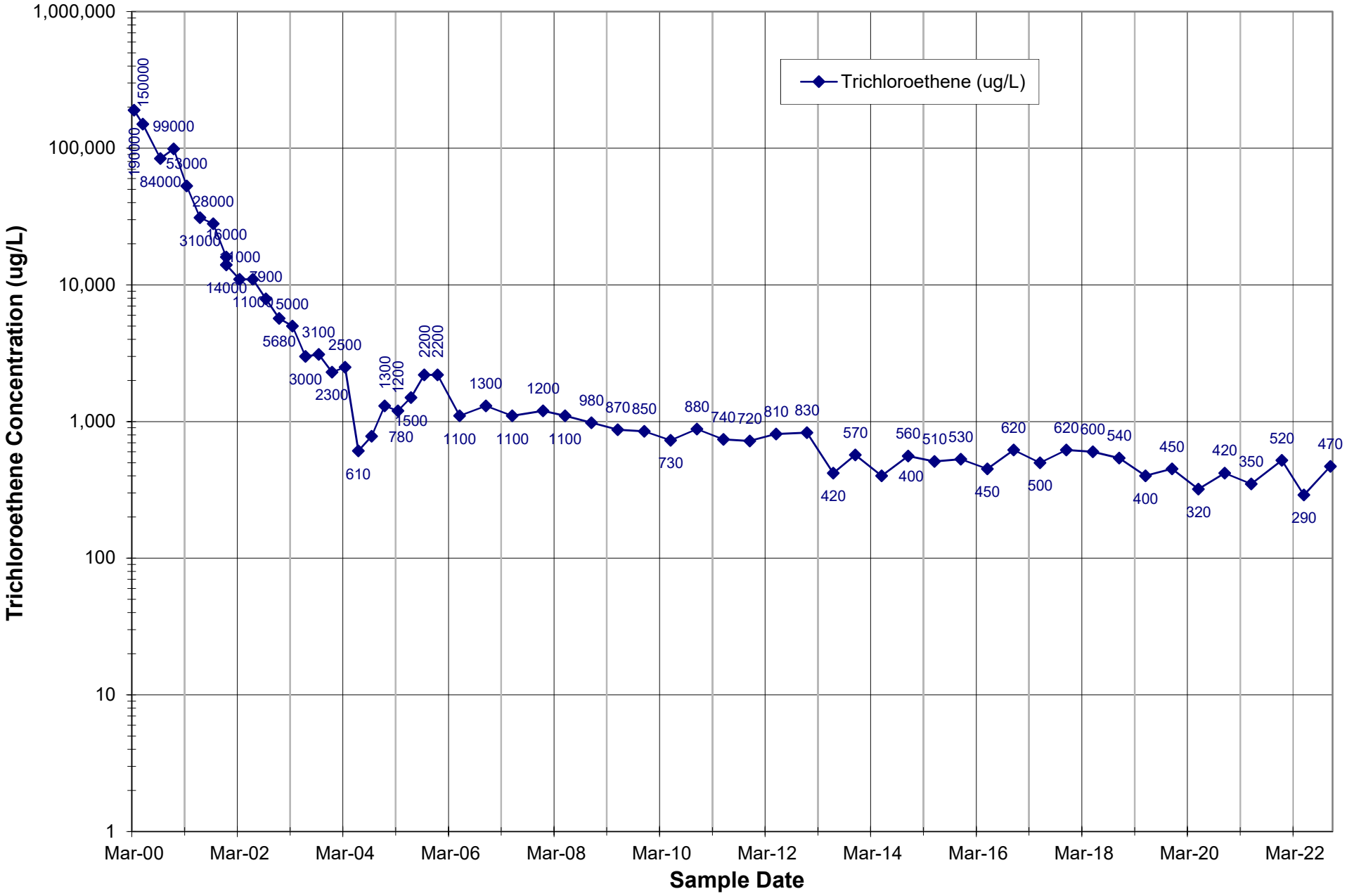


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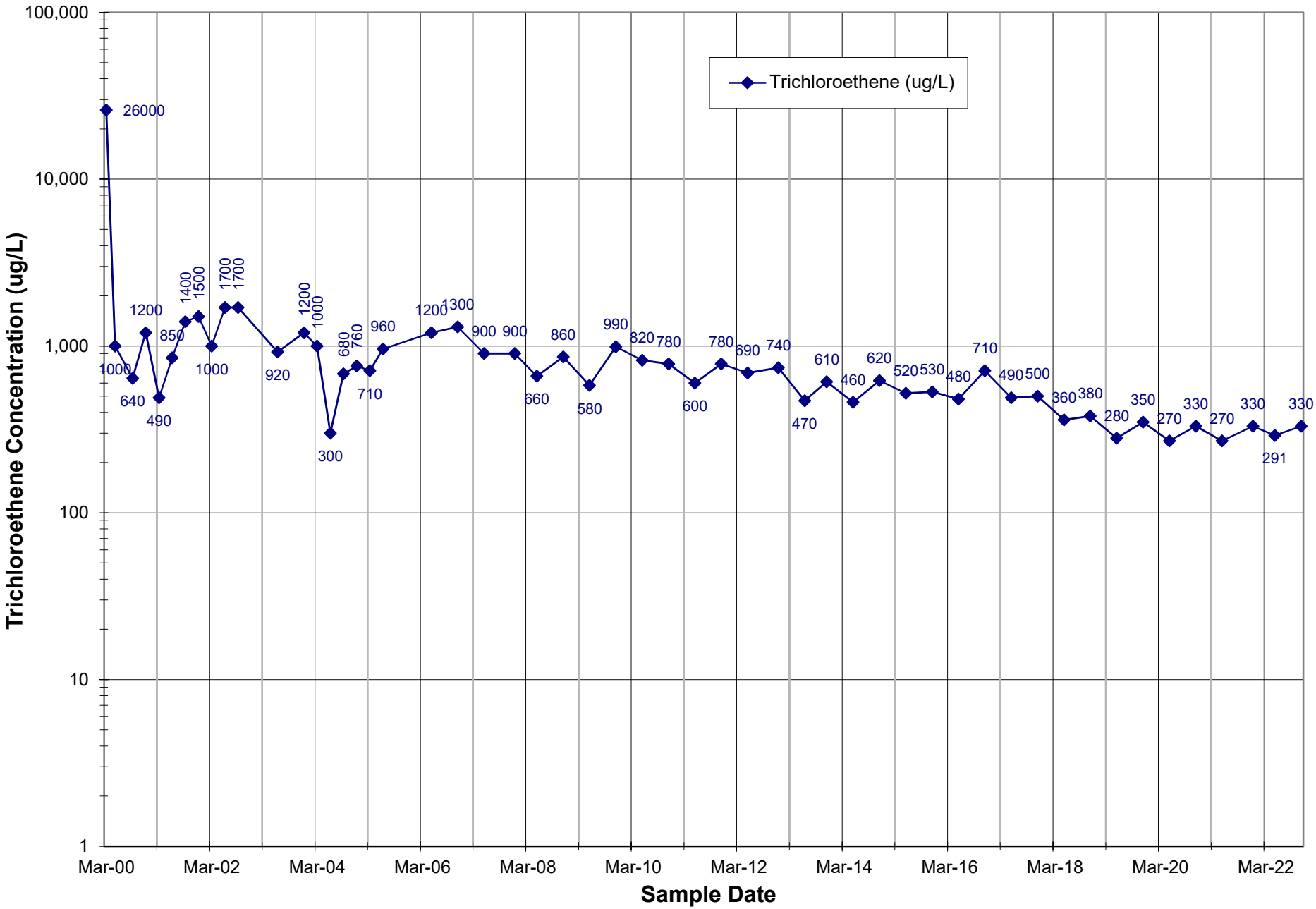
Chart 7. Former Sta-Rite Facility
Deerfield, Wisconsin
MW-14SR Groundwater Chemistry Time Series Chart



P:\StaRite\Deerfield\gw-results.xlsx

TABLES

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
3/20/2000	12:20	0	510	35.0	50,400	1,528,800	<0.25	10.0	2.8	<0.25	0.15	470	330	0.45	10.2	1051	7.8	10.2	1049	7.0
3/27/2000	14:40	10,220	344,820	33.7	48,513	1,492,010	<0.25	14.0	<0.25	<0.25	<10	690	300	<10	11.2	1065	7.2	11.6	1057	8.0
4/3/2000	13:18	9,998	670,800	32.6	46,951	1,412,580	<0.25	7.0	<0.25	<0.25	<10	470	270	<10	Not Measured			Not Measured		
4/10/2000	12:10	10,012	995,260	32.4	46,666	1,405,993	<0.25	4.9	0.9	<0.25	<2.5	420	240	<2.5	11.6	1077	7.6	12.0	1102	6.9
4/25/2000	15:45	21,815	1,691,480	31.9	45,957	1,408,637	<0.25	7.4	0.3	<0.25	<5.0	540	260	<5.0	13.7	1094	7.6	15.3	1302	6.7
5/8/2000	11:40	18,475	2,276,850	31.7	45,626	1,368,142	<0.25	7.0	<0.25	<0.25	<5.0	470	210	<5	14.8	1089	7.8	14.5	1104	7.0
5/22/2000	16:45	20,465	2,922,430	31.5	45,426	1,498,597	<0.25	8.5	<0.25	<0.25	<5.0	570	200	<5.0	13.7	1041	7.9	14.1	999	7.1
6/8/2000	11:30	14,475	3,382,990	31.8	45,817	1,393,612	<0.50	4.5	<0.50	<0.50	<6.2	600	190	<6.2	15.5	1044	7.8	17.5	798	6.9
7/13/2000	11:50	50,420	4,822,140	28.5	41,102	1,439,150	<0.70	2.8	<0.50	<0.25	<7.0	460	110	<2.5	15.7	1038	7.9	15.7	1009	6.9
8/24/2000	15:51	60,721	6,597,870	29.2	42,111	1,775,730	<0.70	1.7	<0.50	<0.25	<0.70	49	12	<0.25	17.8	1183	7.6	20.4	1194	6.8
9/15/2000	15:55	31,684	7,411,920	25.7	36,998	814,050	<0.70	6.3	0.76	<0.25	<7.0	520	120	<2.5	14.7	1181	7.9	15.4	1198	7.4
10/16/2000	11:44	44,389	7,634,443	5.0	7,219	222,523	<0.70	9.2	0.99	<0.25	<14.0	630	120	<5.0	16.2	1194	7.6	17.8	1116	7.3
10/17/2000	13:50	1,566	7,678,405	28.1	40,425	266,485	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
10/17/2000	23:26	576	7,694,519	28.0	40,285	282,599	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
11/7/2000	10:00	29,434	7,694,519	0.0	0	0	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
11/7/2000	10:15	15	7,694,950	28.7	41,376	431	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
11/9/2000	12:26	3,011	7,695,420	0.2	225	901	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
11/9/2000	12:43	17	7,695,899	28.2	40,574	1,380	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
11/22/2000	13:50	18,787	8,182,843	25.9	37,324	488,324	<0.70	8.2	<0.50	<0.25	<34.0	430	71	<12	Not Measured			Not Measured		
12/28/2000	11:20	51,690	9,645,440	28.3	40,746	1,950,490	<0.70	9.4	0.64	<0.25	<7.0	390	60	<2.5	10.6	1023	7.7	9.5	1022	7.4
1/31/2001	12:50	49,050	9,922,200	5.6	8,125	276,760	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
1/31/2001	14:42	112	9,925,270	27.4	39,471	279,830	<0.70	18	0.95	<0.25	<7.0	580	65	<2.5	12.9	1233	8.1	12.9	1247	7.9
2/22/2001	11:32	31,490	10,775,500	27.0	38,880	850,230	<1.4	12	<1.0	<0.50	<17.4	710	85	<6.2	3.4	969	8.4	4.2	1468	7.2
3/7/2001	7:15	18,463	11,288,860	27.8	40,039	513,360	Not Analyzed	→	→	→	Not Analyzed	→	→	→	Not Measured			Not Measured		
3/29/2001	10:30	31,875	12,129,640	26.4	37,983	1,354,140	<0.70	13	0.49	<0.25	0.39	700	83.58	1.8	11.5	1106	7.5	12.7	1113	6.7
4/24/2001	13:05	37,595	13,089,270	25.5	36,757	959,630	NA	15	0.65	<0.25	NA	570	65	<2.5	15.9	1122	7.5	15.1	1740	7.0
5/25/2001	13:00	44,635	14,189,820	24.7	35,506	1,100,550	<0.70	14	0.75	<0.25	<14.0	750	93	<5.0	15.9	1207	8.3	13.9	1249	7.4
6/11/2001	15:20	24,620	14,776,610	23.8	34,321	586,790	<0.70	16	0.65	<0.25	<7.0	630	66	<2.5	21.8	1174	8.1	19.8	1208	6.9
7/10/2001	15:20	41,760	15,623,990	20.3	29,220	847,380	NA	16	0.75	<0.25	NA	590	64	<2.5	NM	NM	NM	NM	NM	NM
8/7/2001	13:25	40,205	16,367,370	18.5	26,625	743,380	<2.18	17	0.85	<0.46	<21.8	770	91	<4.6	NM	1015	7.9	NM	936	7.1
9/11/2001	12:20	50,335	17,338,600	19.3	27,785	971,230	<0.7	21	0.45	<0.25	<7.0	870	77	<2.5	13.2	940	8.1	12.9	924	6.9
10/2/2001	14:41	30,381	18,085,720	24.6	35,412	747,120	<0.7	20	0.80	<0.25	<7.0	730	65	<2.5	17.6	1181	NM	16.3	1240	NM
11/6/2001	12:40	50,279	19,215,590	22.5	32,360	1,129,870	<0.7	17	0.66	<0.25	<7.0	740	72	<2.5	13.1	1130	7.94	12.1	545	7.02
12/4/2001	13:10	40,350	20,128,230	22.6	32,570	912,640	<0.7	16	0.61	<0.25	<7.0	730	65	<2.5	12.6	894	7.8	12.2	916	7.0
1/8/2002	12:30	50,360	21,388,270	25.0	36,030	1,260,040	<0.7	10	<0.50	<0.25	<7.0	590	44	<2.5	11.1	855	8.0	11.9	880	7.0
2/5/2002	13:10	40,360	22,193,840	20.0	28,742	805,570	<0.7	8.7	<0.50	<0.25	<7.0	720	53	<2.5	11.1	820	8.0	11.7	869	7.1
3/5/2002	13:55	40,365	23,111,090	22.7	32,722	917,250	<0.7	14	0.25	<0.25	<7.0	720	53	<2.5	11.2	889	7.8	11.4	549	7.0
4/16/2002	7:20	60,085	24,432,700	22.0	31,674	1,321,610	<0.7	2.1	<0.25	<0.25	<34	790	56	<12	14.2	586	NM	14.2	590	NM
5/1/2002	8:55	21,695	24,718,930	13.2	18,998	286,230	<2.18	11	0.42	<0.46	<21.8	780	65	<4.6	12.2	917	8.1	11.7	915	7.1

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
6/18/2002	14:33	69,458	25,163,210	6.4	9,211	444,280	<0.7	15	0.44	<0.25	<14	840	63	<5.0	13.6	907	8.1	13.2	813	7.1
7/1/2002	13:58	18,685	25,380,920	11.7	16,778	217,710	<0.7	15	0.50	<0.25	<7.0	710	54	2.9	NM	NM	NM	NM	NM	NM
8/6/2002	14:05	51,847	26,340,380	18.5	26,648	959,460	<0.7	14	<0.25	<0.25	1.7	680	44	<2.5	15.7	1078	7.4	14.5	982	6.5
9/10/2002	11:10	50,225	27,248,940	18.1	26,049	908,560	<0.7	12	<0.25	<0.25	<14	780	51	<5.0	13.7	605	8.1	12.9	991	7.1
10/1/2002	11:21	30,251	27,853,510	20.0	28,779	604,570	<0.7	15	<0.25	<0.25	<7.0	700	43	<2.5	13.4	907	8.2	13.8	927	7.1
11/5/2002	12:55	50,494	29,062,610	23.9	34,481	1,209,100	<0.7	1.8	<0.25	<0.25	<11.2	560	29	<4.0	11.4	853	7.2	11.5	742	6.6
12/9/2002	15:55	49,140	29,363,610	6.1	8,821	301,000	<0.7	4.0	<0.25	<0.25	<7.0	700	32	<2.5	11.3	680	NM	11.5	873	NM
1/7/2003	14:30	41,675	*Meter not working		0		<1.2	16	<0.50	<0.50	<7.0	630	30	<2.5	11.6	889	8.0	11.6	770	7.3
1/10/2003	12:10	45,855	29,718,380	7.7	11,141	354,770														
2/4/2003	13:30	36,080	30,604,840	24.6	35,380	886,460	<1.2	7.0	<0.75	<0.50	<12.0	430	23	<5.0	10.9	704	8.1	11.2	808	7.1
3/5/2003	15:08	41,858	31,668,180	25.4	36,581	1,063,340	<1.2	7.0	<0.75	<0.50	<12.0	430	23	<5.0	10.9	704	8.1	11.2	808	7.1
4/8/2003	13:03	48,835	32,944,070	26.1	37,622	1,275,890	<1.5	<0.25	<0.50	<0.50	<12.0	390	22	<4.0	NM	NM	8.0	NM	NM	6.8
5/6/2003	13:20	40,337	33,904,290	23.8	34,279	960,220	<1.5	15	<0.75	<0.50	<15.0	520	26	<5.0	NM	NM	7.2	NM	NM	6.9
6/3/2003	12:15	40,255	34,921,170	25.3	36,376	1,016,880	<1.5	16	<0.50	<0.50	<24.0	640	34	<8.0	NM	NM	7.7	NM	NM	6.8
7/1/2003	15:30	40,515	35,543,965	15.4	22,136	622,795														
7/10/2003	16:13	13,003	35,549,040	0.4	562	5,075														
7/15/2003	16:16	7,203	35,712,940	22.8	32,766	168,975														
8/5/2003	13:30	30,074	36,478,010	25.4	36,633	765,070	<1.5	20	<0.50	<0.25	<15.0	690	32	4.6	13.4	1152	8.3	12.7	1140	7.3
9/2/2003	14:20	40,370	37,507,200	25.5	36,711	1,029,190	<1.5	13	<0.50	<0.25	<15.0	480	24	2.8	13.3	1023	8.5	12.6	1120	7.4
9/25/2003	12:50	33,030	38,242,480	22.3	32,056	735,280														
10/8/2003	13:05	18,735	38,779,480	28.7	41,275	537,000														
10/28/2003	13:05	28,800	38,781,500	0*	#VALUE!	539,020	<1.4	19	<0.50	<0.20	<14.0	740	30	4.3	NM	NM	7.3	NM	NM	7.0
11/19/2003	12:15	31,630	38,782,240	0*	#VALUE!	740	<1.4	17	<0.50	<0.20	<14.0	800	28	6.6	12.3	659	7.5	12.4	898	6.6
12/3/2003	14:05	20,270	38,782,550	0*	#VALUE!	310	*Water meter malfunctioning.													
12/9/2003	9:03	8,338	38,998,420	25.9	37,281	216,180	<1.4	16	<0.50	<0.20	<14.0	600	28	4.7	11.3	691	6.9	11.5	542	6.5
1/5/2004	12:59	39,116	40,025,690	26.3	37,817	1,027,270	<1.4	12	<0.50	<0.20	<22.4	480	22	3.5	10.5	1030	8.2	11.3	756	7.3
2/3/2004	12:35	41,736	41,036,070	24.2	34,861	1,010,380	<1.4	7.3	<0.50	<0.20	<14.0	420	17	2.8	10.8	1129	8.3	11.3	1113	7.2
3/1/2004	13:50	38,955	42,007,170	24.9	35,897	971,100	<1.4	13	<0.50	<0.20	<14.0	430	16	3.1	11.6	667	8.3	11.6	995	7.1
4/6/2004	12:20	51,750	43,293,700	24.9	35,799	1,286,530	<1.4	20	<0.50	<0.20	<14.0	760	28	4.8	12.4	566	8.1	12.3	1173	7.1
5/4/2004	13:50	40,410	44,287,040	24.6	35,397	993,340	<1.4	19	<0.50	<0.20	<14.0	660	24	3.1	12.7	758	8.3	12.4	1237	7.2
6/1/2004	13:15	40,285	45,270,720	24.4	35,162	983,680	<1.4	21	<0.50	<0.20	<16.0	850	29	6.3	12.4	1150	8.1	11.9	1242	6.9
6/15/2004	13:05	20,150	45,797,474	26.1	37,644	526,754	* Shut system off at 13:05. Water backing up into air stripper due to obstruction in underground PVC discharge line. Replaced 10-foot section of discharge line on September 21, 2004. Obstruction in discharge line was build-up of calcium carbonate scale in low spot of discharge line. Re-start system at 11:20.*													
9/21/2004	11:20	141,015	45,797,474	0.0	0	0														
9/24/2004	12:25	4,385	45,912,590	26.3	37,803	641,870	<1.4	18	<0.50	<0.20	<14.0	540	26	3.8	12.9	1209	8.3	12.9	644	7.2
10/5/2004	13:59	15,934	46,324,740	25.9	37,247	412,150	<1.4	14	<0.50	<0.20	<14.0	490	22	3.3	12.1	572	8.3	12.9	1098	7.3
11/2/2004	14:10	40,331	47,368,090	25.9	37,252	1,043,350	<1.4	14	<0.50	<0.20	<14.0	490	23	4.3	11.6	1154	8.3	11.7	1142	7.1
12/7/2004	13:53	50,383	48,656,500	25.6	36,824	1,288,410	<1.4	14	<0.50	<0.20	<14.0	470	19	3.8	11.5	734	8.1	11.7	681	7.0
1/11/2005	12:40	50,327	49,935,030	25.4	36,582	1,278,530	<1.4	11	<0.50	<0.20	<14.0	480	16	2.3	11.1	538	NM	11.4	750	NM

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
2/1/2005	13:50	30,310	50,702,680	25.3	36,470	767,650	<1.4	12	<0.50	<0.20	<14.0	440	16	<2.0	11.2	541	8.2	11.1	1101	7.2
3/3/2005	13:37	43,187	51,677,870	22.6	32,516	975,190	<1.4	16	<0.50	<0.20	<14.0	650	22	<2.0	10.9	730	8.1	11.3	1226	7.1
4/5/2005	14:26	47,569	52,856,700	24.8	35,685	1,178,830	<1.4	14	<0.50	<0.20	<14.0	520	16	3.6	13.1	830	8.3	12.9	758	7.0
4/13/2005	12:00	11,374	53,140,800	25.0	35,968	284,100	*System shut down; high water level in air stripper sump. De-scale air stripper trays. Pump switch in control panel does not													
5/31/2005	12:00	69,120	53,140,800	0.0	0	0	operate in the "Auto" position. Ordered new switch for control panel and had switch installed by Pentair Water electrician.													
6/30/2005	12:00	43,200	53,140,800	0.0	0	0	Float switch in air stripper sump also had to be replaced.													
6/30/2005	16:00	240	53,140,800	0.0	0	0	*Re-start system after installing new pump switch in control panel.													
7/5/2005	12:56	7,016	53,323,510	26.0	37,500	182,710	<1.4	4.2	<0.50	<0.20	<14.0	610	17	<2.0	13.4	592	8.3	13.3	1228	7.1
7/8/2005	12:00	4,264			0	*System off when personnel arrived to collect monthly effluent sample on August 2. Replaced fuse in control panel and re-started system. Based on average flow rate of 25 gpm, system likely shut down on July 8.														
8/2/2005	13:40	40,364	53,423,670	2.5	3,573	100,160	<1.4	5.4	<0.50	<0.20	<14.0	850	30	<2.0	NM	812	8.4	NM	851	7.2
8/15/2005	1:00	17,960	53,796,070	20.7	29,858	472,560	*System shut down; alarm condition 2 exists (high water level in air stripper sump). Air stripper trays de-scaled on September 9 prior to collecting monthly samples. August 15 meter reading is an estimated value.													
9/9/2005	13:42	36,762	53,796,080	0.0	0	10														
9/9/2005	13:55	13	53,796,460	29.2	42,092	380	<1.4	5.9	<0.50	<0.20	<22.4	700	24	<3.2	15.0	1221	8.4	13.6	732	7.1
10/4/2005	13:58	36,003	54,724,630	25.8	37,124	928,170	<1.4	3.0	<0.50	<0.20	<14.0	440	16	2.3	13.7	1158	8.1	13.0	1148	7.0
11/1/2005	13:26	40,288	55,142,120	10.4	14,922	417,490	*System shut down sometime prior to November 1. Blower pressure gauge not working, float switch malfunction.													
2/14/2006	12:30	151,144	55,142,120	0.0	0	0	* Replaced float valve on 2/10/2006. Re-start system at 12:30 on 2/14/2006.													
2/14/2006	13:13	43	55,143,740	37.7	54,251	1,620	<1.4	6.1	<0.50	<0.20	<14.0	700	23	<2.0	12.1	584	8.2	11.9	1304	7.4
3/3/2006	13:09	24,476	55,805,470	27.0	38,932	661,730	<1.4	3.2	<0.50	<0.20	<14.0	510	17	<2.0	11.3	542	8.5	11.4	868	7.2
4/4/2006	12:26	46,037	56,998,320	25.9	37,311	1,192,850	<1.4	3.2	<0.50	<0.20	<14.0	500	16	5.8	12.0	689	8.4	11.9	805	7.2
4/17/2006					0		*System automatically shut down due to thunder storm. System not re-started because air stripper trays required cleaning.													
4/21/2006				0.0	0		*Cleaned air stripper trays and re-started system.													
5/9/2006	13:26	50,460	57,967,060	19.2	27,645	968,740	<1.4	23	<0.50	<0.20	<14.0	600	14	4.3	12.7	1178	8.3	12.5	602	7.1
5/18/2006					0		*Pump in extraction well not operating. Pump switch in control panel needs to be replaced.													
5/23/2006	12:00	7,920		0.0	0		*Install new pump switch in control panel and electricl outlet for mixer for AquaMag solution chemical tank. Start using AquaMag solution again to control scale build-up on air stripper trays.													
6/6/2006	12:30	40,264	58,742,790	24.0	34,537	775,730	<1.4	25	<0.50	<0.20	<14.0	610	16	3.4	12.9	1216	8.3	12.6	973	7.1
6/18/2006					0		*System shut down sometime after 6/6/2006. Check of control panel circuits on 8/11/2006 found faulity circuit breaker.													
8/14/2006	14:10	82,930			0		*Replaced Ck203 in control panel and re-start sysem.													
8/15/2006	12:30	100,800	59,231,400	27.3	39,373	488,610	<1.4	20	<0.50	<0.20	<14.0	660	24	2.3	13.9	610	8.4	13.5	855	7.1
9/9/2006					0		*System automatically shut down on 9/9/2006.													
9/14/2006	16:00	8,160		0.0	0		*Checked system on 9/14/2006; removed obstruction in blower filter and re-started system at 16:00.													
9/19/2006	13:21	50,451	60,038,930	19.1	27,496	807,530	<1.4	21	<0.50	<0.20	<14.0	750	27.38	6.3	12.4	1058	8.2	12.5	1130	7.1
10/3/2006	13:30	20,169	60,593,860	27.5	39,620	554,930	<1.4	20	<0.50	<0.20	<14.0	530	18	3.5	13.4	780	8.4	12.6	853	7.2
11/3/2006	10:47	44,477	61,806,240	27.3	39,252	1,212,380	<1.4	15	<0.50	<0.20	<14.0	530	17	<2.0	11.6	574	8.2	11.8	993	7.0
12/5/2006	12:53	46,206	63,040,750	26.7	38,473	1,234,510	<1.4	13	<0.50	<0.20	<14.0	510	18	2.2	11.3	734	8.2	11.1	748	6.8
1/8/2007	14:15	49,042	64,336,700	26.4	38,052	1,295,950	<1.4	16	<0.50	<0.20	<14.0	480	15	2.0	11.4	885	8.0	11.7	574	6.6

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
2/6/2007	13:10	41,695	65,427,630	26.2	37,677	1,090,930	<1.4	11	<0.50	<0.20	<14.0	430	15	<2.0	10.9	530	8.1	11.3	555	6.9
3/6/2007	13:00	40,310	Meter not working		0		<1.4	11	<0.50	<0.20	<11.2	390	12	<1.6	11.0	544	7.8	11.1	854	6.3
3/16/2007	13:15	54,725	66,439,464	18.5	26,625	1,433,795	*Meter fixed by shutting down pump for several seconds and then re-starting it.													
4/5/2007	15:15	28,920	67,185,493	25.8	37,147	746,029	<1.4	17	<0.50	<0.20	<14.0	590	20	2.7	12.1	500	7.3	12.3	600	6.3
5/4/2007	12:26	41,591	68,260,164	25.8	37,208	1,074,671	<1.4	15	<0.75	<0.20	<1.4	43	1.3	<0.20	12.4	530	8.0	11.9	550	7.1
6/8/2007	10:40	50,294	69,532,786	25.3	36,437	1,272,622	<1.4	12	<0.50	<0.20	<14.0	410	14	<2.0	15.0	680	8.0	12.9	1100	7.3
7/12/2007	16:30	49,310	70,758,251	24.9	35,787	1,225,465	<1.4	11	<0.50	<0.20	<14.0	320	11	<2.0	14.9	520	8.1	15.4	560	7.2
8/10/2007	7:53	41,243	71,795,590	25.2	36,219	1,037,339	<1.4	13	<0.50	<0.20	<1.4	78	3.2	0.54	13.8	1097	7.0	12.0	1096	7.2
9/10/2007	12:00	44,887	72,931,898	25.3	36,453	1,136,308	*System shut down due to power outage.													
9/14/2007	13:10	5,830	72,931,898	0.0	0	1,136,308	*System re-started by GeoTrans personnel at 13:10.													
9/14/2007	14:00	50	72,933,141	24.9	35,798	1,137,551	<1.4	14	<0.50	<0.20	<7.0	500	20	<1.0	12.6	610	7.9	12.9	600	7.2
10/12/2007	15:50	40,430	73,936,118	24.8	35,723	1,002,977	<1.4	9.6	<0.50	<0.20	<14.0	340	12	<2.0	12.8	1125	6.9	12.4	1121	6.8
11/9/2007	9:50	39,960	74,908,049	24.3	35,025	971,931	<1.4	9.6	<0.50	<0.20	<7.0	360	14	<1.0	11.3	1027	8.3	11.3	1047	7.6
12/14/2007	9:55	50,405	76,141,699	24.5	35,244	1,233,650	<1.4	9.1	<0.50	<0.20	11.2	400	13	<1.6	11.1	1556	7.2	9.9	1590	6.8
12/23/2007	11:21	13,046	76,458,712	24.3	34,991	317,013	*Automatic shut down of system due to Alarm Condition 3; low blower pressure.													
12/28/2007	11:32	7,211	76,458,712	0.0	0	317,013	*Re-start system after removing dead bird from blower motor air filter housing and installing new air filter.													
12/28/2007	11:43	11	76,458,966	23.1	33,251	317,267														
1/10/2008	9:30	38,855	76,911,139	19.8	28,516	769,440	<1.4	9.3	<0.50	<0.20	<14.0	460	15	<2.0	11.7	1060	7.7	12.9	550	7.3
1/18/2008	14:00	30,377	77,196,961	24.3	34,984	1,055,262														
1/29/2008	19:38	16,178	77,586,885	24.1	34,707	1,128,173	*Automatic shut down of system due to Alarm Condition 3; low blower pressure.													
1/31/2008	9:34	2,276	77,586,885	0.0	0	1,127,919	*Re-start system after clearing ice build up on air stripper exhaust pipe and cleaning blower air filter.													
1/31/2008	9:41	7	77,587,071	26.6	38,263	1,128,105														
1/31/2008	10:12	31	77,587,834	24.6	35,443	1,128,868														
2/15/2008	10:18	40,098	78,112,699	22.8	32,886	915,738	<1.4	7.9	<0.50	<1.6	<11.2	390	13	<1.6	11.2	1051	8.0	11.2	1053	7.3
2/22/2008	13:46	10,288	78,361,834	24.2	34,871	1,164,873														
3/7/2008	14:41	20,215	78,848,298	24.1	34,653	735,599	*Installed new air flow meter on air stripper blower motor.													
3/14/2008	13:50	40,532	79,089,140	24.1	34,690	976,441	<1.4	9.4	<0.50	<1.6	<14	430	14	<2.0	13.8	1253	7.0	12.7	1292	7.0
3/28/2008	14:25	20,195	79,567,684	23.7	34,122	1,205,850														
4/17/2008	16:00	28,895	80,245,393	23.5	33,774	1,156,253	*System automatically shut down due to high water level in air stripper sump alarm condition.													
4/22/2008	11:08	6,908	80,245,393	0.0	0	1,156,253	*System re-started by GeoTrans personnel at 11:08.													
4/22/2008	11:29	21	80,245,887	23.5	33,874	1,156,747														
5/6/2008	12:40	20,231	80,732,090	24.0	34,607	486,697														
5/19/2008	6:00	18,320	81,171,625	24.0	34,549	926,232	*Pump in extraction well stopped operating sometime on 5/19/2008.													
5/21/2008	14:30	3,390	81,171,625	0.0	0	926,232	*Could not get pump in extraction well to start. Schedule an electrician to check system components.													
5/23/2008	9:00	2,550	81,171,625	0.0	0	926,232	*Electrician found breakers in pump controll box were tripped. Pushed two red re-set buttons on box and pump in extraction													
5/23/2008	9:50	50	81,171,625	0.0	0		*was able to be re-started, but pump shut down after operating for 5 minutes. Pushed re-set buttons and re-started pumps.													
5/23/2008	10:43	53	81,172,530	17.1	24,589		*Pump was drawing approx. 35 amps. Pump motor is mostl likely starting to fail. Pump shut down after 15 minutes.													
5/23/2008	11:20	37	81,173,424	24.2	34,794		Re-started pump at 10:25. Pump was still operating after one hour of operation. Leave site at 11:35 with system operating													
5/24/2008	20:20	1,980	81,221,083	24.1	34,661		*Pump in extraction well not operating when system checked on 5/29/2008. Based on previous pumping rate, pump													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
5/29/2008	20:20	7,200	81,221,083	0.0	0	488,993	stopped operating sometime on 5/24/2008. Could not re-start pump on 5/29/2008. New pump needs to be installed.													
6/11/2008	10:45	18,145	81,221,083	0.0	0	488,993	*Installed new 4-inch, 2-wire, Sta-Rite Signature 2000 Series 30 gpm pump, pump wiring and 1.25-inch diameter PVC													
6/11/2008	11:05	20	81,221,083	0.0	0	488,993	discharge pipe in extraction well. Re-start pumping from extraction well at 11:05. Collect influent and effluent samples for													
6/11/2008	11:28	23	81,221,754	29.2	42,010	489,664	WPDES permit.													
6/11/2008	12:00	32	81,222,678	28.9	41,580	490,588	<1.4	17	<0.50	<0.20	<17	550	21	<2.0	15.3	1216	8.1	13.7	1242	7.0
6/11/2008	13:15	75	81,224,676	26.6	38,362	3,593														
6/11/2008	13:32	17	81,225,126	26.5	38,118	4,043														
6/12/2008	19:55	1,823	81,272,510	26.0	37,429	51,427	*System automatically shut down due to high water level in air stripper sump alarm condition. Cause of alarm condition													
6/13/2008	10:12	857	81,272,510	0.0	0	51,427	most likely from high water level in storm sewer due to heavy thunderstorms. System re-started by GeoTrans personnel													
6/13/2008	10:56	44	81,273,682	26.6	38,356	52,599	at 10:12.													
7/1/2008	13:13	26,057	81,961,999	26.4	38,039	740,916	*Check system and re-fill AquaMag solution 35-gallon chemical tank.													
7/1/2008	13:45	32	81,962,844	26.4	38,025	741,761														
7/1/2008	13:48	3	81,962,924	26.7	38,400	741,841														
7/8/2008	2:00	9,372	82,204,667	25.8	37,144	983,584	*System automatically shut down due to high blower pressure in air stripper alarm condition.													
7/22/2008	15:35	20,975	82,204,667	0.0	0	983,584	*Re-start system and re-fill AquaMag solution 35-gallon chemical tank.													
8/5/2008	16:10	20,195	82,738,908	26.5	38,094	1,517,825	*Check system and re-fill AquaMag solution 35-gallon chemical tank.													
8/12/2008	14:06	9,956	82,994,300	25.7	36,939	789,633	*Check system and re-fill AquaMag solution 35-gallon chemical tank.													
8/25/2008	7:30	18,324	83,464,349	25.7	36,939	1,259,682	*System automatically shut down due to high blower pressure in air stripper alarm condition.													
8/25/2008	10:35	185	83,469,094	25.7	36,939	1,264,427	*Re-start system and re-fill AquaMag solution 35-gallon chemical tank.													
9/30/2008	17:59	52,284	84,580,466	21.3	30,609	1,111,372														
9/30/2008	18:02	3	84,580,555	29.7	42,720	1,111,461	<1.7	14	<0.50	<0.20	<1.7	400	17	<0.20	12.3	971.0	7.6	12.5	955.0	6.8
10/7/2008	13:54	9,832	84,861,202	28.5	41,104	280,647	*Check system. Chemical pump for AquaMag solution needed to be primed as it wasn't pumping solution.													
10/13/2008	13:00	8,586	85,105,948	28.5	41,048	525,393	*System shut down due to power outage.													
10/14/2008	15:36	1,596	85,105,948	0.0	0	525,393	*System re-started by GeoTrans personnel at 15:36.													
10/14/2008	15:53	17	85,106,438	28.8	41,506	525,883														
10/14/2008	16:03	10	85,106,727	28.9	41,544	526,172														
10/21/2008	15:02	10,019	85,396,242	28.9	41,611	815,687														
11/11/2008	14:16	30,194	86,253,858	28.4	40,901	857,616	*Check system and re-fill AquaMag solution 35-gallon chemical tank.													
11/18/2008	14:21	10,085	86,536,601	28.0	40,372	1,140,359	*Check system and re-fill AquaMag solution 35-gallon chemical tank.													
12/5/2008	10:12	24,231	87,216,496	28.1	40,405	962,638	<1.7	10	<0.50	<0.20	<6.8	330	15	<2.0	10.9	1150	7.2	10.9	1180	6.3
12/30/2008	14:43	36,271	87,283,200	1.8	2,648	66,704	*Flow meter was not operating upon arrival. Turned off pump at 14:43 to back-flush water through meter.													
12/30/2008	14:44	1	87,283,200	0.0	0	1,019,215	*Meter began operating after system was re-started at 14:44.													
12/30/2008	14:45	1	87,283,228	28.0	40,320	1,019,243	*Based on 28.1 gpm flow rate, 1,019,215 was pumped between 12/5/2008 and 12/30/2008.													
12/30/2008	14:55	10	87,283,515	28.7	41,328	1,019,530	*Re-filled AquaMag solution tank.													
1/6/2009	16:15	10,160	87,355,248	7.1	10,167	274,293	*Flow meter was not operating upon arrival. Turned off pump at 16:14 to back-flush water through meter in order to get meter to work.													
1/6/2009	16:20	5	87,355,383	27.0	38,880	274,428	*Meter began operating after pump was re-started at 16:15. Based on 27 gpm flow rate, 274,293 gallons was pumped between 12/302008 and 1/6/2009.													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
1/13/2009	9:39	9,679	87,423,489	7.0	10,133	547,375	*Flow meter was not operating upon arrival. Turned off pump at 9:38 to back-flush water through meter in order to get meter to work. Re-started pump at 9:39.													
1/13/2009	10:05	26	87,424,222	28.2	40,597	548,108	*Meter began operating after pump was re-started. Based on 28.2 gpm flow rate, 272,947 gallons was pumped between 1/6/2009 and 1/13/2009.													
1/27/2009	15:42	20,497	87,489,126	3.2	4,560	1,128,173	*Flow meter was not operating upon arrival. Turned off pump at 15:40 to back-flush water through meter in order to get meter to work. Re-started pump at 15:42.													
1/27/2009	15:54	12	87,489,465	28.3	40,680	1,128,512	*Meter began operating after pump was re-started. Based on 28.3 gpm flow rate, 580,065 gallons was pumped between 1/13/2009 and 1/27/2009.													
2/4/2009	14:50	11,456	87,813,655	28.3	40,750	324,190	*Check system and re-filled AquaMag solution tank.													
2/17/2009	12:28	18,578	88,334,751	28.0	40,391	845,286	*Check system and re-filled AquaMag solution tank.													
3/5/2009	13:30	23,102	88,978,513	27.9	40,127	1,164,858	<1.7	12	<0.50	<0.20	<6.8	320	11	<2.0	12.6	1068	8.0	12.0	1151	7.0
3/29/2009	13:55	34,585	89,946,880	28.0	40,319	1,612,129	*System was off when it was checked on 4/9/2009. Based on flow rate of 28 gpm, system shut down at 13:55 on 3/29/2009.													
4/9/2009	13:14	15,799	89,946,880	0.0	0	2,457,415	*System must have experienced a power outage on 3/29/2009 as system was able to be re-started on 4/9/2009.													
4/9/2009	13:43	29	89,947,689	27.9	40,171	2,458,224	*Re-filled AquaMag solution tank.													
4/29/2009	15:39	28,916	90,758,034	28.0	40,355	811,154	*Check system and re-filled AquaMag solution tank.													
5/15/2009	14:39	22,980	91,402,053	28.0	40,356	644,019	*Check system and re-filled AquaMag solution tank.													
5/20/2009	14:25	7,186	91,602,975	28.0	40,263	844,941	*Water meter was not operating when arrived on site on 6/11/2009. Based on flow rate of 28 gpm, water meter stopped operating on 05/20/09 and 1,088,864 gallons was pumped between 5/15/2009 and 6/11/2009.													
6/11/2009	14:47	31,702	91,602,975	0.0	0	1,289,786	Turned off pump for several seconds. Meter began operating after pump was re-started. Collected quarterly influent and effluent samples.													
6/11/2009	14:59	12	91,603,311	28.0	40,320	1,290,122	<1.7	15	<0.50	<0.20	<8.5	330	11	<2.5	13.4	1141	8.25	11.6	1165	7.34
6/11/2009	15:09	10	91,603,593	28.2	40,608	1,290,404														
6/30/2009	14:40	27,331	92,363,158	27.8	40,020	1,849,047	*Checked system and re-filled AquaMag solution tank.													
7/14/2009	13:27	20,087	92,919,995	27.7	39,919	1,316,402	*Checked system and re-filled AquaMag solution tank.													
7/21/2009	12:57	10,050	93,195,275	27.4	39,443	832,117	*Checked system and re-filled AquaMag solution tank.													
9/15/2009	15:00	80,763	95,425,708	27.6	39,769	1,252,857														
9/15/2009	15:10	10	95,425,984	27.6	39,744	1,252,995	<1.7	13	<0.50	<0.20	<8.5	260	11	<1.0	14.0	550	8.06	16.1	580	7.15
10/16/2009	15:16	44,646	96,587,301	26.0	37,457	1,161,317	*Checked system and re-filled AquaMag solution tank.													
10/16/2009	15:20	4	96,587,405	26.0	37,440	1,161,421														
11/18/2009	14:33	47,473	97,883,783	27.3	39,323	1,296,378	*Checked system and re-filled AquaMag solution tank.													
11/18/2009	14:37	4	97,883,893	27.5	39,600	1,296,488														
12/22/2009	12:34	48,837	99,198,582	26.9	38,765	1,314,689	*Checked system and re-filled AquaMag solution tank.													
12/22/2009	12:50	16	99,199,016	27.1	39,060	1,315,123	<1.7	6.5	<0.50	<0.20	<8.5	280	12	2.2	10.7	1024	7.70	10.6	1032	6.46
1/19/2010	15:01	40,451	100,284,128	26.8	38,628	1,085,112	*Checked system and re-filled AquaMag solution tank.													
2/16/2010	15:43	40,362	101,358,823	26.6	38,342	1,074,695	*Checked system and re-filled AquaMag solution tank.													
3/2/2010	15:45	20,162	101,891,056	26.4	38,013	532,233	<1.7	9.3	<0.50	<0.20	<8.5	240	8.4	1.5	12.8	1140	8.30	11.1	1160	7.58
5/13/2010	10:45	103,380	104,612,600	26.3	37,909	1,137,267	<1.7	10	<0.50	<0.20	<6.8	280	8.4	<0.80	13.0	1110	8.53	13.3	1140	7.69
7/13/2010	15:21	88,116	106,744,159	24.2	34,834	1,065,780	*Checked system and re-filled AquaMag solution tank.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
7/13/2010	15:29	8	106,744,369	26.3	37,800	1,065,885														
8/3/2010	0:05	29,316	107,513,978	26.3	37,803	1,171,897	*Checked system; water meter was not recording flow. Based on pumping rate from 7/13/2010, meter stopped recording													
8/3/2010	15:40	935	107,513,978		0	0	*flow on 8/3/2010 about 0:05. Turn off pump at 15:40. Re-fill AquaMag solution tank and replace air stripper blower motor													
8/3/2010	16:05	25	107,513,978	0.0	0	0	*air filter. Re-start system at 16:05 and the water meter began recording flow again.													
8/3/2010	16:30	25	107,514,625	25.9	37,267	1,155,283	*Based on estimated time when meter stopped operating, 24,544 gallons was pumped between 0:05 and 15:40.													
8/24/2010	11:05	29,915	108,300,567	26.3	37,832	1,172,805	*Checked system and re-filled AquaMag solution tank.													
9/14/2010	13:34	30,389	109,102,066	26.4	37,979	1,139,385	<1.7	8.1	<0.50	<0.20	<6.8	280	10	<0.80	14.2	1028	7.05	13.9	1041	6.32
11/2/2010	13:46	70,572	110,925,740	25.8	37,212	1,116,345	*Took delivery of AquaMag solution. Re-filled AquaMag solution tank and measured system pumping rate.													
11/2/2010	13:52	6	110,925,896	25.9	37,320	1,119,600	*Checked system and re-filled AquaMag solution tank.													
12/14/2010	11:35	60,343	112,490,077	25.9	37,327	1,157,136	<1.7	5.8	<0.50	<0.20	<8.5	270	9.5	<1.0	8.1	1080	8.10	8.5	1160	8.05
12/21/2010	15:18	10,303	112,754,580	25.7	36,968	1,146,017	*Checked system and re-filled AquaMag solution tank.													
1/12/2011	14:41	31,643	113,568,392	25.7	37,035	1,148,076	*Checked system and re-filled AquaMag solution tank.													
3/8/2011	14:40	79,199	115,556,814	25.1	36,154	1,120,761	<1.7	6.3	<0.50	<0.20	<6.8	260	<2.0	<0.80	11.3	1110	7.79	11.8	1320	7.14
4/5/2011	15:51	40,391	116,563,364	24.9	35,885	1,076,551	*Checked system and re-filled AquaMag solution tank.													
5/12/2011	14:48	53,217	117,881,395	24.8	35,665	1,105,604	*Checked system and re-filled AquaMag solution tank.													
6/7/2011	15:47	37,499	118,824,863	25.2	36,230	1,086,904	<1.7	8.9	<0.50	<0.20	<6.8	270	8.7	<0.80	14.7	360	8.53	14.6	200	7.68
6/23/2011	14:50	22,983	119,407,548	25.4	36,508	1,131,752	*Checked system and re-filled AquaMag solution tank.													
7/5/2011	16:07	17,357	119,833,957	24.6	35,376	1,096,670	*Checked system and re-filled AquaMag solution tank.													
7/11/2011	11:30	8,363	120,043,359	25.0	36,056	1,117,745	*System shut down due to power outage caused by a thunderstorm.													
7/11/2011	14:13	163	120,043,359	0.0	0	0	*Re-start system.													
7/11/2011	14:35	22	120,043,873	23.4	33,644	1,042,953	*Installed new air filter on air stripper blower and re-filled AquaMag solution tank.													
7/11/2011	14:42	7	120,044,045	24.6	35,383	1,096,869														
7/14/2011	15:22	4,360	120,151,833	24.7	35,600	1,103,591	*Checked system and re-filled AquaMag solution tank.													
9/20/2011	16:23	97,981	122,553,614	24.5	35,298	1,058,950	<1.7	5.2	<0.50	<0.20	<6.8	230	8.0	<0.80	14.4	1120	7.79	14.1	1130	7.59
10/18/2011	13:16	40,133	123,526,429	24.2	34,905	1,082,064	*Checked system and re-filled AquaMag solution tank.													
10/25/2011	15:38	10,222	123,773,441	24.2	34,797	1,078,714	*Checked system and re-filled AquaMag solution tank.													
12/13/2011	15:48	70,570	125,452,104	23.8	34,254	1,061,861	<1.7	5.2	<0.50	<0.20	<3.4	260	7.6	0.56	11.0	952	8.24	11.0	1046	7.82
12/27/2011	13:30	20,022	125,932,048	24.0	34,518	1,070,058	*Checked system and re-filled AquaMag solution tank.													
3/16/2012	12:30	115,140	128,641,677	23.5	33,888	1,050,528	<1.7	6.9	<0.50	<0.20	<3.4	240	6.1	0.46	15.4	1072	8.20	13.1	1092	7.50
4/17/2012	8:35	45,845	129,704,148	23.2	33,372	1,001,172	*System shut down due to blown fuse caused by plugging transfer pump into outlet inside building.													
4/17/2012	8:51	16	129,704,148	0.0	0	0	*Installed 2 new 5-amp fuses inside control panel and re-start system.													
4/17/2012	9:16	25	129,704,764	24.6	35,482	1,064,448	*Accepted delivery of 55-gallons of AquaMag. Re-filled AquaMag solution tank.													
5/1/2012	14:45	20,489	130,179,641	23.2	33,375	1,001,254	*Checked system and re-filled AquaMag solution tank.													
5/8/2012	4:00	9,435	130,396,553	23.0	33,106	993,174	*Remediation system was shut down upon arrival on 5/10/2012. Based on previous pumping rate, system shut down													
5/10/2012	18:10	3,730	130,396,553	0.0	0	0	*about 4:00 on Tuesday, 5/8/2012. Re-started system at 18:10 on 5/10/2012.													
5/10/2012	18:30	20	130,397,005	22.6	32,544	976,320														
6/12/2012	10:56	47,066	131,456,906	22.5	32,428	972,841	<0.382	4.6	<0.20	<0.10	<0.382	320	8.9	<0.10	13.8	980	7.70	13.5	981	7.20
8/20/2012	23:50	100,134	133,696,649	22.4	32,209	998,483	*Remediation system was shut down upon arrival on 8/21/2012. Based on previous pumping rate, system shut down													
8/21/2012	14:08	858	133,696,649	0.0	0	0	*about 23:50 on Monday, 8/20/2012. Re-started system at 14:08 on 8/21/2012.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
8/21/2012	14:38	30	133,697,300	21.7	31,272	969,432														
8/26/2012	6:40	6,722	133,847,215	22.3	32,115	995,564	*Remediation system was shut down upon arrival on 8/27/2012. Based on previous pumping rate, system shut down													
8/27/2012	16:07	2,007	133,847,215	0.0	0	0	*about 6:40 on Sunday, 8/26/2012. Re-started system at 16:07 on 8/27/2012.													
8/27/2012	16:23	16	133,847,556	21.3	30,690	951,390														
9/11/2012	16:55	21,632	134,324,160	22.0	31,727	951,799	<0.382	4.5	<0.20	<0.10	<0.382	210	7.5	<0.10	16.6	1052	8.35	16.4	1072	7.41
9/18/2012	13:46	9,891	134,539,800	21.8	31,394	941,831	*Checked system and re-filled AquaMag solution tank.													
9/18/2012	14:10	24	134,540,321	21.7	31,260	937,800														
9/25/2012	14:25	10,095	134,761,413	21.9	31,538	946,129	*Remediation system was shut down upon arrival on 10/9/2012. Based on previous pumping rate, system shut down													
9/30/2012	8:00	6,815	134,909,175	21.7	31,222	936,655	*Remediation system was shut down upon arrival on 10/9/2012. Based on previous pumping rate, system shut down													
10/9/2012	10:50	13,130	134,909,175	0.0	0	0	*about 8:00 on Sunday, 9/30/2012. Re-started system at 10:50 on 9/30/2012.													
10/23/2012	14:00	20,350	135,351,126	21.7	31,273	969,470	*Checked system and re-filled AquaMag solution tank.													
10/26/2012	12:35	4,235	135,443,460	21.8	31,396	973,268	*Checked system and re-filled AquaMag solution tank.													
11/20/2012	14:36	36,121	136,223,683	21.6	31,104	933,131	*Checked system, took delivery of AquaMag and re-filled AquaMag solution tank.													
11/29/2012	11:35	12,779	136,498,176	21.5	30,931	927,936	*Turn pump off to discharge purge water through air stripper.													
11/29/2012	13:25	110	136,498,176	0.0	0	0	*Re-start pump.													
11/29/2012	13:50	25	136,498,719	21.7	31,277	938,304														
12/4/2012	15:39	7,309	136,658,144	21.8	31,409	973,694	<0.382	3.3	<0.20	<0.10	<0.382	240	6.0	0.47	12.6	1130	8.18	12.6	1140	7.15
1/15/2013	13:00	60,321	137,967,748	21.7	31,263	969,160	*Checked system and re-filled AquaMag solution tank.													
2/19/2013	15:15	50,535	139,043,220	21.3	30,646	858,079	*Checked system and re-filled AquaMag solution tank.													
3/12/2013	14:00	30,165	139,677,668	21.0	30,287	938,895	<0.382	2.8	<0.20	<0.10	<0.382	290	6.3	0.51	9.4	1056	7.80	9.5	1061	7.57
5/15/2013	12:52	92,092	141,585,353	20.7	29,830	924,717	*Checked system and re-filled AquaMag solution tank.													
5/21/2013	16:08	8,836	141,765,977	20.4	29,436	912,523	*Checked system and re-filled AquaMag solution tank.													
5/28/2013	15:24	10,036	141,971,737	20.5	29,523	915,218	*Checked system and re-filled AquaMag solution tank.													
6/4/2013	13:30	9,966	142,202,858	23.2	33,395	1,001,849	*Turn off system to connect hose to pump purge water from monitor wells through air stripper.													
6/4/2013	14:45	75	142,202,858	0.0	0	0	*Re-start system.													
6/4/2013	14:55	10	142,203,064	20.6	29,664	889,920														
6/10/2013	13:20	8,545	142,350,452	17.2	24,838	745,133	*Turn off system to clean air stripper blower air filter and replace influent line particulate filters.													
6/10/2013	14:30	70	142,350,452	0.0	0	0	*Re-start system.													
6/11/2013	16:10	1,540	142,382,745	21.0	30,196	905,882	<0.382	3.2	<0.20	<0.10	<0.382	290	5.9	<0.10	15.2	1009	8.01	14.0	1040	7.80
7/23/2013	14:01	60,351	143,615,520	20.4	29,415	882,436	*Checked system and re-filled AquaMag solution tank. Install new transfer pump in white 55-gallon Aqua Mag drum.													
8/6/2013	13:19	20,118	144,021,335	20.2	29,047	900,466	*Checked system and re-filled AquaMag solution tank.													
8/20/2013	15:00	20,261	144,432,047	20.3	29,190	904,900	*Checked system and re-filled AquaMag solution tank.													
9/3/2013	14:15	20,115	144,838,373	20.2	29,088	872,646	*Checked system and re-filled AquaMag solution tank.													
9/17/2013	15:10	20,215	145,247,795	20.3	29,165	874,946	<0.382	1.9	<0.20	<0.10	<0.382	190	6.4	<0.10	15.1	980	8.31	12.9	1002	7.71
10/1/2013	13:35	20,065	145,654,563	20.3	29,192	904,965	*Checked system and re-filled AquaMag solution tank. Adjust chemical pump settings.													
10/11/2013	16:00	14,545	145,949,637	20.3	29,213	905,610	*System was off when it was checked on 10/15/2013. Based on flow rate of 20.3 gpm, system shut down at 14:00 on 10/11/2013. System would not re-start when red re-set button on outside of panel pushed.*													
10/16/2013	15:19	7,159	145,949,637	0.0	0	0	*Open control panel and check fuses and pump motor and air stripper blower motor circuit protectors. Blower motor circuit protector was tripped. Push green re-set button on blower motor circuit protector. Re-start system at 15:19.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
10/16/2013	15:58	39	145,950,444	20.7	29,797	923,705	*Re-fill AquaMag solution tank and adjust chemical pump settings.													
10/29/2013	15:20	18,682	146,337,440	20.7	29,829	924,714	*Re-fill AquaMag solution tank and adjust chemical pump settings.													
11/12/2013	10:00	19,840	146,743,824	20.5	29,496	884,868	<0.382	1.7	<0.20	<0.10	<0.382	190	6.5	<0.10	11.0	985	8.05	10.5	993	7.45
12/10/2013	15:47	40,667	147,566,271	20.2	29,122	902,797	*Checked system and re-filled AquaMag solution tank.													
12/24/2013	14:41	20,094	147,967,103	19.9	28,725	890,472	*Checked system and re-filled AquaMag solution tank. Adjust chemical pump settings.													
1/14/2014	15:35	30,294	148,570,781	19.9	28,695	889,555	*Checked system and re-filled AquaMag solution tank.													
2/19/2014	15:47	51,852	149,590,146	19.7	28,309	792,656	*Checked system and re-filled AquaMag solution tank.													
3/4/2014	15:10	18,683	149,952,082	19.4	27,896	864,787	<0.382	1.4	<0.20	<0.10	5.140	190	5.4	<0.10	8.4	1151	7.77	10.3	1039	7.83
4/29/2014	13:40	80,550	151,479,924	19.0	27,313	819,401	*Checked system and re-filled AquaMag solution tank.													
5/13/2014	15:40	20,280	151,851,899	18.3	26,412	818,785	<0.382	1.8	<0.20	<0.10	<0.382	210	6.1	0.14						
5/20/2014	0:00	9,140	152,019,554	18.3	26,414	818,831	*System off upon arrival on 5/27/2014. Based on 18.3 gpm pumping rate, system shut down about 12:00 am on 5/20/2014.													
5/27/2014	11:04	10,744	152,019,554	0.0	0	0	*Re-start system at 11:04.													
5/27/2014	11:16	12	152,019,776	18.5	26,640	825,840	*Re-fill AquaMag solution tank.													
6/3/2014	14:53	10,297	152,218,844	19.3	27,839	863,008	*Checked system and re-filled AquaMag solution tank.													
6/17/2014	14:34	20,141	152,597,258	18.8	27,055	838,707	*Checked system and re-filled AquaMag solution tank.													
6/24/2014	13:59	10,045	152,783,554	18.5	26,706	827,900	*Checked system, re-filled AquaMag solution tank and replaced batteries in autodialer.													
6/24/2014	14:22	23	152,783,977	18.4	26,483	820,988														
7/1/2014	13:33	10,031	152,971,570	18.7	26,930	834,827	*Checked system and re-filled AquaMag solution tank.													
7/6/2014	6:00	6,747	153,098,386	18.8	27,066	839,049	*System off upon arrival on 7/8/2014. Based on 18.7 gpm pumping rate, system shut down about 6:00 am on 7/6/2014.													
7/22/2014	15:45	23,625	153,471,004	15.8	22,712	704,071	*Checked system and re-filled AquaMag solution tank.													
8/19/2014	14:15	40,230	154,191,897	17.9	25,804	799,917	*Checked system and re-filled AquaMag solution tank.													
9/2/2014	15:40	20,245	154,554,516	17.9	25,793	773,778	<0.382	1.3	<0.20	<0.10	<0.382	190	6.6	<0.10	13.7	1011	7.91	11.4	1080	7.10
9/23/2014	14:28	30,168	155,095,645	17.9	25,830	774,886	*Checked system and re-filled AquaMag solution tank.													
10/10/2014	18:00	24,692	155,538,075	17.9	25,802	774,055	*System off when checked on 10/14/2014. Based on 17.9 gpm pumping rate , system shut down about 18:00 on													
10/14/2014	14:35	5,555	155,538,075	0.0	0	0	*10/10/2014. Air stripper blower motor could not be re-started. Motor checked by electrician on 10/21/2014 and													
10/22/2014	10:00	11,245	155,538,075	0.0	0	0	*mechanical contractor on 10/24/2014. The mehcanical contactor determined the blower motor needs to be replaced.													
10/24/2014	9:50	2,870	155,538,075	0.0	0	0	*A new blower motor could not be found that could be connected to the existing fan of the air stripper so a new blower													
1/1/2015	0:00	98,770	155,538,075	0.0	0	0	*motor and fan was ordered by the mechanical contractor.													
1/20/2015	13:00	28,140	155,538,075	0.0	0	0	*New blower motor and fan installed on air stripper.													
1/27/2015	12:30	10,050	155,583,147	4.5	6,458	200,200														
1/27/2015	12:40	10	155,583,343	19.6	28,224	874,944	<0.382	1.9	<0.20	<0.10	<0.382	200	7.9	<0.10	10.5	1032	8.61	11.2	1085	7.85
2/24/2015	13:40	40,380	156,373,455	19.6	28,176	788,938	*Checked system and re-filled AquaMag solution tank.													
3/25/2015	16:10	41,910	157,182,229	19.3	27,789	861,457	*Checked system and re-filled AquaMag solution tank.													
4/21/2015	15:45	38,855	157,921,041	19.0	27,381	821,430	*Checked system and re-filled AquaMag solution tank.													
4/22/2015	9:25	1,060	157,941,218	19.0	27,410	822,308	*System off upon arrival for AquaMag delivery on 4/28/2014. Based on 19 gpm pumping rate , system shut down about													
4/28/2015	8:10	8,565	157,941,218	0.0	0	0	*9:25 on 4/22/2015. Re-start sysetm at 8:10 on 4/28/2014.													
4/28/2015	8:30	20	157,941,590	18.6	26,784	803,520														
5/13/2015	15:50	22,040	158,380,884	19.9	28,702	889,750	<0.382	2.2	<0.20	<0.10	<0.382	180	6.6	<0.10	12.0	1003	8.05	11.1	996	7.39
6/16/2015	14:15	48,865	159,346,034	19.8	28,442	853,259	*Checked system and re-filled AquaMag solution tank.													

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					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
7/7/2015	17:16	30,421	159,939,007	19.5	28,069	870,133	*Checked system and re-filled AquaMag solution tank.													
7/21/2015	16:48	20,132	160,324,360	19.1	27,563	854,468	*Checked system and re-filled AquaMag solution tank.													
8/18/2015	16:07	40,279	161,082,590	18.8	27,107	840,323	*Checked system and re-filled AquaMag solution tank.													
9/1/2015	15:20	20,113	161,459,015	18.7	26,950	808,510	*Checked system and re-filled AquaMag solution tank.													
9/8/2015	13:16	9,956	161,644,406	18.6	26,814	804,429	*Checked system and re-filled AquaMag solution tank.													
9/15/2015	14:02	10,126	161,833,360	18.7	26,871	806,124	*Checked system, re-filled AquaMag solution tank and collected quarterly Influent and Effluent samples.													
9/15/2015	14:26	24	161,833,805	18.5	26,700	801,000	<0.382	1.7	<0.20	<0.10	<0.382	160	6.2	<0.10	15.3	1016	8.43	13.3	1056	7.29
9/22/2015	13:57	10,051	162,021,281	18.7	26,860	805,787	*Checked system and re-filled AquaMag solution tank.													
10/6/2015	13:34	20,137	162,400,590	18.8	27,124	840,858	*Checked system and re-filled AquaMag solution tank.													
10/27/2015	14:52	30,318	162,951,087	18.2	26,147	810,548	*Checked system and re-filled AquaMag solution tank.													
11/11/2015	12:35	21,463	163,350,606	18.6	26,805	804,138	<0.70	1.2	<0.38	<0.20	<0.70	150	5.0	<0.20	11.9	1007	7.73	11.0	994	7.03
12/8/2015	13:46	38,951	164,069,469	18.5	26,576	823,857	*Checked system and re-filled AquaMag solution tank.													
12/22/2015	14:16	20,190	164,438,403	18.3	26,313	815,711	*Checked system and re-filled AquaMag solution tank.													
1/6/2016	11:00	21,404	164,538,563	4.7	6,738	208,893	*Checked system and re-filled AquaMag solution tank. Flow meter not registering flow upon arrival at 10:30.													
1/6/2016	11:05	5	164,538,653	18.0	25,920	803,520	*Based on 18.gpm flow rate, meter stopped registering flow about 7:00 on 1/5/2016. 16,338 gallons not registered by meter.													
1/6/2016	11:15	10	164,538,832	17.9	25,776	799,056	*Turn pump off for several seconds to back-flush water through meter. Meter starts to register flow about 11:00.													
1/23/2016	21:47	25,112	164,988,575	17.9	25,790	799,479	*System shut down due to temporary power outage.													
1/25/2016	13:05	2,358	164,988,575	0.0	0	0	*System re-started by Tetra Tech personnel at 13:05. Also replaced air stripper blower motor air filter.													
1/25/2016	13:20	15	164,988,845	18.0	25,920	803,520														
2/3/2016	14:25	13,025	165,229,445	18.5	26,600	771,398	*Checked system and re-filled AquaMag solution tank.													
3/8/2016	14:50	48,985	166,110,103	18.0	25,888	802,543	<0.70	1.5	<0.38	<0.20	<0.70	160	5.9	<0.20	12.9	1058	8.23	12.1	1092	7.46
3/22/2016	13:55	20,105	166,471,513	18.0	25,886	802,454	*Checked system and re-filled AquaMag solution tank.													
4/5/2016	14:20	20,185	166,835,015	18.0	25,932	777,968	*Checked system and re-filled AquaMag solution tank.													
4/19/2016	13:09	20,089	167,022,312	9.3	13,426	402,769	*Checked system and re-filled AquaMag solution tank. Flow meter not registering flow upon arrival at 13:00. Based on													
4/19/2016	13:25	16	167,022,580	16.8	24,120	723,600	*18 gpm flow rate, meter stopped operating on 4/12/2016 at about 20:00. 174,042 gallon not registered by meter.													
4/19/2016	13:35	10	167,022,755	17.5	25,200	756,000	*Quickly turn EW-1 pump off and on to get flow meter to start registering flow. Flow meter starts working at 13:09.													
5/3/2016	9:50	19,935	167,041,546	0.9	1,357	40,721	*Checked system and re-filled AquaMag solution tank. Flow meter not registering flow. Basedon 17.5 gpm flow rate,													
5/3/2016	10:09	19	167,041,754	10.9	15,764	472,926	*meter stopped operating at about 7:35 on 4/20/2016. 330,072 gallons no registered by meter. Re-start meter by turning													
5/3/2016	10:15	6	167,041,863	18.2	26,160	784,800	*EW-1 pump off at 9:55 then on at 9:56. Meter starts registering flow again at 9:56.													
5/17/2016	14:35	20,420	167,400,087	17.5	25,262	757,849	<0.70	1.1	<0.38	<0.20	<0.70	170	5.4	<0.20	11.8	1104	8.38	11.6	1168	7.35
5/17/2016	16:05	90	167,400,087	0.0	0	0	*Shut system down at 14:35 to pump purge water from May sampling event through air stripper. Re-start system at 16:05.													
5/18/2016	11:25	1,160	167,420,607	17.7	25,473	764,193	*Shut system down at 11:25 to pump purge water from May sampling event through air stripper. Re-start system at 11:35.													
5/18/2016	11:35	10	167,420,607	0.0	0	0	*Fill AquaMag solution tank.													
5/18/2016	12:35	60	167,421,675	17.8	25,632	768,960														
5/31/2016	14:55	18,860	167,757,965	17.8	25,676	770,293	*Checked system and re-filled AquaMag solution tank.													
6/2/2016	8:00	2,465	167,775,754	7.2	10,392	311,759	*Shut system down at 8:00 to install new pump in extraction well.													
6/2/2016	9:45	105	167,775,754	0.0	0	0	*Re-start system at 9:45.													
6/2/2016	10:15	30	167,776,462	23.6	33,984	1,019,520														
6/9/2016	11:04	10,129	168,015,783	23.6	34,023	1,020,700	*System shut down due to electrical power interruption. Main breaker switch on outside of remediation system building													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
6/10/2016	14:43	1,659	168,015,783	0.0	0	0	*was turned to OFF position by unkown person. Main breaker switch turned back to ON and system re-started by													
6/10/2016	14:48	5	168,015,903	24.0	34,560	1,036,800	*Tetra Tech personnel at 14:43 on 6/10/2016.													
6/14/2016	14:20	5,732	168,150,078	23.4	33,708	1,011,228	*System shut down due to high air stripper sump water level and high blower pressure alarm condition.													
6/14/2016	15:09	49	168,150,078	0.0	0	0	*Alarm condition cleared and system re-started by Tetra Tech personnel at 15:09.													
6/20/2016	7:55	8,206	168,339,159	23.0	33,180	995,406	*System shut down due to power interruption. Main breaker switch on outside of remediation system building was turned													
6/20/2016	11:43	228	168,339,159	0.0	0	0	*to OFF position by Deerfield personnel. Main breaker switch turned back to ON and system re-started by Tt personnel.													
6/20/2016	11:58	15	168,339,277	7.9	11,328	339,840														
6/21/2016	13:00	1,502	168,374,139	23.2	33,423	1,002,689	*System shut down by Deerfield personnel so drainage ditch can be dredged.													
6/28/2016	15:07	10,207	168,374,139	0.0	0	0	*Re-started by Tetra Tech personnel. Re-filled AquaMag solution tank.													
6/28/2016	15:14	7	168,374,291	21.7	31,269	938,057														
6/29/2016	15:52	1,478	168,400,021	17.4	25,068	752,054	*Installed new batteries in autodialer and re-set autodialer time. Meter stopped registering flow about 15:53. Tapped on													
6/29/2016	16:04	12	168,400,187	13.8	19,920	597,600	*right side of meter for several seconds and meter started registering flow about 16:00.													
6/29/2016	16:06	2	168,400,234	23.5	33,840	1,015,200														
7/12/2016	14:32	18,626	168,816,188	22.3	32,158	964,738														
7/27/2016	6:29	21,117	169,300,697	22.9	33,039	991,182	*System shut down due to high air stripper sump water level and high blower pressure alarm condition.													
7/27/2016	14:26	477	169,300,697	0.0	0	0	*Re-started by Tetra Tech personnel. Checked outfall and monitored system for 15 minutes. System operating when													
7/27/2016	14:32	6	169,300,839	23.7	34,080	1,022,400	*left site.													
7/27/2016	14:40	8	169,301,026	23.4	33,660	1,009,800														
8/9/2016	16:00	18,800	169,343,033	2.2	3,218	96,527	*Shut system down to back-flush water through water meter because meter was registering very low flow.													
8/9/2016	16:05	5	169,343,033	0.0	0	0	*Re-start system at 16:05. Meter starts registering expected flow of 22-23 gpm.													
8/9/2016	16:25	20	169,343,491	22.9	32,976	989,280	*Add 388,513 to total system flow (based on 22.9 gpm pumping rate) to account for low recording by water meter.													
8/23/2016	14:15	20,030	169,775,330	21.6	31,046	931,375														
8/23/2016	14:25	10	169,775,555	22.5	32,400	972,000	<0.70	2.6	<0.38	<0.20	<0.70	150	6.6	<0.20	13.4	1125	8.42	11.8	1183	7.43
9/6/2016	14:35	20,170	170,230,470	22.6	32,478	974,335	*Checked system and re-filled AquaMag solution tank.													
9/20/2016	10:27	19,912	170,677,803	22.5	32,350	970,510	*Checked system and re-filled AquaMag solution tank.													
10/4/2016	10:29	20,162	171,128,120	22.3	32,162	997,032	*Checked system and re-filled AquaMag solution tank.													
10/15/2016	21:18	16,489	171,498,589	22.5	32,353	1,002,956	*System shut down caused by temporary power outage due to thunderstorm.													
10/17/2016	13:05	2,387	171,498,589	0.0	0	0	*Re-started by Tetra Tech personnel.													
10/17/2016	13:20	15	171,498,889	20.0	28,800	892,800	*Checked system and re-filled AquaMag solution tank.													
10/17/2016	13:35	15	171,499,215	21.7	31,296	970,176	*Checked system and re-filled AquaMag solution tank.													
11/8/2016	13:42	31,687	172,200,344	22.1	31,862	955,874	*Checked system and re-filled AquaMag solution tank.													
11/15/2016	9:19	9,817	172,415,952	22.0	31,626	948,789	*Took delivery of AquaMag and re-filled AquaMag solution tank.													
11/29/2016	13:10	20,391	172,858,517	21.7	31,254	937,610														
11/29/2016	13:15	5	172,858,626	21.8	31,392	941,760	<0.70	2.4	<0.38	<0.20	<0.70	160	5.9	<0.20	12.4	1048	8.26	12.9	1086	7.36
12/14/2016	11:20	21,485	173,324,838	21.7	31,247	937,415	*Checked system and re-filled AquaMag solution tank.													
12/27/2016	14:10	18,890	173,732,731	21.6	31,094	932,820	*Checked system and re-filled AquaMag solution tank.													
1/3/2017	18:40	10,350	173,956,212	21.6	31,093	963,883	*Automatic shut down of system due to Alarm Condition 2 (high sump water level) and 3 (high blower pressure).													
1/4/2017	10:27	947	173,956,212	0.0	0	0	*Clear alarms, re-set air stripper blower motor circuit breaker and re-start system at 10:27.													
1/4/2017	10:56	29	173,956,837	21.6	31,034	962,069	*Leave site at 11:05 with system operating.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
1/17/2017	13:20	18,864	174,355,515	21.1	30,433	943,436	*Checked system and re-filled AquaMag solution tank.													
1/31/2017	13:05	20,145	174,780,253	21.1	30,361	941,192	*Checked system and re-filled AquaMag solution tank.													
2/21/2017	13:55	30,290	175,420,587	21.1	30,442	943,695	*Checked system and re-filled AquaMag solution tank.													
3/1/2017	10:45	11,330	175,659,142	21.1	30,319	939,902	<0.70	2.1	<0.38	<0.20	<0.70	160	5.0	<0.20	12.0	1028	8.58	12.6	1036	7.78
3/14/2017	10:20	18,695	176,050,454	20.9	30,141	934,376	*Shut system down at request of Village of Deerfield for storm sewer maintenance.													
3/15/2017	13:50	1,650	176,050,454	0.0	0	0	*Re-start system.													
3/24/2017	9:58	12,728	176,324,574	21.5	31,013	961,401	*Autodialer called at 19:40 on 3/23/2017 for a high air stripper sump water level alarm condition most likely caused by													
3/24/2017	10:04	6	176,324,705	21.8	31,440	974,640	* temporary power interruption due to a thunderstorm. Remediation system was operating when system checked on													
3/24/2017	10:20	16	176,325,052	21.7	31,230	968,130	*3/24/2017. Re-filled AquaMag solution tank.													
4/25/2017	15:15	46,375	177,334,277	21.8	31,338	940,130	*Checked system and re-filled AquaMag solution tank.													
5/17/2017	15:15	31,680	178,012,676	21.4	30,836	955,926	<0.70	2.3	<0.38	<0.20	<0.70	140	5.2	<0.20	14.0	1060	8.23	13.0	1073	7.74
5/23/2017	14:55	8,620	178,188,662	20.4	29,399	911,371	*Checked system and re-filled AquaMag solution tank.													
6/22/2017	11:25	42,990	179,066,400	20.4	29,401	882,026	*Checked system and re-filled AquaMag solution tank.													
7/20/2017	12:05	40,360	179,762,500	17.2	24,836	745,082	*Checked system and re-filled AquaMag solution tank.Water meter stops registering every few seconds (starts & stops).													
7/20/2017	12:10	5	179,762,500	0.0	0	0	*Turned system on & off several times to back-flush water through meter. Meter would register flow for a few seconds													
7/20/2017	12:30	20	179,762,502	0.1	144	4,320	*then slow down and stop. Tapped outside of meter with a hammer but again would only register flow for a few seconds													
7/20/2017	12:40	10	179,762,502	0.0	0	0	*then stop. Adjust total system flow based on 20.4 gpm pumping rate. Meter not working at all when left site.													
8/8/2017	15:40	27,540	179,770,593	0.3	423	13,115	*Checked system and re-filled AquaMag solution tank. Meter not registering flow on arrival. Total system flow calculated based on 20.4 gpm pumping rate													
8/22/2017	10:00	19,820	179,772,335	0.1	127	3,923	*Site visit to meet with contractor about moving treatment system building. Fill AquaMag tank. Meter not working.													
8/23/2017	10:00	1,440	179,772,335	0.0	0	0	*Shut system down. Install new flow meter and hose connecting fow meter to air stripper and influent line.													
8/23/2017	17:05	425	0				*Replace particulate filters on influent line. Replace air filter on air stripper blower motor. Re-start at 17:05													
8/23/2017	17:10	5	98	19.6	28,224	874,944														
8/23/2017	17:30	20	492	19.7	28,368	879,408														
9/5/2017	14:35	18,545	361,428	19.5	28,026	840,789	*Checked system, re-filled AquaMag solution tank and collect quarterly WPDES samples.													
9/5/2017	14:40	5	361,525	19.4	27,936	838,080	<0.70	1.4	<0.38	<0.20	<0.70	130	5.2	<0.20	14.3	1023	8.08	15.1	1028	6.99
9/11/2017	11:43	8,463	523,610	19.2	27,579	827,375	*High air stripper sump water level and high blower pressure alarms called in by autodialer.													
9/11/2017	17:25	342	523,610	0.0	0	0	*Re-started by Tt personnel. Check outfall flow, blower motor air inlet and air stripper exhaust outlet; all are clear.													
9/11/2017	17:39	14	523,879	19.2	27,669	830,057	*Leave site at 17:40 with system operating.													
9/20/2017	8:40	12,421	758,963	18.9	27,254	817,618	*Checked system and re-filled AquaMag solution tank.													
10/3/2017	15:10	19,110	1,120,174	18.9	27,218	843,771	*Checked system and re-filled AquaMag solution tank.													
10/17/2017	15:00	20,150	1,496,534	18.7	26,896	833,782	*Checked system and re-filled AquaMag solution tank.													
10/26/2017	23:10	13,450	1,746,270	18.6	26,738	828,864	*High air stripper sump water level and high blower pressure alarms called in by autodialer.													
10/27/2017	10:45	695	1,746,270	0.0	0	0	*System re-started by Tetra Tech personnel.													
10/27/2017	11:05	20	1,746,634	18.2	26,208	812,448														
10/31/2017	12:13	5,828	1,852,897	18.2	26,256	813,929	*Checked system and re-filled AquaMag solution tank.													
11/15/2017	15:35	21,802	2,251,870	18.3	26,352	790,553	<0.70	1.4	<0.38	<0.20	<0.70	140	5.0	<0.20	12.7	1046	8.23	13.1	1044	7.25
11/15/2017	15:40	5	2,251,961	18.2	26,208	917,280	*Turn off extraction well. Pump purge water from monitor wells sampling round through air stripper.													
11/15/2017	16:05	25	2,251,961	0.0	0	0	*Re-start extraction well. AquaMag tank stirrer was not spinning; motor was very hot. Stirrer was un-plugged.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
11/16/2017	16:30	1,465	2,278,243	17.9	25,834	775,005	*Shut-down caused by temporary power outage.													
11/17/2017	8:30	960	2,278,243	0.0	0	0	*Re-start system.													
11/17/2017	8:35	5	2,278,333	18.0	25,920	777,600														
11/25/2017	15:20	11,925	2,490,844	17.8	25,662	769,851	*Shut-down caused by temporary power outage.													
11/27/2017	17:00	2,980	2,490,844	0.0	0	0	*Re-start system.													
11/27/2017	17:05	5	2,490,934	18.0	25,920	777,600														
11/28/2017	15:15	1,330	2,514,829	18.0	25,871	776,138	*Checked system and re-filled AquaMag solution tank. Adjusted chemical pump settings.													
12/15/2017	9:50	24,155	2,949,645	18.0	25,922	803,568	*Checked system and re-filled AquaMag solution tank. Adjusted chemical pump settings.													
12/26/2017	10:40	15,890	3,239,843	18.3	26,299	815,257	*Checked system and re-filled AquaMag solution tank. Adjusted chemical pump settings.													
1/9/2018	14:55	20,415	3,611,200	18.2	26,194	812,019	*Checked system and re-filled AquaMag solution tank.													
1/23/2018	15:20	20,185	3,975,274	18.0	25,973	805,165	*Checked system and re-filled AquaMag solution tank.													
2/6/2018	7:42	19,702	4,329,059	18.0	25,858	724,018	*Checked system and re-filled AquaMag solution tank. Took delivery of 55 gallons of AquaMag													
3/1/2018	11:40	33,358	4,925,789	17.9	25,760	798,550	<0.70	1.0	<0.38	<0.20	<0.70	180	4.8	<0.20	12.4	1010	8.28	13.3	1019	7.18
4/17/2018	15:35	67,915	6,123,272	17.6	25,390	761,706	*Checked system and re-filled AquaMag solution tank.													
5/3/2018	10:30	22,735	6,520,095	17.5	25,134	779,159	*Checked system and re-filled AquaMag solution tank.													
5/9/2018	10:10	8,620	6,670,741	17.5	25,166	780,144	<1.47	1.4	<0.37	<0.50	<1.47	190	5.0	<0.50	13.8	1037	8.17	13.3	1042	7.10
5/10/2018	14:25	1,695	6,700,258	17.4	25,076	777,368	*Turn off extraction well and run purge water from groundwater sampling through air stripper.													
5/10/2018	14:40	15	6,700,258	0.0	0	0	*Re-prime chemical feed pump and re-start extraction well at 14:40.													
5/22/2018	15:04	17,304	7,018,178	18.4	26,457	820,154	*Checked system and re-filled AquaMag solution tank. Increased AquaMag chemical feed pump stroke and speed													
5/22/2018	15:35	31	7,018,755	18.6	26,803	830,880	*settings because AquaMag usage was less than the target rate of 1 gallon per day.													
6/5/2018	16:15	20,200	7,403,213	19.0	27,407	849,614	*Checked system, re-filled AquaMag solution tank and adjusted AquaMag pump stroke & speed settings.													
6/27/2018	15:39	31,644	7,991,658	18.6	26,778	830,116	*Checked system, re-filled AquaMag solution tank and adjusted AquaMag pump speed setting.													
7/17/2018	15:39	28,800	8,517,546	18.3	26,294	815,126	*Checked system, re-filled AquaMag solution tank and adjusted AquaMag pump Stroke setting.													
8/21/2018	14:02	50,303	9,411,621	17.8	25,594	793,422	*Checked system, re-filled AquaMag solution tank, adjusted AquaMag pump Speed setting and collected WPDES samples.													
8/21/2018	14:44	42	9,412,339	17.1	24,617	763,131	<0.70	1.7	<0.38	<0.20	<0.70	220	4.4	<0.20	17.3	1057	8.56	14.6	1062	7.35
9/4/2018	14:40	20,156	9,764,247	17.5	25,141	754,238	*Checked system and re-filled AquaMag solution tank.													
9/18/2018	10:57	19,937	10,117,976	17.7	25,549	766,469	*Checked system and re-filled AquaMag solution tank.													
9/18/2018	11:23	26	10,118,436	17.7	25,477	764,308														
10/2/2018	11:23	20,160	10,474,338	17.7	25,422	788,069	*Checked system and re-filled AquaMag solution tank.													
10/25/2018	14:35	33,312	11,070,724	17.9	25,780	799,192	*Checked system and re-filled AquaMag solution tank.													
11/13/2018	8:55	27,020	11,554,639	17.9	25,790	799,481	*Checked system, re-filled AquaMag solution tank and took delivery of 55 gallons of AquaMag.													
11/29/2018	10:30	23,135	11,965,096	17.7	25,548	791,995														
11/29/2018	10:40	10	11,965,273	17.7	25,488	790,128	<0.70	1.0	<0.38	<0.20	<0.70	160	4.7	<0.20	11.9	961	8.38	12.4	970	7.29
11/29/2018	10:50	10	11,965,450	17.7	25,488	790,128	*Turn off recovery well pump to discharge purge water from groundwater sampling round through air stripper.													
11/29/2018	11:10	20	11,965,450	0.0	0	0	*Re-start recovery well pump.													
12/11/2018	13:57	17,447	12,271,727	17.6	25,279	783,642	*Checked system and re-filled AquaMag solution tank.													
12/11/2018	14:19	22	12,272,107	17.3	24,873	771,055														
12/26/2018	16:25	21,726	12,656,495	17.7	25,477	789,795	*Checked system and re-filled AquaMag solution tank.													
1/15/2019	15:40	28,755	13,165,666	17.7	25,498	713,955	*Checked system and re-filled AquaMag solution tank.													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
2/5/2019	14:30	30,170	13,693,504	17.5	25,193	705,417	*Checked system and re-filled AquaMag solution tank.													
2/19/2019	15:20	20,210	14,046,863	17.5	25,177	704,970	*Checked system and re-filled AquaMag solution tank.													
3/5/2019	13:53	20,073	14,399,095	17.5	25,268	783,323	*Checked system and re-filled AquaMag solution tank.													
3/12/2019	13:10	10,037	14,573,497	17.4	25,021	775,661	<0.70	1.3	<0.38	<0.20	<0.70	160	4.7	<0.20	12.9	1090	8.39	12.1	1103	7.31
3/12/2019	13:28	18	14,573,810	17.4	25,040	776,240	*Checked system, re-filled AquaMag solution tank and collect Influent and Effluent samples.													
3/12/2019	13:34	6	14,573,915	17.5	25,200	781,200														
3/26/2019	14:15	20,201	14,926,826	17.5	25,157	779,860	*Checked system and re-filled AquaMag solution tank.													
4/9/2019	15:05	20,210	15,275,859	17.3	24,869	746,077	*Checked system and re-filled AquaMag solution tank.													
4/23/2019	13:30	20,065	15,626,835	17.5	25,188	755,652	*Checked system and re-filled AquaMag solution tank.													
4/30/2019	14:12	10,122	15,805,303	17.6	25,390	761,689	*Checked system and re-filled AquaMag solution tank.													
5/15/2019	10:40	21,388	16,182,206	17.6	25,376	786,654	<0.70	1.8	<0.38	<0.20	<0.70	200	4.9	<0.20	13.0	939	8.39	12.4	1165	7.37
5/15/2019	15:10	270	16,186,930	17.5	25,195	781,035	*Turn off extraction well. Pump purge water from monitor wells sampling round through air stripper.													
5/15/2019	15:20	10	16,186,930	0.0	0	0	*Re-fill AquaMag solution tank. Re-start extraction well at 15:20.													
5/15/2019	15:25	5	16,187,016	17.2	24,768	767,808														
5/23/2019	9:35	11,170	16,381,506	17.4	25,073	777,264	*Automatic shut-down due to high blower pressure and high air stripper sump water level alarms.													
5/23/2019	11:22	107	16,381,506	0.0	0	0	*Clear alarms in control panel and re-start system at 11:22.													
5/23/2019	11:52	30	16,382,024	17.3	24,864	770,784														
5/28/2019	13:18	7,286	16,509,027	17.4	25,101	778,124	*Checked system and re-filled AquaMag solution tank.													
5/28/2019	13:36	18	16,509,334	17.1	24,560	761,360														
6/11/2019	14:05	20,189	16,857,585	17.2	24,839	745,180	*Checked system and re-filled AquaMag solution tank.													
6/25/2019	16:10	20,285	17,203,993	17.1	24,591	737,729	*Checked system and re-filled AquaMag solution tank.													
7/9/2019	14:35	20,065	17,550,253	17.3	24,850	770,349	*Checked system and re-filled AquaMag solution tank.													
7/18/2019	9:54	12,679	17,770,599	17.4	25,025	775,790	*System shut-down due to temporary power outage caused by thunderstorm.													
7/18/2019	14:06	252	17,770,599	0.0	0	0	*Re-start system at 14:06.													
7/18/2019	14:23	17	17,770,895	17.4	25,073	777,261														
7/23/2019	13:10	7,127	17,895,206	17.4	25,117	778,623	*Checked system and re-filled AquaMag solution tank.													
8/6/2019	14:05	20,215	18,246,977	17.4	25,058	776,802	*Checked system and re-filled AquaMag solution tank.													
8/27/2019	8:35	29,910	18,763,906	17.3	24,887	771,505	*Checked system and re-filled AquaMag solution tank. Took delivery of 55 gallons of AquaMag													
9/10/2019	0:28	19,673	19,101,416	17.2	24,705	741,139	*System shut-down due to temporary power outage caused by thunderstorm.													
9/10/2019	8:10	462	19,101,416	0.0	0	0	*Re-started by Tetra Tech personnel.													
9/10/2019	8:40	30	19,101,909	16.4	23,664	709,920														
9/17/2019	14:40	10,440	19,278,851	16.9	24,406	732,174														
9/17/2019	15:15	35	19,279,442	16.9	24,315	729,463	<0.70	1.3	<0.38	<0.20	<0.70	150	4.3	<0.20	13.5	928	8.05	12.2	943	7.05
9/24/2019	13:48	9,993	19,450,155	17.1	24,600	737,997	*Checked system and re-filled AquaMag solution tank.													
10/1/2019	15:00	10,152	19,624,148	17.1	24,680	765,076	*Checked system and re-filled AquaMag solution tank.													
10/15/2019	15:00	20,160	19,972,874	17.3	24,909	772,179	*Checked system and re-filled AquaMag solution tank.													
10/29/2019	12:15	19,995	20,316,984	17.2	24,782	768,246	*Checked system and re-filled AquaMag solution tank.													
11/12/2019	14:50	20,315	20,665,165	17.1	24,680	740,410	<0.70	0.93	<0.38	<0.20	<0.70	150	3.9	<0.20	11.5	941	8.02	12.7	947	7.07
11/13/2019	14:20	1,410	20,689,215	17.1	24,562	736,851	*Turn system off to pump purge water from sampling of monitor wells through air stripper.													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
11/13/2019	14:30	10	20,689,215	0.0	0	0	*Re-start system.													
11/19/2019	15:20	8,690	20,835,184	16.8	24,188	725,646	*Checked system and re-filled AquaMag solution tank.													
12/3/2019	14:05	20,085	21,177,142	17.0	24,517	760,020	*Checked system and re-filled AquaMag solution tank.													
12/10/2019	14:19	10,094	21,348,642	17.0	24,466	758,447	*Checked system and re-filled AquaMag solution tank.													
12/10/2019	15:07	48	21,349,450	16.8	24,240	751,440														
12/31/2019	13:24	30,137	21,859,977	16.9	24,394	756,211	*Checked system and re-filled AquaMag solution tank.													
12/31/2019	14:08	44	21,860,713	16.7	24,087	746,705														
1/14/2020	15:30	20,242	22,201,763	16.8	24,262	752,123	*Checked system and re-filled AquaMag solution tank.													
1/28/2020	14:25	20,095	22,538,741	16.8	24,148	748,579	*Checked system and re-filled AquaMag solution tank.													
2/11/2020	14:40	20,175	22,875,429	16.7	24,031	696,907	*Checked system and re-filled AquaMag solution tank.													
2/13/2020	10:45	2,645	22,919,327	16.6	23,899	693,074	*Check system.													
2/25/2020	14:10	17,485	23,210,643	16.7	23,992	695,760	*Checked system and re-filled AquaMag solution tank.													
3/3/2020	15:00	10,130	23,380,452	16.8	24,139	748,299	*Check system.													
3/10/2020	13:50	10,010	23,547,035	16.6	23,964	742,884	<0.70	1.4	<0.38	<0.20	<0.70	200	4.6	<0.20	12.8	952	8.17	14.1	955	7.25
3/24/2020	14:50	20,220	23,882,460	16.6	23,888	740,523	*Checked system and re-filled AquaMag solution tank.													
3/31/2020	13:00	9,970	24,045,927	16.4	23,610	731,912	*Check system.													
4/7/2020	8:07	9,787	24,204,603	16.2	23,347	700,399	*Take delivery of 45 gallons AquaMag.													
4/7/2020	13:39	332	24,209,836	15.8	22,697	680,920	*Re-fill AquaMag solution tank.													
4/14/2020	13:10	10,051	24,372,233	16.2	23,267	697,995	*Check system.													
4/21/2020	13:15	10,085	24,535,258	16.2	23,278	698,332	*Re-fill AquaMag solution tank.													
4/28/2020	13:05	10,070	24,698,023	16.2	23,275	698,257	*Check system.													
4/29/2020	6:50	1,065	24,715,266	16.2	23,314	699,434	*Rain storm caused temporary power interruption and system shut-down.													
5/5/2020	14:00	9,070	24,715,266	0.0	0	0	*System re-started by Tetra Tech personnel.													
5/5/2020	14:30	30	24,715,741	15.8	22,800	706,800	*Re-fill AquaMag solution tank.													
5/14/2020	8:40	12,610	24,923,019	16.4	23,670	733,774	<0.70	1.2	<0.38	<0.20	0.67	190	4.4	<0.20	13.1	965	7.85	13.2	974	6.90
5/14/2020	8:50	10	24,923,183	16.4	23,616	732,096	*Turn system off to pump purge water from sampling of monitor wells through air stripper.													
5/14/2020	9:15	25	24,923,183	0.0	0	0	*Re-start system.													
5/19/2020	13:30	7,455	25,045,686	16.4	23,663	733,539	*Re-fill AquaMag solution tank.													
5/26/2020	13:25	10,075	25,209,947	16.3	23,478	727,803	*Check system.													
6/2/2020	14:15	10,130	25,375,044	16.3	23,469	704,066	*Re-fill AquaMag solution tank.													
6/9/2020	15:30	10,155	25,541,408	16.4	23,591	707,723	*Check system.													
6/16/2020	16:30	10,140	25,706,736	16.3	23,479	704,356	*Re-fill AquaMag solution tank.													
6/26/2020	7:00	13,830	25,932,061	16.3	23,461	703,835	*Rain storm caused temporary power interruption and system shut-down. Shut-down time is approximate.													
6/30/2020	14:10	6,190	25,932,061	0.0	0	0	* System re-started by Tetra Tech personnel.													
6/30/2020	14:25	15	25,932,295	15.6	22,464	673,920														
6/30/2020	14:40	15	25,932,537	16.1	23,232	696,960														
7/14/2020	11:00	19,940	26,257,490	16.3	23,467	704,011	*Check system.													
7/14/2020	11:09	9	26,257,636	16.2	23,360	700,800	*Re-fill AquaMag solution tank.													
7/21/2020	17:15	10,446	26,428,554	16.4	23,561	706,841	*Shut system down for move of treatment system building about 20 feet north of original location to accommodate													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
7/21/2020	17:20	5	26,428,636	16.4	17,056	708,480	*expansion of Truckstar Collision building onto former Sta-Rite Deerfield property.													
9/10/2020	16:00	73,360	26,428,888	0.0	252	148	*Operate extraction well pump for several minutes to check for leaks before premanent re-start of system.													
9/15/2020	11:20	6,920	26,428,888	0.0	12,274	0	*Re-start treatment system with extraction well pump switch in HAND position.													
9/17/2020	7:10	2,630	26,472,511	16.6	23,885	716,545	*System check. Operating extraction well pump with switch in contorl panel in HAND position.													
9/17/2020	15:00	470	26,480,250	16.5	23,711	711,329														
9/22/2020	14:35	7,175	26,597,950	16.4	23,622	708,661	<0.70	0.85	<0.38	<0.20	<0.70	150	4.8	<0.20	15.6	963	7.71	14.4	985	6.67
9/23/2020	8:15	1,060	26,614,639	15.7	22,672	680,155	*Turn system off to trouble-shoot issue with extraction well pump not being to operate with control panel switch in													
9/23/2020	10:25	130	26,615,349	5.5	7,865	235,938	*AUTO position. Electrician repairs faulty wiring in control. Extraction wll pump now able to operate when control													
9/23/2020	10:35	10	26,615,519	17.0	24,480	734,400	*panel switch is in the AUTO position.													
9/29/2020	12:20	8,745	26,762,037	16.8	24,126	723,794	*Check system.													
10/7/2020	12:20	11,520	26,954,351	16.7	24,039	745,217	*Check system. Re-fill AquaMag solution tank.													
10/20/2020	14:15	18,835	27,259,223	16.2	23,309	722,564	*Check system. Re-fill AquaMag solution tank.													
11/3/2020	15:15	20,220	27,583,518	16.0	23,095	692,856	*Check system. Re-fill AquaMag solution tank.													
11/11/2020	15:55	11,560	27,771,405	16.3	23,405	702,138	<0.70	0.53	<0.38	<0.20	<0.70	130	3.9	<0.20	12.9	980	7.75	12.9	995	6.96
11/12/2020	13:45	1,310	27,792,855	16.4	23,579	707,359	*Leak around air stripper sump float switch fitting. Tried tightening fitting, but caused shut-down.													
11/12/2020	14:35	50	27,792,855	0.0	0	0	*Pump purge water from semi-annual groundwater sampling round through air stripper, then re-start system at 14:35.													
11/12/2020	15:25	50	27,793,665	16.2	23,328	699,840	*Moved float switch ftting back to original position before re-starting system. Fitting was not leaking after re-start.													
11/17/2020	14:35	7,150	27,911,418	16.5	23,715	711,459	*Check system. Re-fill AquaMag solution tank.													
11/24/2020	14:20	10,065	28,077,778	16.5	23,801	714,034	*Check system. Re-fill AquaMag solution tank.													
12/1/2020	14:30	10,090	28,243,853	16.5	23,701	734,746	*Check system. Re-fill AquaMag solution tank.													
12/15/2020	15:00	20,190	28,574,649	16.4	23,593	731,388	*Check system. Re-fill AquaMag solution tank.													
12/29/2020	12:45	20,025	28,901,495	16.3	23,504	728,610	*Check system. Re-fill AquaMag solution tank.													
1/12/2021	12:40	20,155	29,230,612	16.3	23,514	728,940	*Check system. Re-fill AquaMag solution tank.													
1/20/2021	12:40	11,520	29,420,883	16.5	23,784	737,300	*Check system. Re-fill AquaMag solution tank.													
1/26/2021	13:45	8,705	29,559,716	15.9	22,966	711,948	*Check system. Re-fill AquaMag solution tank.													
2/2/2021	13:25	10,060	29,714,458	15.4	22,150	620,199	*Check system. Re-fill AquaMag solution tank.													
2/16/2021	14:10	20,205	30,021,899	15.2	21,911	613,513	*Check system. Re-fill AquaMag solution tank.													
2/18/2021	11:45	2,735	30,063,103	15.1	10,169	607,439	*System shut-down due to air stripper blower motor failure.													
2/23/2021	15:01	7,396	30,063,120	0.0	3	93	*Take delivery of 50 gallons AquaMag. System down upon arrival due to air stripper blower motor failure.													
3/10/2021	9:15	21,254	30,063,203	0.0	6	174	*Blower motor repaired and re-installed. System re-started at 9:15.													
3/10/2021	10:35	80	30,064,503	16.3	23,400	725,400	<0.70	0.86	<0.38	<0.20	<0.70	160	4.5	<0.20	13.9	1127	7.70	13.6	1138	7.20
3/10/2021	10:55	20	30,064,827	16.2	14,337	723,168														
3/23/2021	12:25	18,810	30,367,821	16.1	23,196	719,067	*Check system. Re-fill AquaMag solution tank.													
3/23/2021	12:40	15	30,368,063	16.1	23,232	720,192														
3/30/2021	10:01	9,921	30,528,097	16.1	23,228	720,080	*Check system.													
3/30/2021	10:11	10	30,528,258	16.1	23,184	718,704														
4/6/2021	15:40	10,409	30,696,125	16.1	23,223	696,691	*Check system. Re-fill AquaMag solution tank.													
4/13/2021	14:25	10,005	30,857,186	16.1	23,181	695,436	*Check system.													
4/20/2021	13:14	10,009	31,018,081	16.1	23,148	694,441	*Check system. Re-fill AquaMag solution tank.													

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
4/27/2021	11:42	9,988	31,178,439	16.1	23,119	693,579	*Check system. Re-fill AquaMag solution tank.													
5/4/2021	13:40	10,198	31,342,741	16.1	23,200	719,204	*Check system.													
5/13/2021	15:30	13,070	31,550,625	15.9	22,904	710,018	<0.70	0.77	<0.38	<0.20	<0.70	160	4.5	<0.20	15.2	1081	7.76	11.2	1103	7.00
5/13/2021	15:50	20	31,550,945	16.0	23,040	714,240														
5/14/2021	13:50	1,320	31,571,993	15.9	22,961	711,805	*Check system.													
5/14/2021	13:55	5	31,572,072	15.8	22,752	705,312	*Turn off extraction well pump. Pump purge water from groundwater sampling round through air stripper. Re-start													
5/14/2021	14:15	20	31,572,072	0.0	0	0	*extraction well pump at 14:15.													
5/18/2021	12:25	5,650	31,663,832	16.2	23,387	724,985	*Check system.													
5/25/2021	12:55	10,110	31,827,738	16.2	23,346	723,716	*Check system. Re-fill AquaMag solution tank.													
5/28/2021	10:22	4,167	31,895,126	16.2	23,287	721,910	*Check system.													
5/28/2021	10:32	10	31,895,287	16.1	23,184	718,704														
6/1/2021	13:00	5,908	31,990,192	16.1	23,132	693,957	*Check system.													
6/11/2021	8:20	14,120	32,216,982	16.1	23,129	693,862	*Check system.													
6/15/2021	14:10	6,110	32,315,014	16.0	23,104	693,123	*Check system. Re-fill AquaMag solution tank.													
6/23/2021	16:10	11,640	32,500,950	16.0	23,002	690,072	*Check system.													
6/29/2021	14:00	8,510	32,636,385	15.9	22,917	687,520	*Check system. Re-fill AquaMag solution tank.													
7/6/2021	13:45	10,065	32,796,325	15.9	22,883	709,361	*Check system.													
7/14/2021	14:40	11,575	32,979,880	15.9	22,835	707,896	*System shut-down due to temporary power outage caused by thunderstorm.													
7/14/2021	16:17	97	32,979,880	0.0	0	0	*Re-start system and re-fill AquaMag solution 35-gallon chemical tank.													
7/14/2021	16:43	26	32,980,275	15.2	21,877	678,185														
7/20/2021	14:00	8,477	33,113,158	15.7	22,573	699,764	*Check system.													
7/27/2021	13:15	10,035	33,269,623	15.6	22,452	696,024	*Check system. Re-fill AquaMag solution tank.													
8/3/2021	7:05	9,710	33,420,192	15.5	22,329	692,214	*System shut down so air stripper blower motor could be removed and tested by mechanical contractor.													
8/17/2021	8:30	20,245	33,420,192	0.0	0	0	*Re-install blower motor. Secure motor to floor with new bolts to reduce vibration. Re-start at 8:30.													
8/17/2021	10:15	105	33,421,856	15.8	22,821	707,438	* Filled AquaMag solution tank.													
8/24/2021	14:30	10,335	33,587,542	16.0	23,085	715,648	*System check.													
8/31/2021	14:40	10,090	33,748,370	15.9	22,953	711,532	*Check system. Re-fill AquaMag solution tank.													
9/22/2021	9:20	31,360	34,245,465	15.9	22,826	684,774	*Check system. Re-fill AquaMag solution tank.													
9/28/2021	14:20	8,940	34,387,028	15.8	22,802	684,063	*System check.													
10/5/2021	14:30	10,090	34,546,619	15.8	22,776	706,060	*Check system. Re-fill AquaMag solution tank.													
10/5/2021	14:50	20	34,546,935	15.8	22,752	705,312	0.268	0.588	<0.379	<0.204	<0.70	129	3.3	<0.204	14.2	1101	7.32	15.0	1092	6.87
10/13/2021	11:35	11,325	34,725,753	15.8	22,737	704,851	*System check.													
10/19/2021	13:20	8,745	34,863,735	15.8	22,721	704,347	*Check system. Re-fill AquaMag solution tank.													
10/26/2021	11:50	9,990	35,020,987	15.7	22,667	702,676	*System check.													
11/2/2021	15:05	10,275	35,182,123	15.7	22,583	677,477	*Check system. Re-fill AquaMag solution tank.													
11/9/2021	12:10	9,905	35,337,987	15.7	22,660	679,790	*Check system.													
11/17/2021	14:10	11,640	35,519,803	15.6	22,493	674,781	*Check system. Start groundwater sampling round.													
11/18/2021	8:35	1,105	35,537,051	15.6	22,477	674,311	*Check system. Re-fill AquaMag solution tank.													
11/18/2021	13:30	295	35,541,643	15.6	22,415	672,456	*Turn off extraction well pump. Pump purge water from groundwater sampling round through air stripper. Re-start													

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Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
11/18/2021	14:00	30	35,541,643	0.0	0	0	*pump at 14:00.													
11/18/2021	14:05	5	35,541,722	15.8	22,752	682,560														
11/23/2021	13:50	7,185	35,654,032	15.6	22,509	675,267	*Check system. Light bulb burned out.													
11/30/2021	8:45	9,775	35,807,014	15.7	22,536	676,094	*Take delivery of 55 gallons AquaMag. Re-fill AquaMag solution tank.													
12/2/2021	12:50	3,125	35,855,888	15.6	22,521	675,634	*Check system. Change light bulbs.													
12/7/2021	13:00	7,210	35,968,492	15.6	22,490	674,687	*Check system. Re-fill AquaMag solution tank.													
12/21/2021	8:41	19,901	36,278,485	15.6	22,431	695,346	*Check system. Start groundwater sampling round.													
12/22/2021	11:38	1,617	36,303,638	15.6	22,400	694,391	<0.73	0.54	<0.38	<0.20	<0.73	150	4.5	<0.20	10.6	1102	8.08	14.1	1135	7.56
12/22/2021	12:05	27	36,303,638	0.0	0	0	* Re-start well pump at 12:05. Re-fill AquaMag solution tank.													
12/28/2021	10:05	8,520	36,437,240	15.7	22,581	699,999	*Check system.													
1/4/2022	9:17	10,032	36,593,500	15.6	22,430	695,320	*Check system. Re-fill AquaMag solution tank.													
1/11/2022	14:15	10,378	36,755,841	15.6	22,526	698,295	*Check system.													
1/18/2022	8:25	9,730	36,908,019	15.6	22,522	698,173	*Check system. Re-fill AquaMag solution tank.													
1/27/2022	13:59	13,294	37,115,822	15.6	22,509	697,783	*Check system.													
2/3/2022	12:35	9,996	37,271,966	15.6	22,494	629,825	*Check system. Re-fill AquaMag solution tank.													
2/8/2022	12:50	7,215	37,384,579	15.6	22,476	629,322	*Check system.													
2/15/2022	14:25	10,175	37,543,363	15.6	22,472	629,206	*Check system. Re-fill AquaMag solution tank.													
2/21/2022	21:00	9,035	37,684,320	15.6	19,658	629,041	*Extraction well pump not pumping on arrival on 2/23/2022 and could not be re-started. Based on previous pumping rate,													
2/23/2022	13:30	2,430	37,684,320	0.0	0	0	*pumping stopped about 21:00 on 2/21/2022.													
2/28/2022	13:00	7,170	37,684,320	0.0	0	0	*Electrician from Industrial Automation arrives to trouble-shoot issue with extraction well pump. Wire connections inside													
2/28/2022	14:18	78	37,684,320	0.0	0	0	*well vault were corroded. Pump wires re-connected and unused wires zip-tied together. Electrician also replaced a													
2/28/2022	15:00	42	37,684,972	15.5	8,662	625,920	*blown fuse in the treatment system control panel for the building heater. Re-start pumping about 14:18.													
3/9/2022	14:20	12,920	37,889,421	15.8	22,787	706,393	*Check system.													
3/15/2022	10:52	8,432	38,021,550	15.7	22,565	699,506	0.20	0.46	<0.38	<0.20	0.19	150	3.2	<0.20	12.3	1106	8.64	11.2	1147	7.56
3/22/2022	13:52	10,260	38,182,740	15.7	22,623	701,318	*Check system.													
3/31/2022	13:59	12,967	38,377,850	15.0	21,667	671,683	*Check system.													
4/5/2022	15:07	7,268	38,486,870	15.0	21,600	648,000	*Check system. Re-fill AquaMag solution tank.													
4/14/2022	14:39	12,932	38,680,530	15.0	21,564	646,931	*Check system.													
4/19/2022	13:26	7,127	38,787,020	14.9	21,516	645,484	*Check system.													
4/26/2022	9:50	9,864	38,934,230	14.9	21,491	644,715	*Check system. Re-fill AquaMag solution tank.													
5/3/2022	14:07	10,337	39,088,273	14.9	21,459	665,230	*Check system.													
5/10/2022	13:55	10,068	39,237,731	14.8	21,377	662,674	*Check system. Re-fill AquaMag solution tank.													
5/17/2022	13:12	10,037	39,388,120	15.0	21,576	668,862	*Check system.													
5/24/2022	14:47	10,175	39,541,420	15.1	21,696	672,561	*Check system.													
5/26/2022	13:40	2,813	39,584,170	15.2	21,884	678,407	<1.92	0.74	<0.30	<0.17	<1.92	176	3.2	<0.17	16.9	1107	8.83	17.9	1148	7.93
5/31/2022	12:22	7,122	39,693,909	15.4	22,188	687,833	*Check system.													
6/9/2022	7:24	12,662	39,886,844	15.2	21,942	658,252	*System shut down due to temporary power outage.													
6/9/2022	9:45	141	39,886,844	0.0	0	0	*Re-started by Tetra Tech personnel at 9:45. Check system and correct time on Sensaphone autodialer.													
6/9/2022	11:47	122	39,888,709	15.3	22,013	660,393														

Table 1. WPDES Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Date	Time	Elapsed Time (min)	Meter Reading (gal)	Flow (gpm)	Effluent Results - WPDES parameters						Influent Results				Effluent Field Parameters			Influent Field Parameters		
					Flow (gal/day)	Flow (gal/month)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	BETX (ug/l)	TCE (ug/l)	TCA (ug/l)	Vinyl Chloride (ug/l)	Temp (deg C)	electrical conduct. (µS/cm)	pH	Temp (deg C)	electrical conduct. (µS/cm)	pH
6/13/2022	15:18	5,971	39,979,410	15.2	21,874	656,219	*System shut down due to temporary power outage.													
6/14/2022	13:45	1,347	39,979,410	0.0	0	0	*System re-started by Tetra Tech personnel.													
6/16/2022	7:20	2,495	40,017,262	15.2	21,846	655,393	*System shut down due to temporary power outage.													
6/16/2022	10:55	215	40,017,262	0.0	0	0	*System re-started by Tetra Tech personnel.													
6/28/2022	10:09	17,234	40,281,960	15.4	22,117	663,511	*Check system. Re-fill AquaMag solution tank.													
7/5/2022	10:42	10,113	40,436,280	15.3	21,974	681,187	*Check system.													
7/13/2022	11:02	11,540	40,611,900	15.2	21,914	679,348	*Check system.													
7/20/2022	9:15	9,973	40,763,370	15.2	21,871	677,993	*Check system. Re-fill AquaMag solution tank.													
7/23/2022	19:12	4,917	40,837,792	15.1	17,436	675,655	*Thunderstorm caused power outage and shut-down of remediation system at approximately 7:12 pm.													
7/24/2022	13:15	1,083	40,837,792	0.0	0	0	*Re-start by Tetra Tech personnel.													
7/24/2022	13:32	17	40,838,050	15.2	9,789	677,478														
7/26/2022	14:15	2,923	40,882,480	15.2	21,888	678,534	*Check system.													
8/2/2022	9:35	9,800	41,031,170	15.2	21,848	677,298	*Check system.													
8/9/2022	9:07	10,052	41,183,140	15.1	21,770	674,885	*Check system. Re-fill AquaMag solution tank.													
8/16/2022	8:48	10,061	41,334,860	15.1	21,715	673,172	*Check system. Take delivery of 50 gal. AquaMag.													
8/23/2022	10:42	10,194	41,487,990	15.0	21,631	670,563	*Check system.													
8/30/2022	11:47	10,145	41,640,000	15.0	21,577	668,874	*Check system. Re-fill AquaMag solution tank.													
9/6/2022	12:52	10,145	41,791,540	14.9	21,510	645,296	<0.70	0.74	<0.38	<0.20	<0.70	190	3.9	<0.20	17.1	1052	8.71	15.7	1070	7.41
9/23/2022	22:39	25,067	42,164,824	14.9	21,444	643,311	*Automatic shut-down due to low blower pressure alarm.													
9/24/2022	15:44	1,025	42,164,824	0.0	0	0	*Extraction well pump could not be re-started. Check of control panel and pump wiring by United Industrial													
9/26/2022	15:44	2,880	42,164,824	0.0	0	0	*Automation electrician determined amp draw on pump motor is too high. Pump needs to be replaced.													
10/19/2022	10:16	32,792	42,164,824	0.0	0	0	*Install new Sta-Rite 30 gpm pump in extraction well. Re-start system at 10:16.													
10/19/2022	11:13	57	42,166,038	21.3	30,669	950,754	*Automatic shut down due to high air stripper water level alarm. Re-start system at 11:31.													
10/19/2022	11:31	18	42,166,038	0.0	0	0														
10/19/2022	12:32	61	42,167,405	22.4	32,270	1,000,375														
10/25/2022	11:25	8,573	42,354,250	21.8	31,384	972,910	*Check system.													
11/1/2022	14:13	10,248	42,571,380	21.2	30,510	915,302	*Check system.													
11/8/2022	10:04	9,831	42,779,320	21.2	30,458	913,743	*Check system. Re-fill AquaMag solution tank.													
11/15/2022	10:00	10,076	42,990,630	21.0	30,199	905,974	*Check system.													
11/16/2022	14:47	1,727	43,026,792	20.9	30,152	904,573	<0.70	1.6	<0.38	<0.20	<0.70	110	2.6	<0.20	9.3	1170	8.81	9.5	1180	7.82
11/22/2022	11:30	8,443	43,203,320	20.9	30,108	903,235	*Check system.													
11/29/2022	10:50	10,040	43,412,340	20.8	29,979	899,369	*Check system. Re-fill AquaMag solution tank.													
12/6/2022	9:24	9,994	43,621,000	20.9	30,065	932,017	*Check system.													
12/13/2022	10:10	10,126	43,831,620	20.8	29,952	928,508	*Check system.													
12/20/2022	10:16	10,086	44,038,820	20.5	29,582	917,054	*Check system. Re-fill AquaMag solution tank.													
12/27/2022	10:16	10,080	44,244,510	20.4	29,384	910,913	*Check system.													
1/3/2023	11:03	10,127	44,450,370	20.3	29,272	907,435	*Check system.													

Table 1. WPDES System Effluent and Influent Discharge Monitoring Summary Sheet, Former Sta-Rite Facility, Deerfield, Wisconsin

Notes:

NM : Not Mearured

(1) On 6/8/00 sampling date, discovered pump was shut off, had been for approximately one week. Went off on Thursday evening June 1 at 6:04 pm. The flow rate for the 6/8/00 sampling date, therefore, is based on a one week flow time.

(2) System shut down for one to two days on three occasions during the month of September 2000 due to power outage and circuit overload.

(3) System was shut down for approximately one week during the first two weeks of October due to circuit overload on the air stripper blower motor. Circuit overload due to dirty air filter. Air filter cleaned and system re-started on October 13.

(4) System shut down in the evening on 10/17/00. Autodialer did not call in alarm condition so system was not checked until routine bi-monthly check on 11/7/00. When re-started on 11/7/00, a small stream of water started to pour out of air exhaust vent of air stripper after 15 minutes of operation so system was shut off. Inspection of air stripper revealed calcium carbonate scale build-up on air stripper trays. Air stripper trays were cleaned and system re-started on 11/9/00 at 12:15.

(5) System shut down on 1/4/01 due to high water level in air stripper sump alarm condition. Air stripper cleaned, but alarm condition could not be cleared. Electrician called in to trouble-shoot system controls. System re-started on 1/31/01.

(6) System shut down on Saturday, 2/9/02 at 11:40. Re-start system on Monday, 2/11/02.

(7) Turned system off on 2/25/02 to replace bag filters on groundwater dishcarge line and air filter on air stripper blower motor. System re-started the same day.

(8) System turned off for several hours on 4/3/02 to fix leak on bag filter housing.

(9) Electric Company cut power over the weekend (4/13/02). System re-started on Monday, 4/15/02.

(10) System shut down from 5/1/02 through 5/17/02. Air stripper cleaned during this period.

(11) Systen shut down on Saturday, 6/28/02. Changed bag filters and re-started sytem on Monday, 7/1/02.

(12) Lost power on Saturday, 8/17/02 due to thunder storm. Re-start system on Monday, 8/19/02.

(13) Truned system off on 11/1/02 and cleaned air stripper. Re-started system the same day.

(14) System shut down on 12/9/02. Changed filter on air stripper blower motor and re-started system the same day.

(15) System down on 1/7/03. Autodialer didn't call in alarm condition so time when system shut down is unkown. Removed scale from bottom two trays and re-start sytem. Water meter not working after system re-started.

(16) GeoTrans personnel made site visit on 1/10/03 to check water meter and other system components. Water meter was operating on 1/10/03. Removed calcium carbonate scale from discharge pipe outlet in storm sewer manhole, disconnected chemical feed pump and took it in to be serviced as it was not working. Measured pumping rate of extraction well using water meter and stop watch. Calculated pumping rate for extraction well = 26 gpm.

(17) System down on 4/21/03. Re-started system at 10:55.

(18) System shut down on 6/23/03 about 10:43 due to power outage. Re-started system at 15:48.

(19) System shut down on 6/24/03 in the morning. Cleaned air stripper air filter and re-started system the same day.

(20) Leak discovered in discharge line near extraction well manhole on 7/1/03. Shut system down pending repair of leak.

(21) Leak in discharge line repaired on 7/10/03. System re-started at 13:42.

(22) System shut down in the morning on 7/24/03. Re-started system at 13:27.

(23) System down from approximately 10/28/03 to 11/19/03 for repairs to control panel and float switch. Repairs compelted on 11/19/03, but water meter not working. Shut system down to replace portion of discharge line. System re-started on 12/3/03 at 14:00 and water meter was operating.

(24) Shut system off at 13:05 on June 15, 2004. Water was backing up into air stripper due to obstruction in underground PVC discharge line. Replaced 10-foot section of discharge line on September 21, 2004. Obstruction in discharge line was build-up of calcium carbonate scale in low spot of discharge line. Re-start system at 11:20 on September 21.

(25) System was shut down from April 13 through June 30, 2005 due malfunctioning pump switch in control panel. Pump would not operate when pump switch in control panel was in the "Auto" position. New switch ordered and installed by Pentair Water personnel. Air stripper trays also de-scaled during this time period. Float switch in air stripper sump also had to be ordered and replaced.

(26) System off when Pentair Water personnel arrived to collect monthly effluent sample on August 2. Replaced fuse in control panel and re-started system. Based on average flow rate of 25 gpm, system likely shut down on July 8.

(27) System shut down on August 15, 2005; alarm condition 2 exists (high water level in air stripper sump). Air stripper trays de-scaled and system re-started on September 9, 2005 prior to collecting monthly samples.

(28) System shut down sometime prior to November 1, 2005. Blower pressure gauge not working. New pressure gauge ordered.

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	**ES**	**5**	**70**	**100**	**200**	**7**	**5**	**850**	**0.2**	**5**	**5**		**700**	**5**	**800**	**2000**
NR 140	**PAL**	**0.5**	**7**	**20**	**40**	**0.7**	**0.5**	**85**	**0.02**	**0.5**	**0.5**		**140**	**0.5**	**160**	**400**
MW-10S	1-Apr-94	**3**	<1	<1	**25**	**1**	<1	<1	<1	<1	<1	<1	<1	<1	1	<1
	1-May-94	**8**	<4	<4	**100**	<4	26	<4	<4	<4	<4	<4	<4	<4	<4	<4
	12-Mar-96	**5**	<0.5	<0.5	**64**	**2**	<0.5	**12**	<0.5	<0.5	<0.5	<15	<0.5	<0.5	<0.5	<15
	18-Dec-96	**7.4**	<0.5	<0.5	**149**	**5.1**	<0.5	**22.8**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.7**	<0.5	<0.5
	Mar-00 through Dec-02: Could not sample, roots blocking well screen.															
	21-Mar-03	**1.6**	**8.8**	<0.50	**2.0**	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
	12-Jun-03	<0.25	<0.50	<0.50	**0.63**	**0.85**	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
(duplicate)	12-Jun-03	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
MW-10S	23-Sep-03	<0.25	<0.50	<0.50	**1.6**	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
	19-Dec-03	<0.20	<0.50	<0.50	**3.2**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	18-Mar-04	<0.20	<0.50	<0.50	**2.4**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	22-Jun-04	<0.20	<0.50	<0.50	**2.2**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	8-Sep-04	<0.20	<0.50	<0.50	**1.8**	<0.50	<0.50	**0.72**	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	28-Dec-04	<0.20	<0.50	<0.50	**2.4**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	16-Mar-05	<0.20	<0.50	<0.50	**1.5**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	29-Jun-05	<0.20	<0.50	<0.50	**2.8**	<0.50	<0.50	**0.69**	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	20-Sep-05	<0.20	<0.50	<0.50	**2.7**	<0.50	<0.50	**0.90**	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	29-Dec-05	<0.20	<0.50	<0.50	**3.2**	<0.50	<0.50	**0.92**	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	16-May-06	**0.32**	<0.50	<0.50	**5.9**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	21-Nov-06	**0.33**	<0.50	<0.50	**4.5**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	22-May-07	<0.20	<0.50	<0.50	**3.3**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	4-Dec-07	**0.77**	<0.50	<0.50	**4.5**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	29-May-08	**0.20**	<0.50	<0.50	**2.8**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-10S	25-Nov-08	**3.8**	<0.50	<0.50	**10**	<0.50	<0.50	**0.77**	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-10S	1-Apr-94	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	30
	1-May-94	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	134
	12-Mar-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	83
	18-Dec-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	185
	Mar-00 thro														NA
	21-Mar-03	**0.58**	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.50	12.98
	12-Jun-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	1.48
(duplicate)	12-Jun-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	0
MW-10S	23-Sep-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	1.6
	19-Dec-03	<0.20	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.20	<0.20	<1.0	<0.50	<0.20	<0.20	3.2
	18-Mar-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	2.4
	22-Jun-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	2.2
	8-Sep-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	2.52
	28-Dec-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	2.4
	16-Mar-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	1.5
	29-Jun-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	3.49
	20-Sep-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	3.6
	29-Dec-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	4.12
	16-May-06	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	6.22
	21-Nov-06	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	4.83
	22-May-07	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	3.3
	4-Dec-07	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	5.27
	29-May-08	<0.20	<0.50	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	3
MW-10S	25-Nov-08	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	14.57

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-10S	19-May-09	<0.20	<0.50	<0.50	**2.4**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	18-Nov-09	0.20	<0.50	<0.50	**5.0**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	13-May-10	<0.20	<0.50	<0.50	**3.5**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	16-Nov-10	<0.20	<0.50	<0.50	**4.1**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	12-May-11	<0.20	<0.50	<0.50	**3.2**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	9-Nov-11	<0.20	<0.50	<0.50	**4.1**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	10-May-12	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	12-Dec-12	<0.19	<0.12	<0.25	**4.8**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	5-Jun-13	<0.19	<0.12	<0.25	**2.9**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	12-Nov-13	**0.62**	<0.12	<0.25	**3.4**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	13-May-14	<0.19	<0.12	<0.25	**2.8**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	6-Nov-14	<0.19	<0.12	<0.25	**3.9**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	14-May-15	<0.19	<0.12	<0.25	**4.0**	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	11-Nov-15	<0.16	<0.41	<0.35	**3.3**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	18-May-16	<0.16	<0.41	<0.35	**2.7**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	28-Nov-16	<0.16	<0.41	<0.35	**4.4**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	17-May-17	<0.16	<0.41	<0.35	**2.5**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-Nov-17	<0.16	<0.41	<0.35	**3.5**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	9-May-18	<0.48	<0.41	<0.37	**4.3**	<0.36	<0.50	<0.38	<0.50	<0.43	<0.33	<0.34	<0.33	<0.74	<0.48	<0.23
	28-Nov-18	<0.16	<0.41	<0.35	**7.8**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-May-19	**0.34**	<0.41	<0.35	**2.8**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	11-Nov-19	**0.19**	<0.41	<0.35	**5.1**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-May-20	<0.16	<0.41	<0.35	**3.2**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	12-Nov-20	<0.16	<0.41	<0.35	**3.3**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-10S	13-May-21	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-10S	19-May-09	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**2.4**
	18-Nov-09	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**5.2**
	13-May-10	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**3.5**
	16-Nov-10	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**4.1**
	12-May-11	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**3.2**
	9-Nov-11	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**4.1**
	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**0**
	12-Dec-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**4.8**
	5-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**2.9**
	12-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**4.02**
	13-May-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**2.8**
	6-Nov-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**3.9**
	14-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**4**
	11-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	**3.3**
	18-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**2.7**
	28-Nov-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**4.4**
	17-May-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**2.5**
	15-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**3.5**
	9-May-18	<0.50	<0.40	<0.42	<0.35	<0.38	<2.5	<0.47	<0.31	<0.37	<2.5	<0.30	<0.62	<0.44	**4.3**
	28-Nov-18	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**7.8**
	15-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**3.14**
	11-Nov-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	0.61	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**5.9**
	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**3.2**
	12-Nov-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**3.3**
MW-10S	13-May-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	**1.7**	<0.39	<0.40	<0.37	**1.7**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	**ES**	**5**	**70**	**100**	**200**	**7**	**5**	**850**	**0.2**	**5**	**5**		**700**	**5**	**800**	**2000**
NR 140	**PAL**	**0.5**	**7**	**20**	**40**	**0.7**	**0.5**	**85**	**0.02**	**0.5**	**0.5**		**140**	**0.5**	**160**	**400**
MW-10S	21-Dec-21	<0.16	<0.41	<0.35	**2.9**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	26-May-22	<0.32	<0.47	<0.53	**2.1**	<0.58	<0.29	<0.30	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-10S	16-Nov-22	<0.16	<0.41	<0.35	**1.4**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-10I	1-Apr-94	**2800**	<1700	<1700	**69000**	**5000**	<1700	**2600**	<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700
MW-10I	1-May-94	**19000**	<2500	<2500	**54000**	**2200**	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
MW-10I	12-Mar-96	**3000**	<0.5	<0.5	**52000**	**2700**	<0.5	**3900**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	18-Dec-96	**1780**	<5	<0.5	**32500**	**2820**	<0.5	**2360**	<0.5	<0.5	<0.5	<0.5	<0.5	**37.7**	**32**	<0.5
MW-10I	11-Mar-00	**1900**	<250	<250	**51000**	**2600**	<250	**1300**	<250	<100	<250	<250	<250	<250	<100	<250
(duplicate)	11-Mar-00	**2100**	<250	<250	**56000**	**3100**	<250	**1200**	<250	<100	<250	<250	<250	<250	<100	<250
MW-10I	17-May-00	**1100**	<200	<200	**30000**	**1300**	<200	**740**	<200	<80	<200	<200	<200	<200	<80	<200
MW-10I	15-Sep-00	**640**	<100	<100	**17000**	**750**	<100	**610**	<100	<40	<100	<100	<100	<100	<40	<100
	16-Mar-01	**820**	<120	<120	**21000**	**820**	<120	**820**	<120	<50	<120	<120	<120	<120	<50	<120
	26-Jun-01	**530**	<100	<100	**13000**	**600**	<100	**640**	<100	<40	<100	<100	<100	<100	<40	<100
MW-10I	20-Sep-01	**660**	<100	<100	**14000**	**560**	<100	**830**	<100	<40	<100	<100	<100	<100	<40	<100
(duplicate)	20-Sep-01	**700**	<100	<100	**17000**	**650**	<100	**880**	<100	<40	<100	<100	<100	<100	<40	<100
MW-10I	18-Dec-01	**300**	<100	<100	**7600**	**440**	<100	**260**	<100	<40	<100	<100	<100	<100	<40	<100
	27-Mar-02	**210**	<62	<62	**3100**	**100**	<62	**140**	<62	<25	<62	<62	<62	<62	<25	<62
	6-Jun-02	**280**	<50	<50	**5300**	**190**	<50	**250**	<50	<20	<50	<50	<50	<50	<20	<50
	5-Sep-02	**150**	<25	<25	**3000**	**110**	<25	**110**	<25	<10	<25	<25	<25	<25	<10	<25
MW-10I	11-Dec-02	**120**	<12	<12	**1800**	**69**	<12	**97**	<12	<5.0	<12	<12	<12	<12	<5.0	<12
(duplicate)	11-Dec-02	**120**	<12	<12	**2000**	**79**	<12	**97**	<12	<5.0	<12	<12	<12	<12	<5.0	<12
MW-10I	20-Mar-03	**76**	<5.0	<0.50	**750**	**27**	<0.50	**62**	<0.50	<0.25	<0.50	<0.50	<0.50	**3.6**	<0.25	<0.50
(duplicate)	20-Mar-03	**75**	<5.0	<5.0	**730**	**26**	<5.0	**77**	<5.0	<2.5	<5.0	<5.0	<5.0	<5.0	<2.5	<5.0
MW-10I	12-Jun-03	**240**	<50	<50	**4500**	**110**	<50	**300**	<50	<25	<50	<50	<50	<50	<25	<50
MW-10I	23-Sep-03	**98**	<12	<12	**1300**	**52**	<12	**72**	<6.2	<6.2	<12	<12	<12	<12	<6.2	<12

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
MW-10S	21-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**2.9**
	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**2.1**
MW-10S	16-Nov-22	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**1.4**
MW-10I	1-Apr-94	<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700	**50**	<0.5	<0.5	<0.5	<0.5	**79450**
MW-10I	1-May-94	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	**75200**
MW-10I	12-Mar-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**61600**
	18-Dec-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**39529.7**
MW-10I	11-Mar-00	<250	<250	<250	<250	<250	<250	<250	<250	<250	**630 L**	<250	<250	<250	**57430**
(duplicate)	11-Mar-00	<250	<250	<250	<250	<250	<250	<250	<250	<250	**520 L**	<250	<250	<250	**62920**
MW-10I	17-May-00	<200	<200	<200	<200	<200	<200	<200	<200	<200	**660 L**	<200	<200	<200	**33800**
MW-10I	15-Sep-00	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	<200	**19000**
	16-Mar-01	<120	<120	<120	<120	<120	<120	<120	<120	<120	**920 L**	<200	<200	<200	**24380**
	26-Jun-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	**540 L**	<100	<100	<100	**15310**
MW-10I	20-Sep-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<100	**16050**
(duplicate)	20-Sep-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<100	**19230**
MW-10I	18-Dec-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	**140 L**	<100	<100	<100	**8740**
	27-Mar-02	<62	<62	<62	<62	<62	<62	<25	<25	<62	**260 L**	<62	<62	<62	**3810**
	6-Jun-02	<50	<50	<50	<50	<50	<50	<20	<20	<50	**410 L**	<50	<50	<50	**6430**
	5-Sep-02	<25	<25	<25	<25	<25	<25	<10	<10	<25	**150 L**	<25	<25	<25	**3520**
MW-10I	11-Dec-02	<12	<12	<12	<12	<12	<12	<5.0	<5.0	<12	**20 L**	<12	<12	<12	**2106**
(duplicate)	11-Dec-02	<12	<12	<12	<12	<12	<12	<5.0	<5.0	<12	**20 L**	<12	<12	<12	**2316**
MW-10I	20-Mar-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	**0.29**	<1.0	<0.50	<0.25	<0.25	**918.89**
(duplicate)	20-Mar-03	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<10	<5.0	<2.5	<2.5	**908**
MW-10I	12-Jun-03	<25	<25	<25	<25	<50	<25	<25	<25	<25	<100	<50	<25	<25	**5150**
MW-10I	23-Sep-03	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<6.2	<25	<25	<6.2	<6.2	**1522**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-10I	19-Dec-03	310	<40	<40	7200	180	<40	330	<16	<16	<40	<40	<40	<40	<16	<40
MW-10I	18-Mar-04	130	<25	<25	2000	66	<25	120	<10	<10	<25	<25	<25	<25	<10	<25
MW-10I	22-Jun-04	78	<20	<20	800	31	<20	78	<8.0	<8.0	<20	<20	<20	<20	<8.0	<20
MW-10I	8-Sep-04	65	<8.0	<8.0	680	27	<8.0	67	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
(duplicate)	8-Sep-04	61	<8.0	<8.0	620	26	<8.0	64	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
MW-10I	28-Dec-04	48	<5.0	<5.0	280	14	<5.0	43	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-10I	16-Mar-05	41	<5.0	<5.0	230	11	<5.0	44	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	29-Jun-05	51	<5.0	<5.0	310	12	<5.0	31	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-10I	20-Sep-05	41	<2.5	<2.5	220	10	<2.5	31	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	29-Dec-05	50	<2.5	<2.5	370	15	<2.5	44	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	16-May-06	50	3.5	<2.5	290	12	<2.5	27	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	21-Nov-06	48	7.2	<2.5	210	7.2	<2.5	24	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	22-May-07	51	7.1	<2.0	170	6.6	<2.0	19	<0.40	<0.80	<2.0	<2.0	<2.0	<2.0	<0.80	<2.0
	4-Dec-07	48	6.3	<1.0	130	8.7	<1.0	20	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0
	29-May-08	62	5.2	<0.50	270	15	<0.50	36	<0.20	<0.20	<0.50	<0.50	<0.50	2.4	<0.50	<0.50
	25-Nov-08	46	3.2	<2.5	210	8.5	<2.5	32	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MW-10I	19-May-09	69	<10	<10	920	30	<10	46	4.4	<4.0	<10	<10	<10	<10	<10	<10
(duplicate)	19-May-09	72	<10	<10	1000	31	<10	51	4.8	<4.0	<10	<10	<10	<10	<10	<10
MW-10I	18-Nov-09	43	<2.0	<2.0	150	6.6	<2.0	20	<0.80	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
(duplicate)	18-Nov-09	42	<2.0	<2.0	140	6.4	<2.0	20	<0.80	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-10I	13-May-10	41	1.8	<1.0	140	5.1	<1.0	12	<0.40	<0.40	<1.6	<1.0	<1.0	1.4	<1.0	<1.0
(duplicate)	13-May-10	45	1.9	<1.0	170	5.8	<1.0	13	<0.40	<0.40	<1.6	<1.0	<1.0	1.6	<1.0	<1.0
MW-10I	16-Nov-10	34	1.2	<1.0	130	5.2	<1.0	15	<0.40	<0.40	<1.6	<1.0	<1.0	1.4	<1.0	<1.0
	12-May-11	32	1.3	<1.0	90	3.2	<1.0	12	<0.40	<0.40	<1.6	<1.0	<1.0	1.1	<1.0	<1.0
MW-10I	9-Nov-11	41	1.3	<0.50	100	5.2	<0.50	19	<0.20	<0.20	<0.80	<0.50	<0.50	1.5	<0.50	<0.50

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
MW-10I	19-Dec-03	<16	<16	<20	<16	<40	<20	<16	<16	<20	<80	<40	<16	<16	**8020**
MW-10I	18-Mar-04	<10	<10	<12	<10	<25	<12	<10	<10	<12	<50	<25	<10	<10	**2316**
MW-10I	22-Jun-04	<8.0	<8.0	<10	<8.0	<20	<10	<8.0	<8.0	<10	<40	<20	<8.0	<8.0	**987**
MW-10I	8-Sep-04	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**839**
(duplicate)	8-Sep-04	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**771**
MW-10I	28-Dec-04	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<8.0	<2.0	<2.0	**385**
MW-10I	16-Mar-05	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<8.0	<2.0	<2.0	**326**
	29-Jun-05	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<8.0	<2.0	<2.0	**404**
MW-10I	20-Sep-05	<1.0	<1.0	<1.2	<1.0	<2.5	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**302**
	29-Dec-05	<1.0	<1.0	<1.2	<1.0	<2.5	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**479**
	16-May-06	<1.0	<1.0	<1.2	<1.0	<2.5	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**382.5**
	21-Nov-06	<1.0	<1.0	<1.2	<1.0	<2.5	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**296.4**
	22-May-07	<0.80	<0.80	<1.0	<0.80	<2.0	**1.8**	**0.96**	<0.80	<1.0	<4.0	<2.0	<0.80	<0.80	**256.46**
	4-Dec-07	<0.40	<0.40	<0.50	<0.40	<1.0	<0.50	<0.40	<0.40	<0.50	<2.0	<1.0	<0.40	<0.40	**213**
	29-May-08	<0.20	<0.50	<0.25	<0.20	<0.50	**0.41**	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**391.01**
	25-Nov-08	<1.0	<1.5	<1.2	<1.0	<2.5	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**299.7**
MW-10I	19-May-09	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	**1069.4**
(duplicate)	19-May-09	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	**1158.8**
MW-10I	18-Nov-09	<0.80	<1.2	<1.0	<0.80	<2.0	<1.0	<0.80	<0.80	<1.0	<4.0	<2.0	<0.80	<0.80	**219.6**
(duplicate)	18-Nov-09	<0.80	<1.2	<1.0	<0.80	<2.0	<1.0	<0.80	<0.80	<1.0	<4.0	<2.0	<0.80	<0.80	**208.4**
MW-10I	13-May-10	<0.40	<0.60	<0.50	<0.40	<1.0	<0.50	<0.40	<0.40	<0.50	<2.0	<1.0	<0.40	<0.40	**201.3**
(duplicate)	13-May-10	<0.40	<0.60	<0.50	<0.40	<1.0	<0.50	<0.40	<0.40	<0.50	<2.0	<1.0	<0.40	<0.40	**237.3**
MW-10I	16-Nov-10	<0.40	<0.60	<0.50	<0.40	<1.0	<0.50	<0.40	<0.40	<0.50	<2.0	<1.0	<0.40	<0.40	**186.8**
	12-May-11	<0.40	<0.60	<0.50	<0.40	<1.0	<0.50	<0.40	<0.40	<0.50	<2.0	<1.0	<0.40	<0.40	**139.6**
MW-10I	9-Nov-11	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**168**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-10I	10-May-12	37	1.2	<0.25	150	6.2	<0.28	12	<0.10	<0.074	<0.26	<0.34	<0.13	1.7	<0.11	<0.068
MW-10I	12-Dec-12	28	0.94	<0.25	59	3.9	<0.28	15	<0.10	<0.074	<0.26	<0.34	<0.13	1.2	<0.11	<0.068
MW-10I	5-Jun-13	29	0.84	<0.25	150	6.3	<0.28	12	<0.10	<0.074	<0.26	<0.34	<0.13	1.3	<0.11	<0.068
MW-10I	12-Nov-13	29	<0.12	<0.25	100	6.8	<0.28	15	<0.10	<0.074	<0.26	<0.34	<0.13	1.5	<0.11	<0.068
	13-May-14	29	0.89	<0.25	140	8.7	<0.28	14	<0.10	<0.074	<0.26	<0.34	<0.13	1.7	<0.11	<0.068
MW-10I	6-Nov-14	27	0.64	<0.25	120	6.7	<0.28	16	<0.10	<0.074	<0.26	<0.34	<0.13	1.8	<0.11	<0.068
	14-May-15	34	0.75	<0.25	210	8.6	<0.28	21	<0.10	<0.074	<0.26	<0.34	<0.13	2.2	<0.11	<0.068
	11-Nov-15	22	<0.41	<0.35	96	4.1	<0.39	14	<0.20	<0.15	<0.38	<0.30	<0.18	1.4	<0.15	<0.22
MW-10I	18-May-16	27	0.68	<0.35	210	6.9	<0.39	24	<0.20	<0.15	<0.38	<0.30	<0.18	1.8	<0.15	<0.22
	28-Nov-16	23	<0.41	<0.35	94	4.9	<0.39	13	<0.20	<0.15	<0.38	<0.30	<0.18	1.4	<0.15	<0.22
	17-May-17	26	0.78	<0.35	44	2.6	<0.39	9.7	<0.20	<0.15	<0.38	<0.30	<0.18	0.84	<0.15	<0.22
	15-Nov-17	26	<0.41	<0.35	51	2.2	<0.39	12	<0.20	<0.15	<0.38	<0.30	<0.18	0.95	<0.15	<0.22
	9-May-18	33	1.4	<0.37	68	2.8	<0.50	7.3	<0.50	<0.43	<0.33	<0.34	<0.33	1.1	<0.48	<0.23
	28-Nov-18	24	<0.41	<0.35	37	1.4	<0.39	6.4	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-May-19	20	0.73	<0.35	30	1.4	<0.39	6.4	<0.20	<0.15	<0.38	<0.30	<0.18	0.74	<0.15	<0.22
	11-Nov-19	23	0.93	<0.35	38	1.7	<0.39	6.5	<0.20	<0.15	<0.38	<0.30	<0.18	0.90	<0.15	<0.22
	13-May-20	29	1.3	<0.35	36	1.6	<0.39	5.2	<0.20	<0.15	<0.38	<0.30	<0.18	0.92	<0.15	<0.22
MW-10I	12-Nov-20	20	0.56	<0.35	29	1.5	<0.39	8	<0.20	<0.15	<0.38	<0.30	<0.18	0.84	<0.15	<0.22
(duplicate)	12-Nov-20	19	0.53	<0.35	28	1.3	<0.39	7.8	<0.20	<0.15	<0.38	<0.30	<0.18	0.72	<0.15	<0.22
	13-May-21	23	<0.41	<0.35	72	3.0	<0.39	10	<0.20	<0.15	<0.38	<0.30	<0.18	1.2	<0.15	<0.22
	21-Dec-21	20	0.65	<0.35	28	1.7	<0.39	7.4	<0.20	<0.15	<0.38	<0.30	<0.18	0.77	<0.15	<0.22
	26-May-22	5.5	<0.47	<0.53	8.3	0.61	<0.29	3.1	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-10I	16-Nov-22	1.5	<0.41	<0.35	2.9	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-14S	1-May-94	230000	14000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000
MW-14S	12-Mar-96	120000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-10I	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**208.1**
MW-10I	12-Dec-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**108.04**
MW-10I	5-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**199.44**
MW-10I	12-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**152.3**
	13-May-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**194.29**
MW-10I	6-Nov-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**172.14**
	14-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**276.55**
	11-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	**137.5**
MW-10I	18-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**270.38**
	28-Nov-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**136.3**
	17-May-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**83.92**
	15-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**92.15**
	9-May-18	<0.50	<0.40	<0.42	<0.35	<0.38	<2.5	<0.47	<0.31	<0.37	<2.5	<0.30	<0.62	<0.44	**113.6**
	28-Nov-18	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**68.8**
	15-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**59.27**
	11-Nov-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**71.03**
	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**74.02**
MW-10I	12-Nov-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**59.9**
(duplicate)	12-Nov-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**57.35**
	13-May-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	1.9	<0.39	<0.40	<0.37	**111.1**
	21-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**58.52**
	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**17.51**
MW-10I	16-Nov-22	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**4.4**
MW-14S	1-May-94	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	**244000**
MW-14S	12-Mar-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**120000**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-14S	18-Dec-96	248000	9490	<0.5	<0.5	26.3	<0.5	<0.5	<0.5	13.4	<5	<5	5.5	69.9	81.3	<5
MW-14SR	11-Mar-00	26000	7000	<120	<120	<120	<120	<120	<120	<50	<120	<120	<120	<120	<50	<120
	17-May-00	1000	250	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
MW-14SR	15-Sep-00	640	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<6.2	<6.2	<6.2	<5.0	<6.2	<6.2
MW-14SR	28-Dec-00	1200	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0
MW-14SR	16-Mar-01	490	91	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-14SR	26-Jun-01	850	95	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	20-Sep-01	1400	110	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-14SR	18-Dec-01	1500	120	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2
	27-Mar-02	1000	61	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2
MW-14SR	6-Jun-02	1700	85	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2	<6.2	<6.2	<6.2	<2.5	<6.2
MW-14SR	5-Sep-02	1700	100	<10	<10	<10	<10	<10	<10	<4.0	<10	<10	<10	<10	<10	<10
	12-Jun-03	920	60	<10	<10	<10	<10	<10	<10	<5.0	<10	<10	<10	<10	<5.0	<10
MW-14SR	18-Dec-03	1200	56	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
	18-Mar-04	1000	45	<12	<12	<12	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
	21-Jun-04	300	33	<4.0	<4.0	<4.0	<4.0	<4.0	<1.6	<1.6	<4.0	<4.0	<4.0	<4.0	<1.6	<4.0
	8-Sep-04	680	40	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-14SR	28-Dec-04	760	31	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	15-Mar-05	710	29	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	29-Jun-05	960	34	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	16-May-06	1200	26	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	22-Nov-06	1300	32	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
	22-May-07	900	18	<10	<10	<10	<10	<10	<4.0	<4.0	<10	<10	<10	<10	<4.0	<10
	4-Dec-07	900	16	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
MW-14SR	29-May-08	660	13	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
MW-14S	18-Dec-96	**23.4**	**21.5**	<5	<5	<5	<5	<5	<5	**49.1**	**131 L**	<5	<5	<5	**257911.4**
MW-14SR	11-Mar-00	<120	<120	<120	<120	<120	<120	<120	<120	<120	**220 L**	<120	<120	<120	**33220**
	17-May-00	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**91 L**	<6.2	<6.2	<6.2	**1341**
MW-14SR	15-Sep-00	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<5.0	<5.0	<6.2	<6.2	<6.2	**750**
MW-14SR	28-Dec-00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**9.2 L**	<5.0	<5.0	<5.0	**1409.2**
MW-14SR	16-Mar-01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**49 L**	<5.0	<5.0	<5.0	**630**
MW-14SR	26-Jun-01	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	**13 L**	<2.5	<2.5	<2.5	**958**
	20-Sep-01	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	**1510**
MW-14SR	18-Dec-01	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<2.5	<6.2	**16 L**	<6.2	<6.2	<6.2	**1636**
	27-Mar-02	<6.2	<6.2	<6.2	<6.2	<6.2	**28**	**7.0**	<2.5	<6.2	**23 L**	<6.2	<6.2	<6.2	**1119**
MW-14SR	6-Jun-02	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<2.5	<6.2	**49 L**	<6.2	<6.2	<6.2	**1834**
MW-14SR	5-Sep-02	<10	<10	<10	<10	<10	<10	<4.0	<4.0	<10	**53 L**	<10	<10	<10	**1853**
	12-Jun-03	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<20	<10	<5.0	<5.0	**980**
MW-14SR	18-Dec-03	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**1256**
	18-Mar-04	<5.0	<5.0	<6.2	<5.0	<5.0	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**1045**
	21-Jun-04	<1.6	<1.6	<2.0	<1.6	<4.0	<2.0	<1.6	<1.6	<2.0	<8.0	<8.0	<1.6	<1.6	**333**
	8-Sep-04	<1.0	<1.0	<1.2	<1.0	<1.0	<1.2	<1.0	<1.0	<1.2	<5.0	<2.5	<1.0	<1.0	**720**
MW-14SR	28-Dec-04	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**791**
	15-Mar-05	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**739**
	29-Jun-05	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**994**
	16-May-06	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**1226**
	22-Nov-06	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**1332**
	22-May-07	<4.0	<4.0	<5.0	<4.0	<10	**6.4**	**19**	**8.0**	<5.0	<20	<10	<4.0	<4.0	**951.4**
	4-Dec-07	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**916**
MW-14SR	29-May-08	<3.2	<8.0	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**673**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-14SR	25-Nov-08	860	16	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	19-May-09	580	8.3	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	18-Nov-09	990	12	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-14SR	13-May-10	820	9.1	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
MW-14SR	16-Nov-10	780	9.2	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-14SR	12-May-11	600	7.6	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-14SR	9-Nov-11	780	8.2	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10-May-12	690	7.3	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-14SR	12-Dec-12	740	7.9	<0.50	<0.40	<0.62	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
	5-Jun-13	470	3.9	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	12-Nov-13	610	8.1	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-14SR	13-May-14	460	6.2	<0.50	<0.40	<0.62	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
	7-Nov-14	620	5.5	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-14SR	14-May-15	520	5.6	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	12-Nov-15	530	5.2	<0.70	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	18-May-16	480	4.0	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	28-Nov-16	710	5.2	<0.70	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-14SR	17-May-17	490	2.5	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-Nov-17	500	2.4	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	**0.44**	<0.15	<0.22
	9-May-18	360	<4.1	<3.7	<3.7	<3.6	<5.0	<3.8	<5.0	<4.3	<3.3	<3.4	<3.3	<7.4	**6.8**	<2.3
	29-Nov-18	380	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-May-19	280	1.2	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	11-Nov-19	350	1.5	<0.35	**0.42**	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-May-20	270	2.8	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-14SR	12-Nov-20	330	1.2	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-14SR	25-Nov-08	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**876**
	19-May-09	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**588.3**
	18-Nov-09	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**1002**
MW-14SR	13-May-10	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**829.1**
MW-14SR	16-Nov-10	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**789.2**
MW-14SR	12-May-11	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**607.6**
MW-14SR	9-Nov-11	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**788.2**
	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.25	<0.17	**697.3**
MW-14SR	12-Dec-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**747.9**
	5-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**473.9**
	12-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**618.1**
MW-14SR	13-May-14	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**466.2**
	7-Nov-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**625.5**
MW-14SR	14-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**525.6**
	12-Nov-15	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.92	<0.74	**535.2**
	18-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**484**
	28-Nov-16	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**715.2**
MW-14SR	17-May-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**492.5**
	15-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**502.84**
	9-May-18	<5.0	<4.0	<4.2	<3.5	<3.8	<25	<4.7	<3.1	<3.7	<25	<3.0	<6.2	<4.4	**366.8**
	29-Nov-18	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**380**
	15-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**281.2**
	11-Nov-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	**0.63**	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**352.55**
	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**272.8**
MW-14SR	12-Nov-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**331.2**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

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WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-14SR	12-May-21	270	0.60	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	21-Dec-21	330	2.8	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	26-May-22	291	1.8	<0.53	<0.30	<0.58	<0.29	<0.30	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-14SR	16-Nov-22	330	1.4	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-14I	1-May-94	290000	13000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<12000	<0.5	<12000	<12000
MW-14I	12-Mar-96	100000	14000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-14I	12-Mar-96	77000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	18-Dec-96	51800	10800	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.1	<0.5	<0.5	9.4	108	46.5	23
MW-14I	18-Dec-96	53700	9520	29.5	<0.5	<0.5	<0.5	<0.5	<0.5	14.8	<0.5	<0.5	6.3	93.2	56.1	18.5
MW-14IR	11-Mar-00	190000	17000	<2500	<2500	<2500	<2500	<2500	<2500	<1000	<2500	<2500	<2500	<2500	<1000	<2500
	17-May-00	150000	13000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
MW-14IR	14-Sep-00	84000	7500	<500	<500	<500	<500	<500	<500	<200	<500	<500	<500	<500	<500	<500
MW-14IR	28-Dec-00	99000	7500	<500	<500	<500	<500	<500	<500	<200	<500	<500	<500	<500	<200	<500
	16-Mar-01	53000	3700	<250	<250	<250	<250	<250	<250	<100	<250	<250	<250	<250	<100	<250
MW-14IR	27-Jun-01	31000	1700	<250	<250	<250	<250	<250	<250	<100	<250	<250	<250	<250	<100	<250
MW-14IR	20-Sep-01	28000	1500	<120	<120	<120	<120	<120	<120	<50	<120	<120	<120	<120	<50	<120
MW-14IR	18-Dec-01	16000	860	<100	<100	<100	<100	<100	<100	<40	<100	<100	<100	<100	<40	<100
(duplicate)	18-Dec-01	14000	800	<100	<100	<100	<100	<100	<100	<40	<100	<100	<100	<100	<40	<100
MW-14IR	27-Mar-02	11000	560	<120	<120	<120	<120	<120	<120	<50	<120	<120	<120	<120	<50	<120
MW-14IR	6-Jun-02	11000	560	<120	<120	<120	<120	<120	<120	<50	<120	<120	<120	<120	<50	<120
	5-Sep-02	7900	440	<50	<50	<50	<50	<50	<50	<20	<50	<50	<50	<50	<20	<50
	11-Dec-02	5680	298	<50	<50	<50	<50	<50	<50	<20	<50	<50	<50	<50	<20	<50
	20-Mar-03	5000	270	1.3	0.78	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	6.2	<0.25	<0.50
	12-Jun-03	3000	170	<50	<50	<50	<50	<50	<50	<25	<50	<50	<50	<50	<25	<50
MW-14IR	22-Sep-03	3100	150	<25	<25	<25	<25	<25	<12	<12	<25	<25	<25	<25	<12	<25

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
MW-14SR	12-May-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**270.6**
	21-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**332.8**
	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**292.8**
MW-14SR	16-Nov-22	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**331.4**
MW-14I	1-May-94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<12000	<0.5	<0.5	<0.5	<0.5	**303000**
MW-14I	12-Mar-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**114000**
MW-14I	12-Mar-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**87000**
	18-Dec-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**55.7 L**	<0.5	**5**	<0.5	**62854.7**
MW-14I	18-Dec-96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**55.3 L**	<0.5	<0.5	<0.5	**63493.7**
MW-14IR	11-Mar-00	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	**5900 L**	<2500	<2500	<2500	**212900**
	17-May-00	<500	<500	<500	<500	<500	<500	<500	<500	<500	**10000 L**	<500	<500	<500	**173000**
MW-14IR	14-Sep-00	<500	<500	<500	<500	<500	<500	<500	<500	<500	**680 L**	<500	<500	<500	**92180**
MW-14IR	28-Dec-00	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	**106500**
	16-Mar-01	<250	<250	<250	<250	<250	<250	<250	<250	<250	**1900 L**	<250	<250	<250	**58600**
MW-14IR	27-Jun-01	<250	<250	<250	<250	<250	<250	<100	<100	<250	**1500 L**	<250	<250	<250	**34200**
MW-14IR	20-Sep-01	<120	<120	<120	<120	<120	<120	<50	<50	<120	<120	<120	<120	<120	**29500**
MW-14IR	18-Dec-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<100	**16860**
(duplicate)	18-Dec-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<100	**14800**
MW-14IR	27-Mar-02	<120	<120	<120	<120	<120	**160**	<120	<120	<120	**500 L**	<120	<120	<120	**12220**
MW-14IR	6-Jun-02	<120	<120	<120	<120	<120	<120	<120	<120	<120	**1100 L**	<120	<120	<120	**12660**
	5-Sep-02	<50	<50	<50	<50	<50	<50	<20	<20	<50	**330 L**	<50	<50	<50	**8670**
	11-Dec-02	<50	<50	<50	<50	<50	**54**	<20	<20	<50	<50	<50	<50	<50	**6032**
	20-Mar-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	**1.3**	<1.0	<0.50	**0.78**	<0.50	**5280.36**
	12-Jun-03	<25	<25	<25	<25	<50	<25	<25	<25	<25	<100	<50	<25	<25	**3170**
MW-14IR	22-Sep-03	<12	<12	<12	<12	<25	<12	<12	<12	<12	<50	<25	<12	<12	**3250**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-14IR	18-Dec-03	2300	100	<25	<25	<25	<25	<25	<25	<10	<25	<25	<25	<25	<10	<25
	17-Mar-04	2500	100	<25	<25	<25	<25	<25	<25	<10	<25	<25	<25	<25	<10	<25
	21-Jun-04	610	43	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
	8-Sep-04	780	52	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
	28-Dec-04	1300	56	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-14IR	15-Mar-05	1200	54	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
MW-14IR	29-Jun-05	1500	57	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<3.2	<8.0
	20-Sep-05	2200	88	<16	<16	<16	<16	<16	<6.4	<6.4	<16	<16	<16	<16	<6.4	<16
MW-14IR	29-Dec-05	2200	92	<16	<16	<16	<16	<16	<6.4	<6.4	<16	<16	<16	<16	<6.4	<16
MW-14IR	16-May-06	1100	35	<16	<16	<16	<16	<16	<6.4	<6.4	<16	<16	<16	<16	<6.4	<16
	21-Nov-06	1300	38	<16	<16	<16	<16	<16	<6.4	<6.4	<16	<16	<16	<16	<6.4	<16
	22-May-07	1100	28	<12	<12	<12	<12	<12	<5.0	<5.0	<12	<12	<12	<16	<5.0	<12
MW-14IR	4-Dec-07	1200	26	<10	<10	<10	<10	<10	<4.0	<4.0	<10	<10	<10	<10	<4.0	<10
	29-May-08	1100	25	<12	<12	<12	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<12	<12
MW-14IR	25-Nov-08	980	31	<10	<10	<10	<10	<10	<4.0	<4.0	<10	<10	<10	<10	<10	<10
	19-May-09	870	21	<10	<10	<10	<10	<10	<4.0	<4.0	<10	<10	<10	<10	<10	<10
MW-14IR	18-Nov-09	850	14	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	8.2	130	<8.0	<8.0	<8.0	<8.0
	13-May-10	730	11	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
	16-Nov-10	880	12	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-14IR	12-May-11	740	11	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9-Nov-11	720	12	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10-May-12	810	11	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	1.2	<0.11	<0.068
	12-Dec-12	830	15	<0.50	<0.40	<0.62	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	1.6	<0.22	<0.14
	5-Jun-13	420	6.3	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.59	<0.11	<0.068
MW-14IR	12-Nov-13	570	9.9	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	1.1	<0.11	<0.068

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-14IR	18-Dec-03	<10	<10	<12	<10	<25	<12	<10	<10	<12	<50	<25	<10	<10	2400
	17-Mar-04	<10	<10	<12	<10	<25	<12	<10	<10	<12	<50	<25	<10	<10	2600
	21-Jun-04	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	653
	8-Sep-04	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	832
	28-Dec-04	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	1356
MW-14IR	15-Mar-05	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	1254
MW-14IR	29-Jun-05	<3.2	<3.2	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	1557
	20-Sep-05	<6.4	<6.4	<8.0	<6.4	<16	<8.0	<6.4	<6.4	<8.0	<32	<16	<6.4	<6.4	2288
MW-14IR	29-Dec-05	<6.4	<6.4	<8.0	<6.4	<16	<8.0	<6.4	<6.4	<8.0	<32	<16	<6.4	<6.4	2292
MW-14IR	16-May-06	<6.4	<6.4	<8.0	<6.4	<16	<8.0	<6.4	<6.4	<8.0	<32	<16	<6.4	<6.4	1135
	21-Nov-06	<6.4	<6.4	<8.0	<6.4	<16	<8.0	<6.4	<6.4	<8.0	<32	<16	<6.4	<6.4	1338
	22-May-07	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<6.4	<5.0	1128
MW-14IR	4-Dec-07	<4.0	<4.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<10	1226
	29-May-08	<12	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	1125
MW-14IR	25-Nov-08	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	1011
	19-May-09	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	891
MW-14IR	18-Nov-09	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	1002.2
	13-May-10	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	741
	16-Nov-10	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	892
MW-14IR	12-May-11	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	751
	9-Nov-11	<2.0	<3.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	732
	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	822.2
	12-Dec-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	846.6
	5-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	426.89
MW-14IR	12-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	581

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-14IR	13-May-14	400	6.1	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.68	<0.11	<0.068
	7-Nov-14	560	7.2	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	1.0	<0.11	<0.068
	14-May-15	510	9.4	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	1.0	<0.11	<0.068
MW-14IR	12-Nov-15	530	7.0	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	18-May-16	450	6.5	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.85	<0.15	<0.22
MW-14IR	28-Nov-16	620	8.1	<0.70	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-14IR	17-May-17	500	5.7	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.89	<0.15	<0.22
	15-Nov-17	620	7.2	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	1.1	<0.15	<0.22
MW-14IR	9-May-18	600	8.9	<3.7	<3.7	<3.6	<5.0	<3.8	<5.0	<4.3	<3.3	<3.4	<3.3	<7.4	<4.8	<2.3
MW-14IR	29-Nov-18	540	7.0	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	15-May-19	400	4.4	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.90	<0.15	<0.22
	11-Nov-19	450	5.2	<0.35	0.40	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	1.1	<0.15	<0.22
MW-14IR	13-May-20	320	6.8	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.95	<0.15	<0.22
	12-Nov-20	420	5.6	<0.70	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	1.2	<0.30	<0.44
	12-May-21	350	7.1	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.75	<0.15	<0.22
	21-Dec-21	520	12	<0.35	0.50	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	1.1	<0.15	<0.22
	26-May-22	290	4.8	<0.53	<0.30	<0.58	<0.29	<0.30	<0.17	<0.30	<0.37	<0.41	<0.33	0.68	<0.29	<1.05
MW-14IR	16-Nov-22	470	8.4	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	1.0	<0.15	<0.22
MW-15D	20-Apr-99	1100	3900	<39	<28	<25	<20	<73	<46	<31	<110	<110	<38	<63	<39	<110
	10-Mar-00	1500	7200	<40	<40	<40	<40	<40	<40	<16	<40	<40	<40	<40	<16	<40
MW-15D	16-May-00	2200	11000	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62
MW-15D	15-Sep-00	2600	14000	<50	<50	<50	<50	<50	<50	<20	<50	<50	<50	<50	<20	<50
	15-Mar-01	2900	14000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
MW-15D	26-Jun-01	2200	13000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
(duplicate)	26-Jun-01	2100	13000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-14IR	13-May-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**406.78**
	7-Nov-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**568.2**
	14-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**520.4**
MW-14IR	12-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	**537**
	18-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**457.35**
MW-14IR	28-Nov-16	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**628.1**
MW-14IR	17-May-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**506.59**
	15-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**628.3**
MW-14IR	9-May-18	<5.0	<4.0	<4.2	<3.5	<3.8	<25	<4.7	<3.1	<3.7	<25	<3.0	<6.2	<4.4	**608.9**
MW-14IR	29-Nov-18	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**547**
	15-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**405.3**
	11-Nov-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**456.7**
MW-14IR	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**327.75**
	12-Nov-20	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**426.8**
	12-May-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**357.85**
	21-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**533.6**
	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**295.48**
MW-14IR	16-Nov-22	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**479.4**
MW-15D	20-Apr-99	<15	<15	<15	<15	<15	<15	<15	<15	<15	<87	<15	<15	<15	**5000**
	10-Mar-00	<40	<40	<40	<40	<40	<40	<40	<40	<40	**0.49 L**	<40	<40	<40	**8700.49**
MW-15D	16-May-00	<62	<62	<62	<62	<62	<62	<62	<62	<62	**1200 L**	<62	<62	<62	**14400**
MW-15D	15-Sep-00	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**16600**
	15-Mar-01	<62	<62	<62	<62	<62	<62	<62	<62	<62	**470 L**	<62	<62	<62	**17370**
MW-15D	26-Jun-01	<62	<62	<62	<62	<62	<62	<25	<25	<62	**330 L**	<62	<62	<62	**15530**
(duplicate)	26-Jun-01	<62	<62	<62	<62	<62	<62	<25	<25	<62	**340 L**	<62	<62	<62	**15440**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-15D	19-Sep-01	2800	14000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
	28-Mar-02	2000	11000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
	6-Jun-02	7500	17000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
	5-Sep-02	2300	14000	<100	<100	<100	<100	<100	<100	<40	<100	<100	<100	<100	<40	<100
	17-Dec-02	2000	12000	<62	<62	<62	<62	<62	<62	<25	<62	<62	<62	<62	<25	<62
	21-Mar-03	2500	11000	<50	<50	<50	<50	<50	<50	<25	<50	<50	<50	<50	<25	<50
	12-Jun-03	2000	10000	<100	<100	<100	<100	<100	<100	<50	<100	<100	<100	<100	<50	<100
MW-15D	23-Sep-03	2500	12000	150	<50	<50	<50	<50	<25	<25	<50	<50	<50	<50	<25	<50
MW-15D	18-Dec-03	2700	13000	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
	18-Mar-04	2400	13000	<120	<120	<120	<120	<120	<50	<50	<120	<120	<120	<120	<50	<120
	22-Jun-04	2400	12000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
MW-15D	8-Sep-04	2200	12000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
MW-15D	28-Dec-04	2600	11000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
(duplicate)	28-Dec-04	2500	11000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
MW-15D	16-Mar-05	2200	13000	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
(duplicate)	16-Mar-05	2300	13000	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
MW-15D	30-Jun-05	1100	5200	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
	20-Sep-05	2000	12000	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<20	<50
(duplicate)	20-Sep-05	1900	11000	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<20	<50
MW-15D	29-Dec-05	2200	15000	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
MW-15D	17-May-06	1900	15000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
(duplicate)	17-May-06	2400	18000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100
MW-15D	21-Nov-06	1700	16000	<120	<120	<120	<120	<120	<50	<50	<120	<120	<120	<120	<50	<120
(duplicate)	21-Nov-06	1800	17000	<120	<120	<120	<120	<120	<50	<50	<120	<120	<120	<120	<50	<120
MW-15D	23-May-07	990	11000	<100	<100	<100	<100	<100	<40	<40	<100	<100	<100	<100	<40	<100

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

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WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-15D	19-Sep-01	<62	<62	<62	<62	<62	<62	<25	<25	<62	<62	<62	<62	<62	16800
	28-Mar-02	<62	<62	<62	<62	<62	<62	<25	<25	<62	<62	<62	<62	<62	13000
	6-Jun-02	<62	<62	<62	<62	<62	<62	<25	<25	<62	510 L	<62	<62	<62	25010
	5-Sep-02	<100	<100	<100	<100	<100	<100	<40	<40	<100	610 L	<100	<100	<100	16910
	17-Dec-02	<62	<62	<62	<62	<62	<62	<25	<25	<62	<62	<62	<62	<62	14000
	21-Mar-03	<25	<25	<25	<25	<50	<25	<25	<25	<25	<100	<50	<25	<25	13500
	12-Jun-03	<50	<50	<50	<50	<100	<50	<50	<50	<50	<200	<100	<50	<50	12000
MW-15D	23-Sep-03	<25	<25	<25	<25	<50	<25	<25	<25	<25	<100	<50	<25	<25	14650
MW-15D	18-Dec-03	<32	<32	<40	<32	<80	<40	<32	<32	<40	<160	<80	<32	<32	15700
	18-Mar-04	<50	<50	<62	<50	<120	<62	<50	<50	<62	<250	<120	<50	<50	15400
	22-Jun-04	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	14400
MW-15D	8-Sep-04	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	14200
MW-15D	28-Dec-04	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	13600
(duplicate)	28-Dec-04	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	13500
MW-15D	16-Mar-05	<32	<32	<40	<32	<80	<40	<32	<32	<40	<160	<80	<32	<32	15200
(duplicate)	16-Mar-05	<32	<32	<40	<32	<80	<40	<32	<32	<40	<160	<80	<32	<32	15300
MW-15D	30-Jun-05	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	6300
	20-Sep-05	<20	<20	<25	<20	<50	<25	<20	<20	<20	<100	<50	<20	<20	14000
(duplicate)	20-Sep-05	<20	<20	<25	<20	<50	<25	<20	<20	<20	<100	<50	<20	<20	12900
MW-15D	29-Dec-05	<32	<32	<40	<32	<80	<40	<32	<32	<40	<160	<80	<32	<32	17200
MW-15D	17-May-06	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	16900
(duplicate)	17-May-06	<40	<40	<50	<40	<100	<50	<40	<40	<50	<200	<100	<40	<40	20400
MW-15D	21-Nov-06	<50	<50	<62	<50	<120	<62	<50	<50	<62	<250	<120	<50	<50	17700
(duplicate)	21-Nov-06	<50	<50	<62	<50	<120	<62	<50	<50	<62	<250	<120	<50	<50	18800
MW-15D	23-May-07	<40	<40	<50	<40	<100	<50	<50	<40	<50	<200	<100	<40	<40	11990

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

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WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-15D	5-Dec-07	810	8400	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
(duplicate)	5-Dec-07	800	8400	<80	<80	<80	<80	<80	<32	<32	<80	<80	<80	<80	<32	<80
MW-15D	30-May-08	990	8400	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<50	<50
(duplicate)	30-May-08	710	7900	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<50	<50
MW-15D	25-Nov-08	1600	12000	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<50	<50
	20-May-09	820	4800	<20	<20	<20	<20	<20	<8.0	<8.0	<20	<20	<20	<20	<20	<20
	17-Nov-09	1100	6100	<50	<50	<50	<50	<50	<20	<20	<50	<50	<50	<50	<50	<50
MW-15D	13-May-10	690	3300	<25	<25	<25	<25	<25	<10	<10	<40	<25	<25	<25	<25	<25
MW-15D	16-Nov-10	540	1200	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
(duplicate)	16-Nov-10	460	880	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
MW-15D	12-May-11	500	1800	<8.0	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
(duplicate)	12-May-11	390	2200	29	<8.0	<8.0	<8.0	<8.0	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
MW-15D	10-Nov-11	650	2900	<10	<10	<10	<10	<10	<4.0	<4.0	<16	<10	<10	<10	<10	<10
(duplicate)	10-Nov-11	670	3000	<10	<10	<10	<10	<10	<4.0	<4.0	<16	<10	<10	<10	<10	<10
MW-15D	10-May-12	460	660	1.8	<0.20	1.6	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.67	<0.11	<0.068
(duplicate)	10-May-12	460	710	1.9	<10	1.8	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.72	<0.11	<0.068
MW-15D	29-Nov-12	350	1400	2.7	<0.40	3.6	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
(duplicate)	29-Nov-12	340	1300	2.1	<0.40	3.6	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
MW-15D	4-Jun-13	360	1400	2.8	1.2	2.6	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
(duplicate)	4-Jun-13	320	930	1.5	0.99	1.9	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-15D	11-Nov-13	500	1200	2.8	<1.0	4.4	<1.4	<0.95	<0.50	<0.37	<1.3	<1.7	<0.65	<0.85	<0.55	<0.34
(duplicate)	11-Nov-13	500	1300	2.6	<1.0	4.3	<1.4	<0.95	<0.50	<0.37	<1.3	<1.7	<0.65	<0.85	<0.55	<0.34
MW-15D	13-May-14	380	510	2.0	<0.40	1.4	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
(duplicate)	13-May-14	370	500	1.9	<0.40	1.5	<0.56	<0.38	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
MW-15D	6-Nov-14	960	2700	5.8	<1.0	8.6	<1.4	<0.95	<0.50	<0.37	<1.3	<1.7	<0.65	<0.85	<0.55	<0.34

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

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WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-15D	5-Dec-07	<32	<32	<40	<32	<80	<40	<40	<32	<32	<160	<80	<32	<32	9210
(duplicate)	5-Dec-07	<32	<32	<40	<32	<80	<40	<40	<32	<32	<160	<80	<32	<32	9200
MW-15D	30-May-08	<20	<50	<25	<20	<50	<25	<20	<20	<25	<100	<50	<20	<20	9390
(duplicate)	30-May-08	<20	<50	<25	<20	<50	<25	<20	<20	<25	<100	<50	<20	<20	8610
MW-15D	25-Nov-08	<20	<30	<25	<20	<50	<25	<20	<20	<20	<100	<50	<20	<20	13600
	20-May-09	<8.0	<12	<10	<8.0	<20	<10	<8.0	<8.0	<10	<40	<20	<8.0	<8.0	5620
	17-Nov-09	<20	<30	<25	<20	<50	<25	<20	<20	<25	<100	<50	<20	<20	7200
MW-15D	13-May-10	<10	<15	<13	<10	<25	<13	<10	<10	<13	<50	<25	<10	<10	3990
MW-15D	16-Nov-10	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	1740
(duplicate)	16-Nov-10	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	1340
MW-15D	12-May-11	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	2300
(duplicate)	12-May-11	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	2619
MW-15D	10-Nov-11	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	3550
(duplicate)	10-Nov-11	<4.0	<6.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	3670
MW-15D	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	1124.07
(duplicate)	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	1174.42
MW-15D	29-Nov-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	1756.3
(duplicate)	29-Nov-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	1645.7
MW-15D	4-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	1766.6
(duplicate)	4-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	1254.39
MW-15D	11-Nov-13	<1.0	<0.90	<0.75	<0.70	<0.65	<1.2	<0.70	<0.90	<1.4	<3.4	<1.2	<1.2	<0.85	1707.2
(duplicate)	11-Nov-13	<1.0	<0.90	<0.75	<0.70	<0.65	<1.2	<0.70	<0.90	<1.4	<3.4	<1.2	<1.2	<0.85	1806.9
MW-15D	13-May-14	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	893.4
(duplicate)	13-May-14	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	873.4
MW-15D	6-Nov-14	<1.0	<0.90	<0.75	<0.70	<0.65	<0.80	<0.70	<0.90	<1.4	<3.4	<1.2	<1.2	<0.85	3674.4

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
(duplicate)	6-Nov-14	990	2700	6.6	<1.0	8.6	<1.4	<0.95	<0.50	<0.37	<1.3	<1.7	<0.65	<0.85	<0.55	<0.34
MW-15D	13-May-15	390	450	2.6	<0.20	1.7	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.76	<0.11	<0.068
(duplicate)	13-May-15	390	420	2.6	<0.20	1.6	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	0.87	<0.11	<0.068
MW-15D	11-Nov-15	370	400	2.6	0.83	1.2	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.63	<0.15	<0.22
(duplicate)	11-Nov-15	330	350	2.4	0.67	1.2	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-15D	17-May-16	390	500	3.0	<0.38	1.4	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.61	<0.15	<0.22
(duplicate)	17-May-16	400	490	2.1	<0.38	1.3	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	0.58	<0.15	<0.22
MW-15D	29-Nov-16	500	460	2.8	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	29-Nov-16	440	410	2.9	<0.76	<0.78	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	18-May-17	230	1100	3.1	<1.9	2.7	<2.0	<2.1	<1.0	<0.73	<1.9	<1.5	<0.92	<1.9	<0.76	<1.1
(duplicate)	18-May-17	280	1100	3.2	<1.9	2.9	<2.0	<2.1	<1.0	<0.73	<1.9	<1.5	<0.92	<1.9	<0.76	<1.1
MW-15D	16-Nov-17	200	1100	2.5	<0.76	2.2	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	16-Nov-17	210	1200	2.1	<0.76	2.2	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	9-May-18	170	780	<7.4	<7.4	<7.2	<10	<7.6	<10	<8.6	<6.6	<6.8	<6.6	<15	<9.6	<4.6
(duplicate)	9-May-18	190	850	<7.4	<7.4	<7.2	<10	<7.6	<10	<8.6	<6.6	<6.8	<6.6	<15	<9.6	14
MW-15D	28-Nov-18	130	960	1.5	<0.76	1.9	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	28-Nov-18	150	910	1.2	<0.76	1.9	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	13-May-19	170	780	2.8	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
(duplicate)	13-May-19	160	820	1.6	<0.38	1.6	<0.39	0.49	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	0.20	<0.22
MW-15D	13-Nov-19	170	900	1.6	<0.76	2.2	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	13-Nov-19	180	810	1.6	<0.76	2.2	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	13-May-20	160	730	5.1	<0.38	1.9	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
(duplicate)	13-May-20	170	750	3.0	<0.38	2.0	<0.39	0.51	0.23	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	12-Nov-20	270	760	1.7	<0.76	2.8	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	13-May-21	150	950	2.6	<0.76	1.9	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
(duplicate)	6-Nov-14	<1.0	<0.90	<0.75	<0.70	<0.65	<0.80	<0.70	<0.90	<1.4	<3.4	<1.2	<1.2	<0.85	**3705.2**
MW-15D	13-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**845.06**
(duplicate)	13-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	**815.07**
MW-15D	11-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	**775.26**
(duplicate)	11-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	**684.27**
MW-15D	17-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**895.01**
(duplicate)	17-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**893.98**
MW-15D	29-Nov-16	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**962.8**
(duplicate)	29-Nov-16	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	**15 L**	<0.79	<0.80	<0.74	**867.9**
MW-15D	18-May-17	<1.9	<1.6	<2.0	<1.9	<2.1	<1.7	<1.8	<1.3	<2.3	<8.2	<2.0	<2.0	<1.9	**1335.8**
(duplicate)	18-May-17	<1.9	<1.6	<2.0	<1.9	<2.1	<1.7	<1.8	<1.3	<2.3	<8.2	<2.0	<2.0	<1.9	**1386.1**
MW-15D	16-Nov-17	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.92	<3.3	<0.79	<0.80	<0.74	**1304.7**
(duplicate)	16-Nov-17	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.92	<3.3	<0.79	<0.80	<0.74	**1414.3**
MW-15D	9-May-18	<10	<8.0	<8.4	<7.0	<7.6	<50	<9.4	<6.2	<7.4	<50	<6.0	<12	<8.8	**950**
(duplicate)	9-May-18	<10	<8.0	<8.4	<7.0	<7.6	<50	<9.4	<6.2	<7.4	<50	<6.0	<12	<8.8	**1054**
MW-15D	28-Nov-18	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1093.4**
(duplicate)	28-Nov-18	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1063.1**
MW-15D	13-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**952.8**
(duplicate)	13-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**983.89**
MW-15D	13-Nov-19	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1073.8**
(duplicate)	13-Nov-19	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**993.8**
MW-15D	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**897**
(duplicate)	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**925.74**
	12-Nov-20	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1034.5**
MW-15D	13-May-21	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	**3.6**	<0.79	<0.80	<0.74	**1108.1**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
(duplicate)	13-May-21	**160**	**890**	**2.1**	<0.76	**2.3**	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	21-Dec-21	**160**	**850**	**1.4**	<0.76	**2.4**	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	21-Dec-21	**150**	**930**	**1.2**	<0.76	**1.8**	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-15D	26-May-22	**31.8**	**554**	**2.0**	<0.30	**0.77**	<0.29	<0.30	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
(duplicate)	26-May-22	**105**	**632**	**1.6**	<0.30	**1.8**	<0.29	0.41	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-15D	16-Nov-22	**200**	**1000**	**2.1**	<0.76	**3.2**	<0.78	<0.82	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
(duplicate)	16-Nov-22	**230**	**1100**	**2.2**	<0.38	**2.7**	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-16D	20-Apr-99	<0.49	**0.37**	<0.39	<0.28	<0.73	<0.20	<0.25	<0.46	<0.31	<1.1	<1.1	<0.38	<0.63	**0.56**	<1.1
	7-Mar-00	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
	16-May-00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	15-Sep-00	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.50	<0.50	<0.50	<0.25	**0.16 B**	<0.50
MW-16D	26-Jun-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	**0.16 B**	<0.25
MW-16D	19-Sep-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
	18-Dec-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
	27-Mar-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
	6-Jun-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
	6-Sep-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
MW-16D	11-Dec-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25
MW-16D	20-Mar-03	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
	12-Jun-03	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
	22-Sep-03	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50
	18-Dec-03	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
MW-16D	17-Mar-04	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	21-Jun-04	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
MW-16D	8-Sep-04	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
(duplicate)	13-May-21	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1054.4**
MW-15D	21-Dec-21	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1013.8**
(duplicate)	21-Dec-21	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1083**
MW-15D	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**588.57**
(duplicate)	26-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	**740.81**
MW-15D	16-Nov-22	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1205.3**
(duplicate)	16-Nov-22	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**1334.9**
MW-16D	20-Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	<0.15	<0.87	ND	ND	ND	**0.93**
	7-Mar-00	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0
	16-May-00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**9.3 L**	<0.50	<0.50	<0.50	**9.3**
	15-Sep-00	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.12**	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0.28**
MW-16D	26-Jun-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0.16**
MW-16D	19-Sep-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0**
	18-Dec-01	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	**3.1 L**	<0.25	<0.25	<0.25	**3.1**
	27-Mar-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0**
	6-Jun-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0**
	6-Sep-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	**0**
MW-16D	11-Dec-02	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	**0.58 L**	<0.25	<0.25	<0.25	**0.58**
MW-16D	20-Mar-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	**0**
	12-Jun-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	**0**
	22-Sep-03	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.50	<0.25	<0.25	**0**
	18-Dec-03	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**0**
MW-16D	17-Mar-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**0**
	21-Jun-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	**0**
MW-16D	8-Sep-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	**1.6 L**	<0.50	<0.20	<0.20	**1.6**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	**ES**	**5**	**70**	**100**	**200**	**7**	**5**	**850**	**0.2**	**5**	**5**		**700**	**5**	**800**	**2000**
NR 140	**PAL**	**0.5**	**7**	**20**	**40**	**0.7**	**0.5**	**85**	**0.02**	**0.5**	**0.5**		**140**	**0.5**	**160**	**400**
MW-16D	28-Dec-04	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	15-Mar-05	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	29-Jun-05	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	20-Sep-05	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
MW-16D	29-Dec-05	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	17-May-06	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	21-Nov-06	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	22-May-07	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50
	30-May-08	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	24-Nov-08	**4.7**	**1.3**	<0.50	**0.75**	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	20-May-09	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-16D	17-Nov-09	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-16D	12-May-10	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	15-Nov-10	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	12-May-11	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
	10-Nov-11	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.80	<0.50	<0.50	<0.50	<0.50	<0.50
MW-16D	10-May-12	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	29-Nov-12	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-16D	4-Jun-13	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	11-Nov-13	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	12-May-14	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	6-Nov-14	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
	13-May-15	<0.19	<0.12	<0.25	<0.20	<0.31	<0.28	<0.19	<0.10	<0.074	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-16D	11-Nov-15	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-16D	17-May-16	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-16D	28-Dec-04	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	15-Mar-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	29-Jun-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	20-Sep-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	1.1 L	<0.50	<0.20	<0.20	1.1
MW-16D	29-Dec-05	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	17-May-06	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	21-Nov-06	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	22-May-07	<0.20	<0.20	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	30-May-08	<0.20	<0.50	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	24-Nov-08	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	6.75
	20-May-09	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
MW-16D	17-Nov-09	<0.20	<0.30	<0.25	<0.20	<0.50	2.4	0.33	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	2.73
MW-16D	12-May-10	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	15-Nov-10	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	12-May-11	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
	10-Nov-11	<0.20	<0.30	<0.25	<0.20	<0.50	<0.25	<0.20	<0.20	<0.25	<1.0	<0.50	<0.20	<0.20	0
MW-16D	10-May-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
	29-Nov-12	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
MW-16D	4-Jun-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
	11-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
	12-May-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
	6-Nov-14	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
	13-May-15	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	<0.28	<0.68	<0.24	<0.23	<0.17	0
MW-16D	11-Nov-15	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.46	<0.37	0
MW-16D	17-May-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
MW-16D	29-Nov-16	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	18-May-17	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	16-Nov-17	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	10-May-18	<0.48	<0.41	<0.37	<0.37	<0.36	<0.50	<0.38	<0.50	<0.43	<0.33	<0.34	<0.33	<0.74	<0.48	<0.23
MW-16D	28-Nov-18	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-May-19	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-Nov-19	**0.42**	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-May-20	**0.45**	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	12-Nov-20	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	12-May-21	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	22-Dec-21	<0.16	<0.41	<0.35	<0.38	<0.39	<0.39	<0.41	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
MW-16D	27-May-22	<0.32	<0.47	<0.53	<0.30	<0.58	<0.29	<0.30	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-17D	20-Apr-99	**430**	**230**	<7.8	**560**	**120**	<4.0	**6.8**	<9.2	<4.0	<22	<22	<7.6	<13	<7.8	<22
MW-17D	7-Mar-00	**370**	**160**	**3.9**	**560**	**130**	**1.3**	**7.4**	**0.3**	**0.19**	<0.25	<0.25	<0.25	**0.38**	**0.37**	<0.25
	16-May-00	**350**	**160**	<5.0	**540**	**150**	<5.0	**7**	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-17D	15-Sep-00	**230**	**140**	<2.5	**340**	**73**	<2.5	**4.9**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	15-Mar-01	**370**	**220**	<2.5	**540**	**130**	<2.5	**7.8**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	26-Jun-01	**340**	**250**	<2.5	**430**	**110**	<2.5	**8.4**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
	19-Sep-01	**410**	**330**	<2.5	**490**	**120**	<2.5	**8.6**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-17D	19-Dec-01	**500**	**440**	<100	**550**	<100	<100	<100	<100	<40	<100	<100	<100	<100	<40	<100
MW-17D	27-Mar-02	**450**	**420**	**3.1**	**390**	**99**	<2.5	**7.6**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
(duplicate)	27-Mar-02	**420**	**400**	<2.5	**370**	**94**	<2.5	**7.3**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-17D	6-Jun-02	**560**	**560**	<2.5	**390**	**98**	<2.5	**7.3**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
(duplicate)	6-Jun-02	**580**	**590**	<2.5	**400**	**97**	<2.5	**7.9**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-17D	6-Sep-02	**760**	**820**	**3.5**	**460**	**110**	<2.5	**10**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
MW-16D	29-Nov-16	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
	18-May-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	0
	16-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	0
	10-May-18	<0.50	<0.40	<0.42	<0.35	<0.38	<2.5	<0.47	<0.31	<0.37	<2.5	<0.30	<0.62	<0.44	0
MW-16D	28-Nov-18	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
	13-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
	13-Nov-19	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0.42
	13-May-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0.45
	12-Nov-20	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
	12-May-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
	22-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	0
MW-16D	27-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	<0.34	<0.32	<1.1	<0.38	<0.42	0
MW-17D	20-Apr-99	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<17	<3.0	<3.0	<3.0	1346.8
MW-17D	7-Mar-00	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.7	0.66 L	<0.25	<0.25	<0.25	1236.2
	16-May-00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	79 L	<5.0	<5.0	<5.0	1286
MW-17D	15-Sep-00	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	787.9
	15-Mar-01	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	18 L	<2.5	<2.5	<2.5	1285.8
	26-Jun-01	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	13 L	<2.5	<2.5	<2.5	1151.4
	19-Sep-01	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	1358.6
MW-17D	19-Dec-01	<100	<100	<100	<100	<100	<100	<40	<40	<100	170 L	<100	<100	<100	1660
MW-17D	27-Mar-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	8.1 L	<2.5	<2.5	<2.5	1377.8
(duplicate)	27-Mar-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	8.0 L	<2.5	<2.5	<2.5	1299.3
MW-17D	6-Jun-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	20 L	<2.5	<2.5	<2.5	1635.3
(duplicate)	6-Jun-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	21 L	<2.5	<2.5	<2.5	1695.9
MW-17D	6-Sep-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	16 L	<2.5	<2.5	<2.5	2179.5

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
(duplicate)	6-Sep-02	800	780	<2.5	420	100	<2.5	10	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5
MW-17D	11-Dec-02	900	880	<4.0	450	120	<4.0	11	<4.0	<1.6	<4.0	<4.0	<4.0	<4.0	<1.6	<4.0
MW-17D	20-Mar-03	1400	1000	<12	460	110	<12	<12	<12	<6.2	<12	<12	<12	<12	<6.2	<12
MW-17D	12-Jun-03	1200	970	<10	430	110	<10	13	<10	<5.0	<10	<10	<10	<10	<5.0	<10
MW-17D	22-Sep-03	1200	870	<12	400	100	<12	13	<6.2	<6.2	<12	<12	<12	<12	<6.2	<12
(duplicate)	22-Sep-03	1200	890	<12	410	110	<12	12	<6.2	<6.2	<12	<12	<12	<12	<6.2	<12
MW-17D	18-Dec-03	1400	1000	<12	460	120	<12	16	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
	17-Mar-04	1500	1100	<12	480	120	<12	17	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
(duplicate)	17-Mar-04	1600	1100	<12	500	130	<12	17	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	22-Jun-04	1500	1000	<20	470	130	<20	<20	<8.0	<8.0	<20	<20	<20	<20	<8.0	<20
	8-Sep-04	1400	960	<10	490	120	<10	18	<4.0	<4.0	<10	<10	<10	<10	<4.0	<10
	28-Dec-04	1200	800	<12	390	110	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	16-Mar-05	1100	790	<12	400	110	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	30-Jun-05	1000	640	<12	330	87	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
(duplicate)	30-Jun-05	960	620	<12	310	82	<12	<12	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	20-Sep-05	1300	770	<10	420	120	<10	17	<4.0	<4.0	<10	<10	<10	<10	<4.0	<10
MW-17D	29-Dec-05	1400	840	<12	460	130	<12	19	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
(duplicate)	29-Dec-05	1400	820	<12	460	130	<12	18	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	17-May-06	1200	630	<12	360	100	<12	15	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	21-Nov-06	1300	680	<12	390	110	<12	17	<5.0	<5.0	<12	<12	<12	<12	<5.0	<12
MW-17D	23-May-07	430	350	<5.0	170	54	<5.0	10	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
(duplicate)	23-May-07	450	370	<5.0	180	55	<5.0	11	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0
MW-17D	5-Dec-07	640	400	<4.0	180	53	<4.0	9.1	<1.6	<1.6	<4.0	<4.0	<4.0	<4.0	<1.6	<4.0
	30-May-08	940	550	<4.0	270	92	<4.0	14	<1.6	<1.6	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
MW-17D	24-Nov-08	1300	670	<8.0	290	110	<8.0	18	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
(duplicate)	6-Sep-02	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.5	**15 L**	<2.5	<2.5	<2.5	**2125**
MW-17D	11-Dec-02	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<1.6	<1.6	<4.0	<4.0	<4.0	<4.0	<4.0	**2361**
MW-17D	20-Mar-03	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<6.2	<25	<12	<6.2	<6.2	**2970**
MW-17D	12-Jun-03	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<20	<10	<5.0	<5.0	**2723**
MW-17D	22-Sep-03	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<6.2	<25	<12	<6.2	<6.2	**2583**
(duplicate)	22-Sep-03	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<6.2	<25	<12	<6.2	<6.2	**2622**
MW-17D	18-Dec-03	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2996**
	17-Mar-04	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**3217**
(duplicate)	17-Mar-04	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**3347**
MW-17D	22-Jun-04	<8.0	<8.0	<10	<8.0	<20	<10	<8.0	<8.0	<10	<40	<20	<8.0	<8.0	**3100**
	8-Sep-04	<4.0	<4.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	**2988**
	28-Dec-04	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2500**
MW-17D	16-Mar-05	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2400**
MW-17D	30-Jun-05	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2057**
(duplicate)	30-Jun-05	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**1972**
MW-17D	20-Sep-05	<4.0	<4.0	<5.0	<4.0	<10	<5.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	**2627**
MW-17D	29-Dec-05	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2849**
(duplicate)	29-Dec-05	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2828**
MW-17D	17-May-06	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2305**
MW-17D	21-Nov-06	<5.0	<5.0	<6.2	<5.0	<12	<6.2	<5.0	<5.0	<6.2	<25	<12	<5.0	<5.0	**2497**
MW-17D	23-May-07	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	**16 L**	<5.0	<2.0	<2.0	**1030**
(duplicate)	23-May-07	<2.0	<2.0	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	**16 L**	<5.0	<2.0	<2.0	**1082**
MW-17D	5-Dec-07	<1.6	<1.6	<2.0	<1.6	<4.0	<2.0	<1.6	<1.6	<2.0	<8.0	<4.0	<1.6	<1.6	**1282.1**
	30-May-08	<1.6	<4.0	<2.0	<1.6	<4.0	<2.0	<1.6	<1.6	<2.0	<8.0	<4.0	<1.6	<1.6	**1866**
MW-17D	24-Nov-08	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**2388**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	ES	5	70	100	200	7	5	850	0.2	5	5		700	5	800	2000
NR 140	PAL	0.5	7	20	40	0.7	0.5	85	0.02	0.5	0.5		140	0.5	160	400
(duplicate)	24-Nov-08	1300	690	<8.0	290	110	<8.0	19	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
MW-17D	20-May-09	1000	430	<8.0	240	95	<8.0	13	<3.2	<3.2	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
MW-17D	17-Nov-09	1300	560	<10	310	110	<10	16	<4.0	<4.0	<10	<10	<10	<10	<10	<10
	13-May-10	1100	500	<13	240	91	<13	14	<5.0	<5.0	<20	<13	<13	<13	<13	<13
MW-17D	15-Nov-10	1200	550	<5.0	240	130	<5.0	15	<2.0	<2.0	<8.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12-May-11	1200	530	<8.0	240	110	<8.0	15	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
	10-Nov-11	880	450	<8.0	190	75	<8.0	13	<3.2	<3.2	<13	<8.0	<8.0	<8.0	<8.0	<8.0
	10-May-12	1000	550	2.7	220	90	<0.56	14	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
MW-17D	29-Nov-12	1100	520	3.0	220	110	<0.56	15	0.51	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
	4-Jun-13	960	460	2.3	190	79	<0.56	12	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
	11-Nov-13	900	470	3.1	190	84	0.59	14	<0.10	<0.071	<0.26	<0.34	<0.13	<0.17	<0.11	<0.068
MW-17D	12-May-14	950	500	2.5	150	74	<0.56	14	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
MW-17D	6-Nov-14	1300	570	5.3	200	96	<1.4	15	<0.50	<0.37	<1.3	<1.7	<0.65	<0.85	<0.55	<0.34
MW-17D	13-May-15	1200	560	3.6	190	91	<0.56	16	<0.20	<0.15	<0.52	<0.68	<0.26	<0.34	<0.22	<0.14
	11-Nov-15	700	410	2.3	130	65	<0.78	13	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	17-May-16	930	480	3.2	140	75	<2.0	12	<1.0	<0.73	<1.9	<1.5	<0.92	<1.9	<0.76	<1.1
MW-17D	29-Nov-16	890	480	2.9	130	68	<0.78	12	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	18-May-17	860	530	3.8	140	86	<0.78	15	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	16-Nov-17	650	510	2.8	97	63	<0.39	13	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	10-May-18	530	390	<3.7	81	48	<5.0	12	<5.0	<4.3	<3.3	<3.4	<3.3	<7.4	<4.8	<2.3
MW-17D	28-Nov-18	760	560	<0.70	100	60	<0.78	11	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	13-May-19	860	570	3.4	120	72	<0.39	15	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	13-Nov-19	780	610	3.3	140	79	<0.78	13	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	13-May-20	880	510	3.8	120	93	<0.78	16	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
MW-17D	12-Nov-20	580	430	2.1	67	45	<0.78	11	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	ES	6	30	--	--	--	100	480*	480*	5	5	60	0.2	0.6	--
NR 140	PAL	0.6	3	--	--	--	10	96*	96*	0.5	0.5	12	0.02	0.06	--
(duplicate)	24-Nov-08	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**2409**
MW-17D	20-May-09	<3.2	<4.8	<4.0	<3.2	<8.0	<4.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**1778**
MW-17D	17-Nov-09	<4.0	<6.0	<5.0	<4.0	<10	9.0	<4.0	<4.0	<5.0	<20	<10	<4.0	<4.0	**2305**
	13-May-10	<5.0	<7.5	<6.3	<5.0	<13	<6.3	<5.0	<5.0	<6.3	<25	<13	<5.0	<5.0	**1945**
MW-17D	15-Nov-10	<2.0	<30	<2.5	<2.0	<5.0	<2.5	<2.0	<2.0	<2.5	<10	<5.0	<2.0	<2.0	**2135**
	12-May-11	<3.2	<4.8	<4.0	<3.2	<8.0	<8.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**2095**
	10-Nov-11	<3.2	<4.8	<4.0	<3.2	<8.0	<8.0	<3.2	<3.2	<4.0	<16	<8.0	<3.2	<3.2	**1608**
	10-May-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**1876.7**
MW-17D	29-Nov-12	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**1968.51**
	4-Jun-13	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**1703.3**
	11-Nov-13	<0.20	<0.18	<0.15	<0.14	<0.13	<0.16	<0.14	<0.18	**0.93**	<0.68	<0.24	<0.23	<0.17	**1662.62**
MW-17D	12-May-14	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**1690.5**
MW-17D	6-Nov-14	<1.0	<0.90	<0.75	<0.70	<0.65	<0.80	<0.70	<0.90	<1.4	<3.4	<1.2	<1.2	<0.85	**2186.3**
MW-17D	13-May-15	<0.40	<0.36	<0.30	<0.28	<0.26	<0.32	<0.28	<0.36	<0.56	<1.4	<0.48	<0.46	<0.34	**2060.6**
	11-Nov-15	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.92	<0.74	**1320.3**
	17-May-16	<1.9	<1.6	<2.0	<1.9	<2.1	<1.7	<1.8	<1.3	<1.8	<8.2	<2.0	<2.0	<1.9	**1640.2**
MW-17D	29-Nov-16	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1582.9**
	18-May-17	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.92	<3.3	<0.79	<0.80	<0.74	**1634.8**
	16-Nov-17	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	<0.46	<1.6	<0.39	<0.40	<0.37	**1335.8**
	10-May-18	<5.0	<4.0	<4.2	<3.5	<3.8	<25	<4.7	<3.1	<3.7	<25	<3.0	<6.2	<4.4	**1061**
MW-17D	28-Nov-18	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1491**
	13-May-19	<0.37	<0.32	<0.40	<0.39	<0.41	**0.46**	<0.36	<0.25	<0.35	<1.6	<0.39	<0.40	<0.37	**1640.86**
	13-Nov-19	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	**1.1**	<3.3	<0.79	<0.80	<0.74	**1626.4**
	13-May-20	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1622.8**
MW-17D	12-Nov-20	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1135.1**

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI. 2/23/2023

WELL ID	Sample Date	Trichloroethene (ug/L)	cis-1,2-Dichloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Vinyl Chloride (ug/L)	Benzene (ug/L)	Carbon Tetrachloride	1,1-Dichloropropene	Ethylbenzene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	Xylenes (Total) (ug/L)
NR 140	**ES**	**5**	**70**	**100**	**200**	**7**	**5**	**850**	**0.2**	**5**	**5**		**700**	**5**	**800**	**2000**
NR 140	**PAL**	**0.5**	**7**	**20**	**40**	**0.7**	**0.5**	**85**	**0.02**	**0.5**	**0.5**		**140**	**0.5**	**160**	**400**
MW-17D	12-May-21	**530**	**350**	**2.4**	**76**	**56**	<0.78	**11**	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44
	22-Dec-21	**440**	**340**	**1.7**	**63**	**35**	<0.39	**11**	<0.20	<0.15	<0.38	<0.30	<0.18	<0.37	<0.15	<0.22
	27-May-22	**466**	**385**	**2.0**	**62.6**	**49.7**	0.46	**10.5**	<0.17	<0.30	<0.37	<0.41	<0.33	<0.41	<0.29	<1.05
MW-17D	16-Nov-22	**920**	**580**	**<0.70**	**110**	**87**	<0.78	**14**	<0.41	<0.29	<0.77	<0.59	<0.37	<0.74	<0.30	<0.44

Table 2. Summary of Monitor Well Sampling VOCs Analytical Results, Former Sta-Rite Facility, Deerfield, WI.

2/23/2023

WELL ID	Sample Date	Chloroform (ug/L)	Chloromethane (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	n-propylbenzene (ug/L)	Naphthalene (ug/L)	1,2,4-trimethylbenzene (ug/L)	1,3,5-trimethylbenzene (ug/L)	1,1,2-Trichloroethane (ug/L)	Methylene Chloride (ug/L)	Methyl-t-butyl-ether (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Bromodichloromethane (ug/L)	Total VOCs (ug/L)
NR 140	**ES**	**6**	**30**	**--**	**--**	**--**	**100**	**480***	**480***	**5**	**5**	**60**	**0.2**	**0.6**	**--**
NR 140	**PAL**	**0.6**	**3**	**--**	**--**	**--**	**10**	**96***	**96***	**0.5**	**0.5**	**12**	**0.02**	**0.06**	**--**
MW-17D	12-May-21	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1025.4**
	22-Dec-21	<0.37	<0.32	<0.40	<0.39	<0.41	<0.34	<0.36	<0.25	**0.65**	<1.6	<0.39	<0.40	<0.37	**891.35**
	27-May-22	<1.2	<1.6	<0.42	<1.0	<0.35	<1.1	<0.45	<0.36	**0.64**	<0.32	<1.1	<0.38	<0.42	**976.9**
MW-17D	16-Nov-22	<0.74	<0.64	<0.80	<0.77	<0.83	<0.67	<0.72	<0.51	<0.70	<3.3	<0.79	<0.80	<0.74	**1711**

Notes:

* - Listed ES and PAL for total trimethylbenzenes (1,2,4- and 1,3,5- combined).
3/10/00 trip blank contained Methylene chloride (0.59 ug/l), naphthalene (0.35 ug/l), toluene (0.65 ug/l), and xylenes (0.25 ug/l)
Wells MW-14S and MW-14I were abandoned during soil excavation activities, and replaced February 2000.
Groundwater remediation system (extraction well EW-1) became operational March 20, 2000.
Sept. 2000 sampling round sample collected from MW-16D contained 0.16 ug/L toluene and 0.12 ug/L 1,2,4-trimethylbenzene.
B - Detected in associated blank sample.
L - Common laboratory solvent and contaminant.
12/18/01: MW-15D not sampled because a truck trailer was parked over the well.
12/11/02: There wasn't enough water in MW-14SR to collect a groundwater sample.
12/05/07: MW-16D was not sampled as the well was covered by a pile of snow.
11/16/22: MW-16D was not sampled because of construction work in and around the location of the monitoring well.

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-1S	12/20/1996	9:40	7.62	14.6	5	1.1	8.5	550	6.60			860.11	852.49
	3/18/2000	11:30	9.00	14.6	5	0.9	5.5	852	6.73			860.11	851.11
MW-1I	12/18/1996	16:20	7.70	27.6	13 (dry)	3.2	8.4	600	6.28			860.15	852.45
	3/18/2000	11:40	9.47	27.5	13	2.9	7.3	741	7.14			860.15	850.68
MW-2S	12/18/1996	15:30	8.57	14.9	4	1.0	8.2	1425	6.43			859.88	851.31
	3/17/2000	10:45	9.53	14.8	5	0.9	7.8	1926	7.00			859.88	850.35
	5/17/2000	11:15	9.60									859.88	850.28
MW-5S	12/20/1996	12:20	4.94	14.7	6	1.6	10.6	725	6.63			857.40	852.46
	3/11/2000	10:10	6.65	14.5	6	1.3	7.5	953	7.00			857.40	850.75
	5/17/2000	12:25	6.56									857.40	850.84
MW-5I	12/20/1996	13:00	5.14	24.8	13	3.2	9.4	700	6.56			857.56	852.42
	3/11/2000	10:30	6.94	24.7	13	2.9	7.3	1000	7.11			857.56	850.62
	5/17/2000	12:30	6.87									857.56	850.69
MW-10S	12/20/1996	14:10	6.94	13.9	5	1.1	9.2	600	5.94			860.32	853.38
	March 2000 through December 2002				Tree roots blocking well screen.								
MW-10S	3/21/2003	11:00	12.74	14.4	0.5	0.3	6.3	1537	7.02			860.32	847.58
	6/12/2003	12:30	10.72	14.4	2	0.6	15.0	1123	6.96			860.32	849.60
	9/23/2003	8:30	12.00	14.4	1	0.4	13.2	1907	6.98			860.32	848.32
	12/19/2003	11:05	11.03	14.4	3	0.5	9.8	1505	6.41			860.32	849.29
	6/22/2004	9:50	6.46	14.4	5	1.3	14.1	1260	6.67			860.32	853.86
	9/4/2004	11:15	8.23	14.4	4	1.0	15.3	1781	6.81			860.32	852.09
	12/28/2004	11:40	9.55	13.7	2.25	0.7	8.9	825	6.92			860.32	850.77
	6/29/2005	13:30	9.36	13.7	2	0.7	13.6	1484	6.99			860.32	850.96
	9/20/2005	14:00	10.75	14.4	2	0.6	19.1	1517	6.79			860.32	849.57
	12/29/2005	10:35	11.27	13.8	1	0.4	9.3	1510	7.05			860.32	849.05
	5/16/2006	16:30	8.71	13.8	3	0.8	10.6	1640	6.95			860.32	851.61
	11/21/2006	13:30	7.48	13.8	4	1.0	12.2	3549	6.94			860.32	852.84
	5/22/2007	18:20	6.85	13.8	4	1.1	11.1	1280	6.65			860.32	853.47
MW-10S	12/4/2007	15:50	7.62	13.8	4	1.0	14.2	1140	6.88			860.32	852.70

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-10S	5/29/2008	12:40	5.93	13.8	4	1.3	13.3	1220	6.43			860.32	854.39
	11/25/2008	9:20	7.70	13.8	5	1.0	11.6	1420	6.95			860.32	852.62
	5/19/2009	14:35	5.97	13.8	5	1.3	15.0	1200	6.74			860.32	854.35
MW-10S	11/18/2009	14:15	8.05	13.8	5	0.9	10.5	1568	6.76			860.32	852.27
	5/13/2010	14:20	6.86	13.8	4 (dry)	1.1	13.0	1730	7.36			860.32	853.46
	11/16/2010	14:30	7.96	13.8	2 (dry)	0.9	13.2	1801	6.74			860.32	852.36
	5/12/2011	14:55	6.43	13.8	5.5 (dry)	1.2	12.1	1906	7.50			860.32	853.89
	11/9/2011	14:30	8.83	13.8	2 (dry)	0.8	13.8	1620	7.01			860.32	851.49
	5/10/2012	14:40	7.09	13.8	5 (dry)	1.1	12.1	1456	7.45			860.32	853.23
	12/12/2012	10:50	10.48	13.8	2	0.5	12.8	1468	7.51			860.32	849.84
	6/5/2013	11:10	6.16	13.8	5	1.2	12.4	1756	7.52			860.32	854.16
	11/12/2013	9:00	8.28	13.8	3 (dry)	0.9	12.9	1390	7.39			860.32	852.04
	5/13/2014	9:30	6.97	13.8	4 (dry)	1.1	8.4	1548	7.50			860.32	853.35
	11/6/2014	15:00	7.86	13.8	2 (dry)	1.0	12.7	1485	7.03			860.32	852.46
	5/14/2015	9:10	8.06	13.8	3 (dry)	0.9	8.8	1391	7.24			860.32	852.26
	11/11/2015	15:00	8.36	13.8	2 (dry)	0.9	14.1	1417	6.88			860.32	851.96
	5/18/2016	9:40	6.79	13.8	4 (dry)	1.1	10.3	1672	7.17			860.32	853.53
	11/28/2016	14:20	7.09	13.8	4 (dry)	1.1	13.1	1798	7.80			860.32	853.23
	5/17/2017	12:30	5.90	13.8	5 (dry)	1.3	13.6	1950	6.96			860.32	854.42
	11/15/2017	13:20	7.49	13.8	5 (dry)	1.0	16.0	1723	6.88			860.32	852.83
	5/9/2018	13:00	6.56	13.8	3 (dry)	1.2	10.9	1506	6.75			860.32	853.76
	11/28/2018	14:30	5.74	13.8	4 (dry)	1.3	11.9	1918	6.86			860.32	854.58
	5/15/2019	13:30	5.47	13.8	4 (dry)	1.3	10.6	1721	7.02			860.32	854.85
	11/11/2019	15:00	5.81	13.8	5 (dry)	1.3	12.1	1641	6.85			860.32	854.51
	5/13/2020	12:10	5.69	13.8	6 (dry)	1.3	11.1	1684	6.72			860.32	854.63
	11/12/2020	12:35	7.05	13.8	4 (dry)	1.1	14.8	2125	7.35			860.32	853.27
	5/13/2021	13:20	7.11	13.8	4 (dry)	1.1	11.4	1049	7.43			860.32	853.21
	12/21/2021	13:30	9.20	13.8	3	0.7	10.1	2188	7.58			860.32	851.12
MW-10S	5/26/2022	13:10	7.73	13.8	2 (dry)	1.0	15.3	>3999	6.93			860.32	852.59

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-10S	11/16/2022	13:35	7.05	13.8	2 (dry)	1.1	8.2	2460	7.14			860.32	853.27
MW-10I	12/20/1996	14:40	7.24	26.5	13	3.1	9.5	780	6.04			860.46	853.22
MW-10I	3/18/2000	12:30	10.58	26.3	13	2.6	7.3	911	7.30			860.46	849.88
MW-10I	5/17/2000	11:20	10.93	26.3	13	2.5	12.6	832	7.08			860.46	849.53
	9/15/2000	16:45	8.95	26.3	26	2.8	14.8	888	7.21			860.46	851.51
MW-10I	6/26/2001	18:00	8.24	26.3	13	2.9	12.9	604	7.46			860.46	852.22
	9/20/2001	11:00	9.33	26.3	4	2.8	15.8	898	7.52			860.46	851.13
	12/18/2001	11:50	9.25	26.5	4	2.8	11.4	617	7.42			860.46	851.21
MW-10I	3/27/2002	15:05	8.53	26.5	9	2.9	10.1	885	7.28			860.46	851.93
	6/6/2002	15:20	8.04	26.3	16	3.0	15.6	658	7.65			860.46	852.42
	9/5/2002	13:15	10.70	26.5	8	2.6	11.6	873.6	7.45	0.62	247	860.46	849.76
	12/11/2002	14:20	12.05	26.3	10	2.3	10.9	930	7.42			860.46	848.41
MW-10I	3/20/2003	14:30	12.83	26.3	7	2.2	13.9	969	7.29			860.46	847.63
(duplicate)	3/20/2003	14:35	12.83	26.3	7	2.2	14.0	968	7.26			860.46	847.63
MW-10I	6/12/2003	12:10	11.30	26.3	7.5	2.4	11.4	966	7.12			860.46	849.16
	9/23/2003	8:15	12.32	26.3	7	2.3	13.8	926	7.17			860.46	848.14
	6/22/2004	12:55	7.26	26.3	10	3.1	15.7	1022	7.46			860.46	853.20
	9/8/2004	11:45	8.66	26.3	9	2.9	12.1	881	7.16			860.46	851.80
	12/28/2004	13:12	9.97	26.4	9	2.7	10.2	1054	7.21			860.46	850.49
	6/29/2005	13:00	9.70	26.4	11	2.7	12.9	1062	7.01			860.46	850.76
MW-10I	9/20/2005	14:10	11.10	26.3	8	2.5	13.3	1062	7.22			860.46	849.36
	12/29/2005	10:45	11.51	26.3	11	2.4	10.3	1118	7.32			860.46	848.95
	5/16/2006	16:15	8.90	26.3	15	2.8	11.4	1123	7.85			860.46	851.56
	11/21/2006	13:40	7.88	26.3	15	3.0	11.5	1155	7.50			860.46	852.58
	5/22/2007	18:50	7.39	26.3	15	3.1	11.5	550	7.25			860.46	853.07
	12/4/2007	15:20	7.90	26.3	20	3.0	13.8	530	7.17			860.46	852.56
	5/29/2008	13:00	6.22	26.3	20	3.3	13.0	1330	6.88			860.46	854.24
	11/25/2008	10:05	8.10	26.3	10	3.0	13.2	1054	6.99			860.46	852.36
MW-10I	5/19/2009	14:50	6.57	26.3	20	3.2	14.6	690	7.18			860.46	853.89

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-10I	11/18/2009	14:30	8.44	26.3	12	2.9	11.0	568	7.14			860.46	852.02
MW-10I	5/13/2010	14:35	6.94	26.3	15	3.2	12.6	1180	7.97			860.46	853.52
MW-10I	11/16/2010	14:20	8.23	26.3	15	2.9	12.9	1139	6.86			860.46	852.23
MW-10I	5/12/2011	14:45	6.40	26.3	15	3.2	14.2	1205	7.90			860.46	854.06
	11/9/2011	15:30	8.67	26.3	15	2.9	11.1	1230	7.28			860.46	851.79
MW-10I	5/10/2012	15:30	6.94	26.3	20	3.2	11.8	1214	7.88			860.46	853.52
	12/12/2012	11:50	10.57	26.3	10	2.6	12.7	1226	7.62			860.46	849.89
	6/5/2013	11:40	6.58	26.3	15	3.2	12.0	1113	7.76			860.46	853.88
MW-10I	11/12/2013	8:17	8.17	26.3	15	3.0	13.1	1102	7.70			860.46	852.29
	5/13/2014	10:10	6.91	26.3	15	3.2	10.0	1084	7.74			860.46	853.55
	11/6/2014	15:20	7.92	26.3	15	3.0	12.5	1050	7.35			860.46	852.54
	5/14/2015	9:30	8.23	26.3	15	2.9	9.8	1032	7.38			860.46	852.23
MW-10I	11/11/2015	15:20	8.26	26.3	15	2.9	12.6	1039	7.05			860.46	852.20
	5/18/2016	9:50	6.96	26.3	15	3.2	10.5	1112	7.43			860.46	853.50
	11/28/2016	13:50	7.08	26.3	15	3.1	11.4	1149	7.25			860.46	853.38
	5/17/2017	12:40	6.10	26.3	15	3.3	12.5	1118	7.35			860.46	854.36
	11/15/2017	13:40	7.74	26.3	15	3.0	14.5	1152	7.17			860.46	852.72
	5/9/2018	13:30	6.73	26.3	15	3.2	11.0	1099	7.26			860.46	853.73
	11/28/2018	14:50	6.00	26.3	15	3.3	11.8	1046	7.39			860.46	854.46
	5/15/2019	13:50	5.78	26.3	15	3.3	11.3	946	7.42			860.46	854.68
	11/11/2019	14:40	6.02	26.3	15	3.3	13.6	990	6.96			860.46	854.44
	5/13/2020	12:30	6.02	26.3	15	3.3	10.8	1008	7.05			860.46	854.44
	11/12/2020	12:20	7.40	26.3	15	3.1	14.2	1164	7.63			860.46	853.06
	5/13/2021	13:10	7.52	26.3	20	3.1	11.2	1139	7.00			860.46	852.94
	12/21/2021	11:05	9.56	26.3	10	2.7	9.3	1668	7.47			860.46	850.90
	5/26/2022	12:10	8.09	26.3	9	3.0	14.9	1114	7.86			860.46	852.37
MW-10I	11/16/2022	13:50	8.10	26.3	9	3.0	11.7	3200	8.30			860.46	852.36
MW-14S	12/20/1996	16:00	10.44	14.8	3 (dry)	0.7	8.9	500	5.87			864.06	853.62
MW-14SR	3/18/2000	14:30	14.05	15.1	0.5 (dry)	0.2	7.8	2042	7.05			864.82	850.77

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-14SR	5/17/2000	10:40	13.77	15.1	0.5 (dry)	0.2	13.9	2482	6.81			864.82	851.05
	9/14/2000	8:45	11.33	15.1	3 (dry)	0.6	13.1	2199	6.98			864.82	853.49
	12/28/2000	10:20	13.87	15.1	1 (dry)	0.2	6.3	2499	7.06			864.82	850.95
MW-14SR	3/16/2001	11:33	10.74	15.1	2.5 (dry)	0.7	8.9	2154	6.99	8.73	351	864.82	853.32
MW-14SR	6/26/2001	16:35	10.46	15.1	4 (dry)	0.8	19.8	1872	7.10			864.82	854.36
	9/20/2001	11:40	10.84	15.1	2 (dry)	0.7	16.8	1400	7.42			864.82	853.98
MW-14SR	12/18/2001	10:45	12.07	15.0	2(dry)	0.6	12.5	1105	6.99			864.82	852.75
	3/27/2002	13:50	10.46	15.0	3	0.7	9.4	2060	7.01			864.82	854.36
MW-14SR	6/6/2002	10:55	10.33	15.1	4	0.8	15.2	683	7.70			864.82	854.49
	9/5/2002	14:15	14.15	15.0	0.5	0.1	17.3	820.1	7.54			864.82	850.67
MW-14SR	12/11/2002		14.80	15.1	Not enough water in well to purge & sample.							864.82	850.02
	3/20/2003		14.82	15.1	Not enough water in well to purge & sample.							864.82	850.00
MW-14SR	6/12/2003	10:30	14.45	15.1	0.5	Not enough water in well to purge & sample.						864.82	850.37
	12/18/2003	15:30	11.23	15.1	3	0.6	10.3	654	6.92			864.82	853.59
	6/21/2004	12:15	8.56	15.1	6	1.1	14.8	1050	6.79			864.82	856.26
	9/8/2004	13:15	12.01	15.1	2	0.5	15.3	623	7.22			864.82	852.81
MW-14SR	12/28/2004	9:58	13.44	15.1	1	0.3	9.6	680	7.31			864.82	851.38
	6/29/2005	12:30	13.45	15.1	1	0.3	12.3	621	6.99			864.82	851.37
	9/20/2005		14.71	15.1	Not enough water in well to purge & sample.							864.82	850.11
	12/29/2005		14.73	15.0	Not enough water in well to purge & sample.							864.82	850.09
	5/16/2006	16:45	10.43	15.1	6	0.8	16.0	385	7.58			864.82	854.39
	11/21/2006	13:10	10.19	15.1	8	0.8	13.0	764	7.63			864.82	854.63
	5/22/2007	18:30	9.86	15.1	10	0.9	10.5	290	7.34			864.82	854.96
	12/4/2007	14:50	11.52	15.1	3	0.6	13.3	520	7.23			864.82	853.30
MW-14SR	5/29/2008	12:10	9.48	15.1	8	0.9	12.6	950	7.08			864.82	855.34
	11/25/2008	11:15	11.15	15.1	4	0.6	9.2	324	7.38			864.82	853.67
	5/19/2009	14:10	9.22	15.1	4	1.0	14.3	740	7.39			864.82	855.60
	11/18/2009	13:45	10.91	15.1	4	0.7	9.4	590	7.28			864.82	853.91
MW-14SR	5/13/2010	13:50	9.85	15.1	3.5	0.9	12.0	380	8.58			864.82	854.97

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-14SR	11/16/2010	14:05	11.34	15.1	2 (dry)	0.6	13.0	561	7.16			864.82	853.48
	5/12/2011	14:10	9.30	15.1	4.5	0.9	13.2	683	8.00			864.82	855.52
	11/9/2011	13:10	10.24	15.1	5	0.8	12.5	398	7.59			864.82	854.58
MW-14SR	5/10/2012	16:20	9.10	15.1	5	1.0	10.5	627	7.83			864.82	855.72
MW-14SR	12/12/2012	9:40	14.29	15.1	0.5	0.1	10.9	620	7.88			864.82	850.53
	6/5/2013	13:00	9.02	15.1	6	1.0	12.1	709	7.70			864.82	855.80
MW-14SR	11/12/2013	8:20	11.12	15.1	3 (dry)	0.6	11.5	558	7.84			864.82	853.70
	5/13/2014	11:00	9.30	15.1	5	0.9	9.1	518	7.87			864.82	855.52
MW-14SR	11/7/2014	10:10	11.62	15.1	3 (dry)	0.6	13.5	595	7.43			864.82	853.20
	5/14/2015	10:10	10.80	15.1	3 (dry)	0.7	8.9	545	7.90			864.82	854.02
MW-14SR	11/12/2015	8:20	12.12	15.1	2 (dry)	0.5	13.0	560	7.03			864.82	852.70
	5/18/2016	10:50	9.96	15.1	12	0.8	9.9	525	7.57			864.82	854.86
MW-14SR	11/28/2016	16:00	10.53	15.1	5 (dry)	0.7	11.3	798	7.03			864.82	854.29
	5/17/2017	14:10	9.01	15.1	5	1.0	10.9	7.69	7.59			864.82	855.81
	11/15/2017	14:30	11.31	15.1	3 (dry)	0.6	14.9	733	7.14			864.82	853.51
MW-14SR	5/9/2018	11:10	9.45	15.1	7	0.9	10.1	674	7.25			864.82	855.37
	11/29/2018	10:00	9.26	15.1	7	1.0	13.5	670	7.30			864.82	855.56
	5/15/2019	11:40	8.51	15.1	7	1.1	10.6	680	7.59			864.82	856.31
	11/11/2019	16:10	9.07	15.1	10	1.0	12.7	642	7.05			864.82	855.75
	5/13/2020	11:30	8.47	15.1	8	1.1	10.9	1059	7.36			864.82	856.35
	11/12/2020	12:00	9.03	15.1	5 (dry)	1.0	14.6	1037	7.92			864.82	855.79
	5/12/2021	14:10	8.85	15.1	3 (dry)	1.0	10.9	>3999	6.93			864.82	855.97
	12/21/2021	13:10	11.03	15.1	2	0.7	10.8	>3999	6.96			864.82	853.79
	5/26/2022	13:40	9.06	15.1	2.5 (dry)	1.0	14.2	>3999	8.03			864.82	855.76
MW-14SR	11/16/2022	12:50	9.06	15.1	2.75	1.0	10.8	2400	8.34			864.82	855.76
MW-14I	12/20/1996	16:20	10.20	25.0	8 (dry)	2.4	8.9	600	5.88			864.06	853.86
MW-14IR	3/18/2000	15:00	14.01	24.6	9	1.7	8.7	918	7.02			864.65	850.64
	5/17/2000	11:00	14.17	24.6	9	1.7	13.5	1296	6.80			864.65	850.48
MW-14IR	9/14/2000	15:40	12.23	24.6	6 (dry)	2.0	17.4	2664	6.75			864.65	852.42

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-14IR	12/28/2000	10:40	12.86	24.6	5 (dry)	1.9	6.9	2566	6.90			864.65	851.79
	3/16/2001	11:25	13.30	24.6	5 (dry)	1.8	11.1	3422	6.70	5.11	347	864.65	851.35
	6/27/2001	11:55	11.65	24.6	4 (dry)	2.1	16.1	2819	6.93			864.65	853.00
	9/20/2001	11:35	12.75	24.6	7 (dry)	1.9	14.5	3760	6.96			864.65	851.90
	12/18/2001	10:45	12.53	26.5	7 (dry)	1.9	12.5	1744	6.91			864.65	852.12
MW-14IR	3/27/2002	13:45	11.98	26.5	7	2.4	10.5	2551	6.84			864.65	852.67
MW-14IR	6/6/2002	11:05	11.47	24.6	9	2.1	14.9	1792	7.29			864.65	853.18
	9/5/2002	14:20	14.16	24.6	5	1.7	13.5	2232	7.31	6.74	268	864.65	850.49
	12/11/2002	13:20	14.91	24.6	3 (dry)	1.6	11.5	1402	7.40			864.65	849.74
MW-14IR	3/20/2003	13:30	16.19	24.6	3.5 (dry)	1.4	12.6	1572	7.01			864.65	848.46
	6/12/2003	7:55	14.90	24.6	5	1.6	10.3	1275	7.05			864.65	849.75
MW-14IR	9/22/2003	16:00	15.92	24.6	5	1.4	12.7	1250	7.15			864.65	848.73
	12/18/2003	15:20	15.34	24.6	7	1.5	12.1	732	6.92			864.65	849.31
MW-14IR	6/21/2004	12:30	10.16	24.6	8	2.4	13.3	1164	7.06			864.65	854.49
	9/8/2004	14:45	12.22	24.6	6	2.0	13.2	809	6.98			864.65	852.43
MW-14IR	12/28/2004	10:10	13.98	24.8	4.5	1.8	10.8	1079	7.34			864.65	850.67
	6/29/2005	12:00	13.35	24.8	4	1.9	12.0	956	7.06			864.65	851.30
	9/20/2005	13:10	14.75	25.0	3	1.7	13.9	781	7.21			864.65	849.90
MW-14IR	12/29/2005	11:10	16.39	25.0	4	1.4	9.4	843	7.85			864.65	848.26
	5/16/2006	16:00	12.41	25.0	5	2.1	10.8	815	7.84			864.65	852.24
	11/21/2006	13:20	10.94	25.0	5	2.3	12.1	696	7.53			864.65	853.71
	5/22/2007	19:00	10.76	25.0	5	2.3	11.6	340	7.35			864.65	853.89
	12/4/2007	14:20	10.45	25.0	5	2.4	14.3	330	7.32			864.65	854.20
	5/29/2008	11:50	9.81	25.0	5	2.5	13.3	590	7.34			864.65	854.84
MW-14IR	11/25/2008	12:25	10.70	25.0	10	2.3	11.5	504	7.37			864.65	853.95
	5/19/2009	13:55	9.78	25.0	5 (dry)	2.5	14.4	390	7.39			864.65	854.87
	11/18/2009	14:00	11.80	25.0	5 (dry)	2.2	10.1	662	6.81			864.65	852.85
MW-14IR	5/13/2010	14:05	10.64	25.0	4.5 (dry)	2.3	12.5	660	8.42			864.65	854.01
MW-14IR	11/16/2010	13:50	11.09	25.0	6 (dry)	2.3	13.4	670	7.00			864.65	853.56

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-14IR	5/12/2011	14:20	10.06	25.0	5.0 (dry)	2.4	11.8	695	8.10			864.65	854.59
	11/9/2011	13:30	12.17	25.0	5.0 (dry)	2.1	11.8	683	7.35			864.65	852.48
	5/10/2012	16:40	10.70	25.0	5.0 (dry)	2.3	12.2	914	7.98			864.65	853.95
	12/12/2012	9:20	13.30	25.0	4.0 (dry)	1.9	10.6	619	7.70			864.65	851.35
	6/5/2013	13:20	9.90	25.0	6.0 (dry)	2.5	11.5	622	7.84			864.65	854.75
MW-14IR	11/12/2013	8:40	11.60	25.0	5.0 (dry)	2.2	10.0	658	7.93			864.65	853.05
MW-14IR	5/13/2014	11:20	10.43	25.0	5.0 (dry)	2.4	10.2	624	7.81			864.65	854.22
	11/7/2014	10:30	11.44	25.0	5.0 (dry)	2.2	12.8	588	7.51			864.65	853.21
	5/14/2015	10:30	11.76	25.0	5.0 (dry)	2.2	9.3	582	7.68			864.65	852.89
MW-14IR	11/12/2015	8:40	11.68	25.0	5.0 (dry)	2.2	13.6	584	7.10			864.65	852.97
	5/18/2016	11:00	10.43	25.0	5.0 (dry)	2.4	10.5	715	7.44			864.65	854.22
	11/28/2016	15:40	10.04	25.0	5.0 (dry)	2.4	11.2	725	7.62			864.65	854.61
MW-14IR	5/17/2017	14:20	9.45	25.0	5.0 (dry)	2.5	12.1	789	7.48			864.65	855.20
	11/15/2017	14:50	11.11	25.0	5.0 (dry)	2.3	14.5	797	7.26			864.65	853.54
	5/9/2018	11:40	10.15	25.0	4.0 (dry)	2.4	10.1	771	7.16			864.65	854.50
MW-14IR	11/29/2018	10:20	8.60	25.0	5.0 (dry)	2.7	13.1	722	7.26			864.65	856.05
	5/15/2019	12:00	9.05	25.0	4.0 (dry)	2.6	11.3	676	7.34			864.65	855.60
	11/11/2019	16:30	8.97	25.0	5.0 (dry)	2.6	12.0	650	7.20			864.65	855.68
	5/13/2020	11:50	8.33	25.0	5.0 (dry)	2.7	10.6	740	7.04			864.65	856.32
	11/12/2020	11:50	7.75	25.0	4.5 (dry)	2.8	15.9	1051	7.44			864.65	856.90
	5/12/2021	14:20	8.78	25.0	4 (dry)	2.6	11.4	1956	7.23			864.65	855.87
	12/21/2021	13:15	12.20	25.0	6.5	2.1	13.0	>3999	7.36			864.65	852.45
	5/26/2022	13:45	9.46	25.0	3.5 (dry)	2.5	14.3	>3999	7.57			864.65	855.19
MW-14IR	11/16/2022	13:00	10.03	25.0	7.5	2.4	11.3	5890	7.52			864.65	854.62
MW-15D	3/10/2000	15:00	11.07	119.7	80	17.7	9.0	880	6.90			860.23	849.16
	5/16/2000	15:40	11.30	119.7	80	17.7	12.6	1048	6.94			860.23	848.93
	5/16/2000	15:50	11.30	119.7	80	17.7	12.6	1057	6.93			860.23	848.93
MW-15D	9/14/2000	15:30	9.97	119.7	80	17.7	16.0	1131	6.74			860.23	850.26
MW-15D	3/15/2001	15:10	10.31	119.7	80	17.8	10.2	1078	6.93	2.77	313	860.23	849.92

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-15D	6/26/2001	8:30	9.75	119.7	80	17.9	19.3	960	7.04			860.23	850.48
	9/19/2001	15:20	10.91	119.7	54	17.7	13.1	1119	7.25			860.23	849.32
	12/18/2001	Not sampled because well was obstructed by trailer.											
MW-15D	3/28/2002	15:00	10.25	119.4	65	17.8	10.8	775				860.23	849.98
	6/6/2002	13:35	10.50	119.7	77	17.8	14.9	843	7.43			860.23	849.73
	9/5/2002	13:00	12.44	119.7	55	17.5	12.4	1151	7.19	3.03	270	860.23	847.79
	12/17/2002	15:40	13.19	119.7	75	17.4	8.0	1157	7.75			860.23	847.04
MW-15D	3/21/2003	10:30	13.42	119.7	75	17.3	6.3	1174	7.39			860.23	846.81
MW-15D	9/23/2003	7:45	13.44	119.7	50	17.3	12.3	1094	7.05			860.23	846.79
	12/19/2003	10:05	13.07	119.7	50	17.4	14.0	838	7.29			860.23	847.16
	6/22/2004	13:05	9.97	119.7	60	17.9	15.5	1096	7.24			860.23	850.26
	9/8/2004	14:15	10.58	119.7	60	17.8	11.4	940	6.98			860.23	849.65
MW-15D	12/28/2004	11:15	11.41	119.7	55	17.7	10.9	1129	6.97			860.23	848.82
	6/30/2005	12:20	11.39	119.7	75	17.7	12.7	1096	6.94			860.23	848.84
	9/20/2005	12:10	12.66	119.7	55	17.4	11.9	1153	6.97			860.23	847.57
	12/29/2005	13:30	12.83	119.7	40	17.4	9.4	1147	7.05			860.23	847.40
MW-15D	5/17/2006	11:50	11.12	119.7	75	17.7	12.4	1135	7.17			860.23	849.11
	11/21/2006	15:40	10.03	119.7	80	17.9	10.5	1071	7.65			860.23	850.20
	5/23/2007	12:00	10.03	119.7	80	17.9	13.6	520	6.95			860.23	850.20
	12/5/2007	11:00	9.64	119.7	70	17.9	10.9	1070	7.13			860.23	850.59
MW-15D	5/30/2008	11:00	7.52	119.7	80	18.3	14.8	560	6.75			860.23	852.71
	11/25/2008	13:55	9.55	119.7	60	18.0	9.9	1282	7.17			860.23	850.68
	5/20/2009	14:55	8.34	119.7	70	18.2	17.1	740	7.08			860.23	851.89
	11/17/2009	16:45	10.33	119.7	71	17.8	8.7	1229	6.47			860.23	849.90
MW-15D	5/13/2010	10:05	9.61	119.7	75	17.9	11.3	1400	7.94			860.23	850.62
	11/16/2010	14:40	9.84	119.7	75	17.9	11.9	1320	7.14			860.23	850.39
	5/12/2011	14:30	8.84	119.7	80	18.1	12.6	1519	7.70			860.23	851.39
MW-15D	11/10/2011	14:15	10.52	119.7	75	17.8	13.7	1561	7.07			860.23	849.71
MW-15D	5/10/2012	14:10	10.04	119.7	80	17.9	10.5	1528	7.60			860.23	850.19

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-15D	11/29/2012	12:50	12.03	119.7	80	17.6	10.3	1427	7.64			860.23	848.20
	6/4/2013	18:30	9.30	119.7	80	18.0	13.5	1475	7.54			860.23	850.93
	11/11/2013	15:05	10.48	119.7	80	17.8	9.8	1305	7.62			860.23	849.75
MW-15D	5/13/2014	8:45	10.05	119.7	80	17.9	11.6	1561	7.93			860.23	850.18
	11/6/2014	14:05	10.81	119.7	70	17.7	12.2	1555	7.30			860.23	849.42
	5/13/2015	17:15	11.04	119.7	70	17.7	12.7	1501	7.49			860.23	849.19
	11/11/2015	13:45	11.05	119.7	80	17.7	12.3	1563	6.91			860.23	849.18
MW-15D	5/17/2016	15:35	9.75	119.7	80	17.9	11.9	1668	7.13			860.23	850.48
MW-15D	11/29/2016	14:50	9.45	119.7	80	18.0	13.4	1742	7.19			860.23	850.78
	5/18/2017	16:25	8.57	119.7	1	18.1	11.7	1397	7.21	1.64	44	860.23	851.66
	11/16/2017	11:30	9.89	119.7	2	17.9	11.7	1510	7.42	10.96	79	860.23	850.34
MW-15D	5/9/2018	14:50	8.82	119.7	1	18.1	12.1	970	7.59	4.36	3	860.23	851.41
	11/28/2018	12:10	7.44	119.7	1	18.3	11.4	1032	7.13	3.68	86	860.23	852.79
	5/13/2019	14:35	7.75	119.7	1	18.2	12.4	948	7.69	4.67	70	860.23	852.48
	11/13/2019	12:50	7.75	119.7	1	18.2	11.1	1295	7.38	2.23	19	860.23	852.48
MW-15D	5/13/2020	14:30	8.08	119.7	1	18.2	12.0	1245	7.83	2.09	-6	860.23	852.15
	11/12/2020	14:00	9.45	119.7	20	18.0	13.0	1377	6.81			860.23	850.78
	5/13/2021	14:15	9.98	119.7	1	17.9	14.9	1464	7.48	2.59	138	860.23	850.25
	12/21/2021	11:10	10.40	119.7	1	17.8	11.4	1640	5.98	1.54	14.1	860.23	849.83
	5/26/2022	12:30	11.41	119.7	1	17.7	18.3	768	5.39	7.11	239	860.23	848.82
MW-15D	11/16/2022	10:00	11.62	119.7	1	17.6	9.4	1480	6.91	3.86	33.9	860.23	848.61
MW-16D	3/7/2000	13:10	11.48	114.7	80	16.8	14.3	495	6.97			860.90	849.42
	5/16/2000	10:45	11.85	114.7	80	16.8	12.6	427.6	6.93			860.90	849.05
	9/14/2000	10:50	10.55	114.7	70	16.8	13.1	604	7.39			860.90	850.35
	6/26/2001	13:05	10.50	114.7	80	17.0	19.4	544	7.09			860.90	850.40
MW-16D	9/19/2001	11:50	11.47	114.7	50	16.8	14.2	566	7.76			860.90	849.43
	12/18/2001	12:55	11.35	114.7	50	17.0	11.1	389.6	7.33			860.90	849.55
	3/27/2002	9:55	10.91	114.0	50	16.8	10.7	568	7.15			860.90	849.99
MW-16D	6/6/2002	9:40	11.36	114.7	72	16.8	14.5	448	7.78			860.90	849.54

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-16D	9/6/2002	10:20	13.38	114.7	55	16.5	12.4	542.8	7.57	10.47	221	860.90	847.52
MW-16D	12/11/2002	10:00	13.78	114.7	71	16.4	10.1	595	8.00			860.90	847.12
	3/20/2003	11:20	13.87	114.7	75	16.4	11.9	570	7.29			860.90	847.03
	6/12/2003	8:50	13.17	114.7	50	16.5	11.6	564	7.32			860.90	847.73
	9/22/2003	11:00	13.94	114.7	50	16.4	12.0	557	6.86			860.90	846.96
	12/18/2003	10:20	13.36	114.8	50	16.5	5.1	343.4	7.39			860.90	847.54
	6/21/2004	13:40	10.46	114.8	60	17.0	13.9	579	7.33			860.90	850.44
	9/8/2004	8:45	11.12	114.8	60	16.9	11.7	503	7.09			860.90	849.78
	12/28/2004	10:20	11.87	114.7	70	16.8	11.9	549	7.18			860.90	849.03
MW-16D	6/29/2005	14:40	11.99	114.7	70	16.7	13.3	550	7.33			860.90	848.91
MW-16D	9/20/2005	8:30	13.08	114.7	55	16.6	11.6	571	6.53			860.90	847.82
	12/29/2005	11:35	13.24	114.7	36	16.5	12.0	610	7.25			860.90	847.66
	5/17/2006	11:00	11.59	114.7	67	16.8	12.1	558	7.35			860.90	849.31
	11/21/2006	14:30	10.50	114.7	80	17.0	11.4	558	7.71			860.90	850.40
MW-16D	5/22/2007	12:20	9.70	114.7	80	17.1	13.8	260	7.23			860.90	851.20
	5/30/2008	10:00	8.39	114.7	80	17.3	14.5	250	6.95			860.90	852.51
	11/24/2008	15:50	10.06	114.7	60	17.1	11.7	703	7.46			860.90	850.84
	5/20/2009	13:25	8.82	114.7	100	17.3	17.8	330	7.31			860.90	852.08
MW-16D	11/17/2009	12:55	11.05	114.7	100	16.9	9.0	586	7.31			860.90	849.85
	5/12/2010	12:10	10.10	114.7	100	17.0	9.7	1160	7.94			860.90	850.80
	11/15/2010	12:00	10.30	114.7	100	17.0	12.0	596	6.98			860.90	850.60
MW-16D	5/12/2011	13:35	9.39	114.7	75	17.2	14.6	621	7.90			860.90	851.51
	11/10/2011	9:20	11.00	114.7	120	16.9	12.4	605	7.41			860.90	849.90
	5/10/2012	10:50	10.46	114.7	120	17.0	12.7	578	7.85			860.90	850.44
	11/29/2012	9:30	12.48	114.7	70	16.7	9.1	590	7.80			860.90	848.42
MW-16D	6/4/2013	15:40	9.69	114.7	70	17.1	14.2	544	7.75			860.90	851.21
	11/11/2013	11:50	10.89	114.7	70	16.9	11.9	564	7.89			860.90	850.01
	5/12/2014	14:20	10.59	114.7	70	17.0	12.2	638	8.03			860.90	850.31
MW-16D	11/6/2014	9:50	11.16	114.7	70	16.9	11.9	566	7.72			860.90	849.74

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-16D	5/13/2015	13:00	11.50	114.7	70	16.8	12.2	548	7.52			860.90	849.40
MW-16D	11/11/2015	10:30	11.54	114.7	70	16.8	12.2	553	7.13			860.90	849.36
	5/17/2016	11:30	10.17	114.7	75	17.0	12.6	605	7.41			860.90	850.73
	11/29/2016	10:00	9.95	114.7	75	17.1	12.9	604	7.55			860.90	850.95
	5/18/2017	12:15	8.90	114.7	2	17.2	11.7	554	7.23	6.44	24	860.90	852.00
	11/16/2017	8:55	10.28	114.7	1	17.0	11.4	603	7.39	11.61	70	860.90	850.62
	5/10/2018	11:40	10.39	114.7	1	17.0	11.4	483	7.76	7.07	26	860.90	850.51
	11/28/2018	9:35	7.84	114.7	1	17.4	11.0	568	6.61	5.89	80	860.90	853.06
	5/13/2019	12:30	8.23	114.7	0.5	17.4	12.6	525	7.70	7.19	-21	860.90	852.67
MW-16D	11/13/2019	9:30	8.19	114.7	1	17.4	9.5	577	6.77	4.83	-24	860.90	852.71
MW-16D	5/13/2020	13:30	8.37	114.7	1	17.3	12.5	576	7.44	3.64	-41	860.90	852.53
	11/12/2020	9:50	9.78	114.7	1	17.1	11.8	593	7.26	3.76	178	860.90	851.12
	5/12/2021	9:40	10.19	114.7	1	17.0	10.8	593	8.08	3.89	101	860.90	850.71
	12/22/2021	9:25	11.80	114.7	1	16.8	8.0	548	6.18	7.87	216	860.90	849.10
MW-16D	5/27/2022	8:45	11.11	114.7	1	16.9	11.0	443	6.48	9.32	169	860.90	849.79
MW-17D	3/7/2000	16:30	10.88	114.9	80	16.9	17.2	766	7.05			860.05	849.17
	5/16/2000	13:30	11.17	114.9	80	16.9	15.9	785	7.03			860.05	848.88
MW-17D	9/14/2000	13:25	10.36	114.9	70	16.9	15.7	873	7.11			860.05	849.69
	3/15/2001	12:40	11.52	114.9	70	16.8	9.6	795.3	7.11	4.50	370	860.05	848.53
	6/26/2001	15:30	10.05	114.9	80	17.1	18.8	737	7.33			860.05	850.00
MW-17D	9/19/2001	11:01	11.01	114.9	50	16.9	14.4	822	7.50			860.05	849.04
	12/19/2001	11:30	10.65	114.9	50	17.0	14.3	664	7.24			860.05	849.40
	3/27/2002	12:20	10.26	115.0	52	17.1	10.8	862	7.02			860.05	849.79
MW-17D	6/6/2002	13:40	11.20	114.9	73	16.9	15.0	655	7.44			860.05	848.85
MW-17D	9/6/2002	12:15	14.65	114.9	55	16.3	12.1	831.8	7.59	3.77	273	860.05	845.40
(duplicate)	9/6/2002	12:20	14.65	114.9	55	16.3	11.9	832.7	7.57	3.44	275	860.05	845.40
MW-17D	12/11/2002	12:05	13.87	114.9	50	16.5	10.5	850	7.37			860.05	846.18
	3/20/2003	13:05	13.87	114.9	75	16.5	11.9	835	7.22			860.05	846.18
MW-17D	6/12/2003	10:15	12.56	114.9	55	16.7	12.1	855	6.75			860.05	847.49

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-17D	9/22/2003	13:00	13.49	114.9	50	16.5	13.6	843	7.15			860.05	846.56
	12/18/2003	12:30	17.46	115.0	50	15.9	10.3	585	7.03			860.05	842.59
	6/22/2004	12:00	9.90	115.0	60	17.1	19.1	803	7.30			860.05	850.15
	9/8/2004	9:45	10.60	115.0	60	17.0	12.9	748	7.11			860.05	849.45
	12/28/2004	13:05	11.23	114.9	51	16.9	13.2	864	6.80			860.05	848.82
MW-17D	6/30/2005	10:50	11.42	114.9	60	16.9	15.2	866	6.98			860.05	848.63
	9/20/2005	10:30	12.37	114.9	55	16.7	13.4	852	7.10			860.05	847.68
	12/29/2005	15:40	12.54	114.9	33.5	16.7	8.6	872	7.45			860.05	847.51
	5/17/2006	14:00	10.77	114.9	70	17.0	13.1	851	7.12			860.05	849.28
	11/21/2006	17:00	9.91	114.9	40	17.1	11.1	779	7.70			860.05	850.14
MW-17D	5/23/2007	10:50	9.21	114.9	40	17.2	15.4	400	7.14			860.05	850.84
MW-17D	12/5/2007	13:10	9.69	114.9	40	17.1	13.5	390	7.29			860.05	850.36
MW-17D	5/30/2008	12:45	8.07	114.9	40	17.4	16.5	400	7.00			860.05	851.98
	11/24/2008	13:20	10.14	114.9	55	17.1	11.5	833	7.34			860.05	849.91
	5/19/2009	15:40	8.44	114.9	66	17.4	18.1	1040	7.19			860.05	851.61
	11/17/2009	17:00	10.37	114.9	63	17.0	9.0	858	7.08			860.05	849.68
MW-17D	5/13/2010	9:50	9.45	114.9	55	17.2	11.2	1000	7.93			860.05	850.60
MW-17D	11/15/2001	16:20	9.77	114.9	69	17.1	10.8	913	6.78			860.05	850.28
	5/12/2011	13:50	8.77	114.9	65	17.3	14.8	931	7.80			860.05	851.28
	11/10/2011	12:10	10.34	114.9	70	17.0	13.6	995	7.36			860.05	849.71
MW-17D	5/10/2012	13:00	9.71	114.9	70	17.1	11.8	904	7.86			860.05	850.34
	11/29/2012	11:30	11.82	114.9	60	16.8	10.8	890	7.73			860.05	848.23
	6/4/2013	17:10	9.08	114.9	55	17.2	14.1	840	7.78			860.05	850.97
MW-17D	11/11/2013	13:50	10.31	114.9	55	17.0	10.2	830	7.43			860.05	849.74
	5/12/2014	16:00	9.82	114.9	55	17.1	12.6	860	7.96			860.05	850.23
	11/6/2014	12:20	10.56	114.9	55	17.0	13.1	865	7.38			860.05	849.49
	5/13/2015	15:30	10.72	114.9	50	17.0	12.3	808	7.33			860.05	849.33
	11/11/2015	12:20	10.77	114.9	50	17.0	13.3	864	7.04			860.05	849.28
MW-17D	5/17/2016	13:30	9.46	114.9	50	17.2	14.0	902	7.27			860.05	850.59

Table 3. Monitor Well Field Sampling Results, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Sample Date	Time	Depth to Water (feet btoc)	Well Depth (feet btoc)	Purge Volume (gallons)	Casing Volume (gallons)	Temp-erature (C)	Conductivity (umhos/cm)	pH	Dissolved Oxygen (mg/L)	Eh (mV)	Top of Casing Elev. (feet MSL)	Ground-water Elev. (feet MSL)
MW-17D	11/29/2016	12:30	9.25	114.9	50	17.2	12.6	953	7.56			860.05	850.80
	5/18/2017	14:10	8.28	114.9	1	17.4	11.8	847	7.21	1.44	46	860.05	851.77
	11/16/2017	10:15	11.72	114.9	1	16.8	11.7	901	7.37	7.82	79	860.05	848.33
	5/10/2018	12:55	9.90	114.9	1	17.1	11.7	702	7.75	2.87	62	860.05	850.15
	11/28/2018	10:40	7.21	114.9	1	17.6	10.7	848	7.05	2.56	77	860.05	852.84
MW-17D	5/13/2019	13:30	7.94	114.9	1	17.4	12.9	781	8.27	4.06	18	860.05	852.11
	11/13/2019	11:30	7.92	114.9	1	17.4	10.3	861	7.26	1.54	-25	860.05	852.13
	5/13/2020	16:00	8.21	114.9	1	17.4	12.4	849	8.12	1.44	6	860.05	851.84
	11/12/2020	11:00	9.56	114.9	1	17.2	12.1	864	6.85	1.37	155	860.05	850.49
	5/12/2021	10:50	9.92	114.9	1	17.1	12.1	849	7.25	4.65	187	860.05	850.13
	12/22/2021	10:40	11.32	114.9	1	16.9	8.7	839	7.02	2.29	174	860.05	848.73
	5/27/2022	9:40	13.34	114.9	1	16.6	11.3	803	7.06	1.75	171	860.05	846.71
MW-17D	11/16/2022	14:15	15.60	114.9	1	16.2	9.3	790	7.96	2.08	18.2	860.05	844.45
EW-1	5/16/2000	14:30	11.11									860.08	848.97

Notes: Wells MW-14S and MW-14I were abandoned during soil excavation activities, and replaced February 2000.
Groundwater remediation system (extraction well EW-1) became operational March 20, 2000.
feet btoc = feet below top of casing
feet MSL = feet above mean sea level
Started using the low-flow sampling method to sample monitoring wells MW-15D, MW-16D and MW-17D in 2017.

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-1S	5.4	854.71	14.9	845.21	12/20/1996	860.11	7.62	852.49
					3/18/2000	860.11	9.00	851.11
					5/17/2000	860.11	8.75	851.36
					9/6/2002	860.11	11.16	848.95
					6/12/2003	860.11	10.03	850.08
					6/21/2004	860.11	6.80	853.31
					9/19/2005	860.11	10.59	849.52
					5/16/2006	860.11	7.36	852.75
					5/22/2007	860.11	7.29	852.82
					5/20/2009	860.11	6.83	853.28
					5/13/2010	860.11	6.67	853.44
					11/16/2010	860.11	7.70	852.41
					5/12/2011	860.11	6.84	853.27
					5/10/2012	860.11	6.85	853.26
					6/10/2013	860.11	7.18	852.93
					5/13/2014	860.11	6.27	853.84
					5/14/2015	860.11	7.76	852.35
					5/17/2016	860.11	7.16	852.95
					5/18/2017	860.11	6.73	853.38
					5/10/2018	860.11	6.96	853.15
					5/16/2019	860.11	6.29	853.82
					5/13/2020	860.11	6.41	853.70
MW-1S					5/14/2021	860.11	7.32	852.79
MW-1I	22.6	837.55	27.6	832.55	12/18/1996	860.15	7.70	852.45
					3/18/2000	860.15	9.47	850.68
					5/17/2000	860.15	9.33	850.82
					9/6/2002	860.15	10.43	849.72
					6/12/2003	860.15	10.46	849.69
					6/21/2004	860.15	7.00	853.15
					9/19/2005	860.15	10.64	849.51
					5/16/2006	860.15	7.97	852.18
					5/22/2007	860.15	7.25	852.90
					5/20/2009	860.15	6.93	853.22
					5/13/2010	860.15	6.90	853.25
					11/16/2010	860.15	7.81	852.34
MW-1I					5/12/2011	860.15	6.92	853.23
MW-2S	4.9	854.98	14.9	844.98	12/18/1996	859.88	8.57	851.31
					3/17/2000	859.86	9.53	850.33
					5/17/2000	859.86	9.60	850.26
					9/6/2002	859.86	11.12	848.74
					6/12/2003	859.86	10.25	849.61
					6/21/2004	859.86	7.98	851.88
					9/19/2005	859.86	10.52	849.34
MW-2S					5/16/2006	859.86	8.78	851.08

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-2S					5/22/2007	859.86	8.07	851.79
					5/20/2009	859.86	7.81	852.05
MW-2S					5/13/2009	859.86	7.90	851.96
					11/15/2010	859.86	8.86	851.00
					5/12/2011	859.86	7.91	851.95
					5/10/2012	859.86	8.25	851.61
					6/10/2013	859.86	8.07	851.79
					5/13/2014	859.86	8.11	851.75
					5/14/2015	859.86	8.74	851.12
					5/17/2016	859.86	8.20	851.66
					5/18/2017	859.86	7.67	852.19
					5/10/2018	859.86	8.11	851.75
					5/16/2019	859.86	7.52	852.34
					5/13/2020	859.86	7.73	852.13
					5/14/2021	859.86	8.43	851.43
MW-2S					5/26/2022	859.86	8.65	851.21
MW-3S	4.3	854.43	14.3	844.43	12/16/1996	858.73	9.90	848.83
					9/6/2002	858.73	13.13	845.60
					6/12/2003	858.73	11.08	847.65
					6/21/2004	858.73	7.78	850.95
					9/19/2005	858.73	10.19	848.54
					5/16/2006	858.73	9.45	849.28
					5/22/2007	858.73	8.21	850.52
					5/20/2009	858.73	7.35	851.38
					5/13/2010	858.73	7.82	850.91
					11/15/2010	858.73	7.68	851.05
					5/12/2011	858.73	7.59	851.14
					5/10/2012	858.73	Dry	
					6/10/2013	858.73	7.65	851.08
					5/13/2014	858.73	7.65	851.08
					5/14/2015	858.73	7.48	851.25
					5/18/2017	858.73	6.84	851.89
					5/10/2018	858.73	7.47	851.26
					5/16/2019	858.73	6.75	851.98
					5/13/2020	858.73	7.08	851.65
					5/14/2020	858.73	Dry	
MW-3S					5/26/2022	858.73	Dry	
MW-4S	4.7	851.64	14.7	841.64	12/18/1996	856.34	8.08	848.26
MW-4S					5/22/2007	Unable to locate.		
MW-5S	4.7	852.70	14.7	842.70	12/20/1996	857.40	4.94	852.46
					3/11/2000	857.40	6.65	850.75
					5/17/2000	857.40	6.56	850.84
					9/6/2002	857.40	8.49	848.91
MW-5S	4.7	852.70	14.7	842.70	6/12/2003	857.40	8.10	849.30

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-5S					9/19/2005	857.40	8.80	848.60
MW-5S					5/16/2006	857.40	5.38	852.02
MW-5S					5/22/2007	857.40	4.51	852.89
MW-5S					5/20/2009	Unable to locate.		
MW-5I	19.8	837.76	24.8	832.76	12/20/1996	857.56	5.14	852.42
MW-5I					3/11/2000	857.56	6.94	850.62
					5/17/2000	857.56	6.87	850.69
					9/6/2002	857.56	8.40	849.16
MW-5I					6/12/2003	857.56	8.77	848.79
					5/16/2006	857.56	5.59	851.97
					5/22/2007	857.56	4.62	852.94
MW-5I					5/20/2009	Unable to locate.		
MW-6S	5.1	855.88	15.1	845.88	12/20/1996	860.98	9.88	851.10
					9/6/2002	860.98	11.34	849.64
MW-6S					6/12/2003	860.98	10.85	850.13
					6/21/2004	860.98	8.20	852.78
MW-6S					9/19/2005	860.98	11.31	849.67
					5/16/2006	860.98	9.65	851.33
					5/22/2007	860.98	8.29	852.69
MW-6S					5/20/2009	860.98	7.80	853.18
					5/13/2010	860.98	8.49	852.49
					11/15/2010	860.98	9.35	851.63
					5/12/2011	860.98	8.36	852.62
MW-6S					5/10/2012	Well is damaged. No cover; jagged PVC casing above ground surface.		
MW-7S	4.2	855.83	14.2	845.83	12/16/1996	860.03	6.09	853.94
					9/6/2002	860.03	8.55	851.48
MW-7S					6/12/2003	860.03	9.06	850.97
					6/21/2004	860.03	5.85	854.18
					9/19/2005	860.03	9.29	850.74
					5/16/2006	860.03	5.65	854.38
					5/22/2007	860.03	6.18	853.85
					5/13/2010	860.03	3.97	856.06
					11/15/2010	860.03	7.01	853.02
					5/12/2011	860.03	4.93	855.10
					5/10/2012	860.03	6.09	853.94
					6/10/2013	860.03	6.17	853.86
					5/13/2014	860.03	4.15	855.88
					5/14/2015	860.03	6.94	853.09
					5/17/2016	860.03	6.34	853.69
					5/18/2017	860.03	5.08	854.95
					5/16/2019	860.03	5.05	854.98
					5/13/2020	860.03	5.81	854.22
MW-7S					5/14/2021	860.03	6.56	853.47

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-7S					5/26/2022	860.03	6.67	853.36
MW-8S	3.5	849.05	13.5	839.05	12/18/1996	852.55	5.74	846.81
MW-8S					9/6/2002	852.55	7.67	844.88
MW-8S					6/12/2003	852.55	4.79	847.76
					6/21/2004	852.55	3.58	848.97
					5/16/2006	852.55	3.03	849.52
					5/22/2007	852.55	3.38	849.17
MW-8S					5/20/2009	Unable to locate.		
					5/10/2012	852.55	3.09	849.46
					6/10/2013	852.55	3.14	849.41
					5/13/2014	852.55	2.68	849.87
MW-8S					5/14/2015	852.55	3.59	848.96
					5/17/2016	852.55	3.07	849.48
					5/18/2017	852.55	2.61	849.94
					5/10/2018	852.55	2.71	849.84
					5/16/2019	852.55	2.70	849.85
					5/13/2020	852.55	2.79	849.76
					5/14/2021	852.55	3.20	849.35
MW-8S					5/26/2022	852.55	3.01	849.54
MW-9S	5.4	845.30	15.4	835.30	12/18/1996	850.70	2.56	848.14
MW-9S					5/22/2007	Unable to locate.		
MW-10S	3.9	856.42	13.9	846.42	12/20/1996	860.32	6.94	853.38
					3/21/2003	860.32	12.74	847.58
					6/12/2003	860.32	10.72	849.60
					9/23/2003	860.32	12.00	848.32
					12/19/2003	860.32	11.03	849.29
					6/22/2004	860.32	6.46	853.86
MW-10S	3.9	856.42	13.9	846.42	9/8/2004	860.32	8.23	852.09
					12/28/2004	860.32	9.55	850.77
					9/19/2005	860.32	10.75	849.57
					12/29/2005	860.32	11.27	849.05
					5/16/2006	860.32	8.71	851.61
					5/22/2007	860.32	6.85	853.47
					12/4/2007	860.32	7.62	852.70
					5/29/2008	860.32	5.93	854.39
					11/25/2008	860.32	7.70	852.62
					5/20/2009	860.32	5.96	854.36
MW-10S					5/13/2010	860.32	6.86	853.46
					11/15/2010	860.32	7.96	852.36
					5/12/2011	860.32	6.43	853.89
					5/10/2012	860.32	7.09	853.23
					6/10/2013	860.32	6.38	853.94
					5/13/2014	860.32	6.97	853.35
MW-10S					5/14/2015	860.32	8.06	852.26

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-10S					5/17/2016	860.32	6.79	853.53
MW-10S					11/28/2016	860.32	7.09	853.23
					5/17/2017	860.32	5.90	854.42
MW-10S					11/15/2017	860.32	7.49	852.83
MW-10S					5/9/2018	860.32	6.56	853.76
					11/28/2018	860.32	5.74	854.58
					5/15/2019	860.32	5.47	854.85
					11/11/2019	860.32	5.81	854.51
MW-10S					5/13/2020	860.32	5.69	854.63
					11/12/2020	860.32	7.05	853.27
					5/13/2021	860.32	7.11	853.21
					12/21/2021	860.32	9.20	851.12
MW-10S					5/26/2022	860.32	7.76	852.56
MW-10I	21.5	838.96	26.5	833.96	12/20/1996	860.46	7.24	853.22
					3/18/2000	860.46	10.58	849.88
					6/26/2001	860.46	8.24	852.22
					9/20/2001	860.46	9.33	851.13
					12/18/2001	860.46	9.25	851.21
					3/27/2002	860.46	8.53	851.93
MW-10I					6/6/2002	860.46	8.04	852.42
					9/5/2002	860.46	10.70	849.76
					12/11/2002	860.46	12.05	848.41
					3/20/2003	860.46	12.83	847.63
					6/12/2003	860.46	11.30	849.16
					9/23/2003	860.46	12.32	848.14
					12/19/2003	860.46	12.10	848.36
MW-10I					6/22/2004	860.46	7.26	853.20
					9/8/2004	860.46	8.66	851.80
					12/28/2004	860.46	9.97	850.49
					9/19/2005	860.46	11.10	849.36
					12/29/2005	860.46	11.51	848.95
					5/16/2006	860.46	8.90	851.56
MW-10I					5/22/2007	860.46	7.39	853.07
					12/4/2007	860.46	7.90	852.56
					5/29/2008	860.46	6.22	854.24
					11/25/2008	860.46	8.10	852.36
					5/20/2009	860.46	6.56	853.90
					5/13/2010	860.46	6.94	853.52
MW-10I					11/15/2010	860.46	8.23	852.23
					5/12/2011	860.46	6.40	854.06
					5/10/2012	860.46	6.94	853.52
					6/10/2013	860.46	6.76	853.70
					5/13/2014	860.46	6.91	853.55
MW-10I					5/14/2015	860.46	8.23	852.23

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-10I					5/17/2016	860.46	6.96	853.50
					11/28/2016	860.46	7.08	853.38
					5/17/2017	860.46	6.10	854.36
					11/15/2017	860.46	7.74	852.72
MW-10I					5/9/2018	860.46	6.73	853.73
MW-10I					11/28/2018	860.46	6.00	854.46
MW-10I					5/15/2019	860.46	5.78	854.68
					11/11/2019	860.46	6.02	854.44
					5/13/2020	860.46	6.02	854.44
					11/12/2020	860.46	7.40	853.06
					5/13/2021	860.46	7.52	852.94
					12/21/2021	860.46	9.56	850.90
MW-10I					5/26/2022	860.46	8.14	852.32
MW-11S	4.9	856.36	14.9	846.36	12/16/1996	861.26	7.38	853.88
					9/6/2002	861.26	9.22	852.04
MW-11S					6/12/2003	861.26	10.45	850.81
					6/21/2004	861.26	5.60	855.66
MW-11S					9/19/2005	861.26	10.25	851.01
					5/16/2006	861.26	7.88	853.38
					5/22/2007	861.26	5.32	855.94
MW-11S					5/13/2010	861.26	5.85	855.41
					11/15/2010	861.26	7.56	853.70
					5/12/2011	861.26	5.22	856.04
					5/10/2012	861.26	6.24	855.02
MW-11S					6/10/2013	861.26	5.59	855.67
					5/13/2014	861.26	5.79	855.47
					5/14/2015	861.26	7.66	853.60
					5/17/2016	861.26	6.46	854.80
					5/18/2017	861.26	5.38	855.88
					5/10/2018	861.26	5.63	855.63
					5/15/2019	861.26	5.04	856.22
					5/13/2020	861.26	5.30	855.96
					5/14/2021	861.26	6.82	854.44
MW-11S					5/26/2022	861.26	6.96	854.30
MW-12S	12.7	857.92	22.7	847.92	12/16/1996	870.62	17.12	853.50
					6/12/2003	870.62	21.43	849.19
MW-12S					6/22/2004	870.62	16.40	854.22
					9/19/2005	870.62	20.67	849.95
					5/16/2006	870.62	18.62	852.00
					5/22/2007	870.62	16.67	853.95
					5/20/2009	870.62	15.76	854.86
					5/13/2010	870.62	16.74	853.88
MW-12S					11/15/2010	870.62	17.73	852.89

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-12S					5/12/2011	870.62	16.01	854.61
MW-12S					5/10/2012	870.62	16.63	853.99
					6/10/2013	870.62	15.97	854.65
					5/13/2014	870.62	16.52	854.10
					5/14/2015	870.62	17.81	852.81
					5/17/2016	870.62	16.48	854.14
MW-12S					5/18/2017	870.62	15.30	855.32
MW-12S					5/10/2018	870.62	16.24	854.38
					5/15/2019	870.62	15.05	855.57
					5/13/2020	870.62	15.12	855.50
					5/14/2021	870.62	16.84	853.78
MW-12S					5/26/2022	870.62	17.47	853.15
MW-13S	2.8	861.30	12.8	851.30	5/17/2000	864.10	10.13	853.97
					5/17/2000	864.10	10.93	853.17
					9/14/2000	864.10	8.95	855.15
					9/6/2002	864.10	11.89	852.21
MW-13S					6/21/2004	864.10	7.94	856.16
					9/19/2005	864.10	11.79	852.31
					5/16/2006	864.10	11.72	852.38
MW-13S					5/22/2007	864.10	9.31	854.79
					5/20/2009	864.10	8.52	855.58
MW-13S					5/13/2010	864.10	9.11	854.99
					11/15/2010	864.10	10.45	853.65
					5/12/2011	864.10	8.54	855.56
					5/10/2012	864.10	9.29	854.81
					6/10/2013	864.10	8.47	855.63
					5/13/2014	864.10	9.36	854.74
					5/14/2015	864.10	10.81	853.29
					5/17/2016	864.10	9.35	854.75
MW-13S					5/18/2017	864.10	8.29	855.81
					5/10/2018	864.10	8.88	855.22
					5/15/2019	864.10	7.94	856.16
					5/13/2020	864.10	8.09	856.01
					5/14/2021	864.10	9.76	854.34
MW-13S					5/26/2022	864.10	10.52	853.58
MW-14S	4.7	859.36	14.7	849.36	12/20/1996	864.06	10.44	853.62
MW-14SR	5.1	859.72	15.1	849.72	3/18/2000	864.82	14.05	850.77
					5/17/2000	864.82	13.77	851.05
					9/14/2000	864.82	11.33	852.73
					6/26/2001	864.82	10.46	854.36
					12/18/2001	864.82	12.07	852.75
					3/27/2002	864.82	10.46	854.36
					6/6/2002	864.82	10.33	854.49
MW-14SR					9/5/2002	864.82	14.15	850.67

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-14SR					12/11/2002	864.82	14.80	850.02
MW-14SR					3/20/2003	864.82	14.82	850.00
					6/12/2003	864.82	14.45	850.37
					9/22/2003	864.82	Dry	
					12/18/2003	864.82	11.23	853.59
					6/21/2004	864.82	8.56	856.26
					9/8/2004	864.82	12.01	852.81
					12/28/2004	864.82	13.44	851.38
MW-14SR					9/19/2005	864.82	14.71	850.11
MW-14SR					12/29/2005	864.82	14.73	850.09
					5/16/2006	864.82	10.43	854.39
					5/22/2007	864.82	9.86	854.96
MW-14SR					12/4/2007	864.82	11.52	853.30
					5/29/2008	864.82	9.48	855.34
					11/25/2008	864.82	11.15	853.67
					5/20/2009	864.82	9.26	855.56
					5/13/2010	864.82	9.85	854.97
					11/15/2010	864.82	11.34	853.48
					5/12/2011	864.82	9.30	855.52
					5/10/2012	864.82	9.10	855.72
MW-14SR					6/10/2013	864.82	9.27	855.55
					5/13/2014	864.82	9.30	855.52
					5/14/2015	864.82	10.80	854.02
MW-14SR					5/17/2016	864.82	9.96	854.86
					11/28/2016	864.82	10.53	854.29
					5/17/2017	864.82	9.01	855.81
					11/15/2017	864.82	11.31	853.51
					5/9/2018	864.82	9.45	855.37
					11/29/2018	864.82	9.26	855.56
					5/15/2019	864.82	8.51	856.31
					11/11/2019	864.82	9.07	855.75
					5/13/2020	864.82	8.47	856.35
					11/12/2020	864.82	9.03	855.79
					5/12/2021	864.82	8.85	855.97
					12/21/2021	864.82	11.03	853.79
MW-14SR					5/26/2022	864.82	9.15	855.67
MW-14I	20.0	844.44	25.0	839.44	12/20/1996	864.44	10.20	854.24
MW-14IR	19.6	845.05	24.6	840.05	3/18/2000	864.65	14.01	850.64
MW-14IR					5/17/2000	864.65	14.17	850.48
					9/14/2000	864.65	12.23	852.42
					6/27/2001	864.65	11.65	853.00
					12/18/2001	864.65	12.53	852.12
					3/27/2002	864.65	11.98	852.67
MW-14IR					6/6/2002	864.65	11.47	853.18

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-14IR					9/5/2002	864.65	14.16	850.49
					12/11/2002	864.65	14.91	849.74
					3/20/2003	864.65	16.19	848.46
					6/12/2003	864.65	14.90	849.75
MW-14IR					9/22/2003	864.65	15.92	848.73
					12/18/2003	864.65	15.34	849.31
					6/21/2004	864.65	10.16	854.49
					9/8/2004	864.65	12.22	852.43
MW-14IR					12/28/2004	864.65	13.98	850.67
MW-14IR					9/19/2005	864.65	14.75	849.90
MW-14IR					12/29/2005	864.65	16.39	848.26
					5/16/2006	864.65	12.41	852.24
					5/22/2007	864.65	10.76	853.89
MW-14IR					12/4/2007	864.65	10.45	854.20
					5/29/2008	864.65	9.81	854.84
					11/25/2008	864.65	10.70	853.95
MW-14IR					5/20/2009	864.65	10.00	854.65
					5/13/2010	864.65	10.64	854.01
					11/15/2010	864.65	11.09	853.56
					5/12/2011	864.65	10.06	854.59
					5/10/2012	864.65	10.70	853.95
MW-14IR					6/10/2013	864.65	10.11	854.54
					5/13/2014	864.65	10.43	854.22
					5/14/2015	864.65	11.76	852.89
MW-14IR					5/17/2016	864.65	10.43	854.22
					11/28/2016	864.65	10.04	854.61
					5/17/2017	864.65	9.45	855.20
MW-14IR					11/15/2017	864.65	11.11	853.54
					5/9/2018	864.65	10.15	854.50
					11/29/2018	864.65	8.60	856.05
					5/15/2019	864.65	9.05	855.60
					11/11/2019	864.65	8.97	855.68
					5/13/2020	864.65	8.33	856.32
					11/12/2020	864.65	7.75	856.90
					5/12/2021	864.65	8.78	855.87
					12/21/2021	864.65	12.20	852.45
MW-14IR					5/26/2022	864.65	9.69	854.96
MW-15D	109.7	750.53	119.7	740.53	3/10/2000	860.23	11.07	849.16
					5/16/2000	860.23	11.30	848.93
					5/16/2000	860.23	11.30	848.93
					9/14/2000	860.23	9.97	850.26
					6/26/2001	860.23	9.75	850.48
					3/28/2002	860.23	10.25	849.98
MW-15D					6/6/2002	860.23	10.50	849.73

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-15D					9/5/2002	860.23	12.44	847.79
					12/17/2002	860.23	13.19	847.04
					3/21/2003	860.23	13.42	846.81
					6/12/2003	860.23	12.72	847.51
					9/23/2003	860.23	13.44	846.79
MW-15D					12/19/2003	860.23	13.07	847.16
					6/22/2004	860.23	9.97	850.26
					9/8/2004	860.23	10.58	849.65
					12/28/2004	860.23	11.41	848.82
					9/20/2005	860.23	12.66	847.57
MW-15D					12/29/2005	860.23	12.83	847.40
MW-15D					5/16/2006	860.23	11.12	849.11
					5/22/2007	860.23	9.20	851.03
					12/5/2007	860.23	9.64	850.59
					5/30/2008	860.23	7.52	852.71
MW-15D					11/25/2008	860.23	9.55	850.68
					5/20/2009	860.23	8.34	851.89
					11/17/2009	860.23	10.33	849.90
					5/13/2010	860.23	9.28	850.95
MW-15D					11/15/2010	860.23	9.84	850.39
					5/12/2011	860.23	8.84	851.39
					5/10/2012	860.23	10.04	850.19
					6/10/2013	860.23	9.46	850.77
					5/13/2014	860.23	10.11	850.12
					5/13/2015	860.23	11.04	849.19
					5/17/2016	860.23	9.75	850.48
MW-15D					11/29/2016	860.23	9.45	850.78
					5/18/2017	860.23	8.57	851.66
					11/16/2017	860.23	9.89	850.34
					5/9/2018	860.23	9.82	850.41
					11/28/2018	860.23	7.44	852.79
MW-15D					5/13/2019	860.23	7.75	852.48
					11/13/2019	860.23	7.94	852.29
					5/13/2020	860.23	8.08	852.15
					11/12/2020	860.23	9.45	850.78
					5/13/2021	860.23	9.98	850.25
					12/21/2021	860.23	10.40	849.83
MW-15D					5/26/2022	860.23	11.49	848.74
MW-16D	104.7	756.20	114.7	746.20	3/7/2000	860.90	11.48	849.42
					5/16/2000	860.90	11.85	849.05
					9/14/2000	860.90	10.55	850.35
					6/26/2001	860.90	10.50	850.40
					12/18/2001	860.90	11.35	849.55
MW-16D					3/27/2002	860.90	10.91	849.99

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-16D					6/6/2002	860.90	11.36	849.54
					9/6/2002	860.90	13.38	847.52
					12/11/2002	860.90	13.78	847.12
					3/20/2003	860.90	13.87	847.03
MW-16D					6/12/2003	860.90	13.17	847.73
					9/22/2003	860.90	13.94	846.96
					12/18/2003	860.90	13.36	847.54
					6/21/2004	860.90	10.46	850.44
MW-16D					9/8/2004	860.90	11.12	849.78
					12/28/2004	860.90	11.87	849.03
					9/19/2005	860.90	13.08	847.82
MW-16D					12/29/2005	860.90	13.24	847.66
MW-16D					5/16/2006	860.90	11.59	849.31
					5/22/2007	860.90	9.70	851.20
					5/30/2008	860.90	8.39	852.51
					11/24/2008	860.90	10.06	850.84
MW-16D					5/20/2009	860.90	8.82	852.08
					11/17/2009	860.90	11.05	849.85
					5/13/2010	860.90	9.71	851.19
					11/15/2010	860.90	10.30	850.60
					5/12/2011	860.90	9.39	851.51
					5/10/2012	860.90	10.46	850.44
MW-16D					6/10/2013	860.90	9.80	851.10
					5/13/2014	860.90	10.49	850.41
					5/13/2015	860.90	11.50	849.40
					5/17/2016	860.90	10.17	850.73
					11/29/2016	860.90	9.95	850.95
MW-16D					5/18/2017	860.90	8.90	852.00
					11/16/2017	860.90	10.43	850.47
					5/10/2018	860.90	10.39	850.51
MW-16D					11/28/2018	860.90	7.84	853.06
					5/13/2019	860.90	8.23	852.67
					11/13/2019	860.90	8.19	852.71
					5/13/2020	860.90	8.37	852.53
					11/12/2020	860.90	9.78	851.12
					5/12/2021	860.90	10.19	850.71
					12/22/2021	860.90	11.80	849.10
MW-16D					5/26/2002	860.90	11.13	849.77
MW-17D	104.9	755.15	114.9	745.15	3/7/2000	860.05	10.88	849.17
					5/16/2000	860.05	11.17	848.88
					9/14/2000	860.05	10.36	849.69
					6/26/2001	860.05	10.05	850.00
					12/19/2001	860.05	10.65	849.40
MW-17D					3/27/2002	860.05	10.26	849.79

Table 4. Groundwater Elevation Summary Table, Former Sta-Rite Facility, Deerfield, Wisconsin

WELL ID	Top of Well Screen (feet btoc)	Top of Well Screen (feet MSL)	Bottom of Well Screen (feet btoc)	Bottom of Well Screen (feet MSL)	Sample Date	Top of Casing Elevation (feet MSL)	Depth to Water (ft. btoc)	Groundwater Elevation (feet MSL)
MW-17D					6/6/2002	860.05	11.20	848.85
					9/6/2002	860.05	14.65	845.40
					12/11/2002	860.05	13.87	846.18
					3/20/2003	860.05	13.87	846.18
MW-17D					6/12/2003	860.05	12.56	847.49
					9/22/2003	860.05	13.49	846.56
					12/18/2003	860.05	17.46	842.59
					6/21/2004	860.05	9.90	850.15
MW-17D					9/8/2004	860.05	10.60	849.45
					12/28/2004	860.05	11.23	848.82
					9/19/2005	860.05	12.37	847.68
					12/29/2005	860.05	12.54	847.51
MW-17D					5/16/2006	860.05	10.77	849.28
MW-17D					5/22/2007	860.05	9.21	850.84
					12/5/2007	860.05	9.69	850.36
					5/30/2008	860.05	8.07	851.98
					11/24/2008	860.05	10.14	849.91
					5/20/2009	860.05	8.44	851.61
MW-17D					11/17/2009	860.05	10.37	849.68
					5/13/2010	860.05	9.03	851.02
					11/15/2010	860.05	9.77	850.28
					5/12/2011	860.05	8.77	851.28
MW-17D					5/10/2012	860.05	9.71	850.34
					6/10/2013	860.05	9.14	850.91
					5/13/2014	860.05	9.66	850.39
					5/13/2015	860.05	10.72	849.33
					5/17/2016	860.05	9.46	850.59
					11/29/2016	860.05	9.25	850.80
					5/18/2017	860.05	8.29	851.76
MW-17D					11/16/2017	860.05	11.77	848.28
					5/10/2018	860.05	9.62	850.43
					11/28/2018	860.05	7.21	852.84
MW-17D					5/16/2019	860.05	7.94	852.11
MW-17D					11/13/2019	860.05	7.92	852.13
					5/13/2020	860.05	8.21	851.84
					11/12/2020	860.05	9.56	850.49
					5/12/2021	860.05	9.92	850.13
					12/22/2021	860.05	11.32	848.73
MW-17D					5/26/2022	860.05	10.66	849.39
EW-1	14.7	845.38	114.7	745.38	5/16/2000	860.08	11.11	848.97

Notes: feet btoc = feet below top of casing feet MSL = feet above mean sea level

Wells MW-14S and MW-14I were abandoned during soil excavation activities, and replaced in February 2000 by MW-14SR and MW-14IR.

Groundwater remediation system (extraction well EW-1) became operational March 20, 2000.

SYSTEM OPERATIONAL DATA

FORMER STA-RITE DEERFIELD FACILITY GROUNDWATER REMEDIATION SYSTEM DATA SHEET

Project Number: 117-7469005

Location: 38 West Nelson Street, Deerfield, WI

Date	Time	Water Meter Readings (gallons)	Pumping Rate (gpm)	Volume of AquaMag in Yellow Tank (gallons)	Pressure Gauge Readings (psi)					Air Stripper Air-Flow Reading (scfm)	Comments
					Left Bag Filter		Right Bag Filter		Center Gauge		
					Upper Gauge	Lower Gauge	Upper Gauge	Lower Gauge			
11-18-21	14:00	5,541,643	0	35	0	0	0	0	0	0	FILLED AQUA-MAG TANK RESTART SYSTEM:
11-23-21	13:50	5,654,032	15.6	29	24	8	12	10	14	154	SYSTEM CHECK. WEST SIDE BLDG LIGHT OUT.
11-30-21	08:45	5,807,014	15.6	35	16	8	12	10	14	154	FILLED AQUA-MAG TANK. AQUA-MAG DELIVERY CANCEL ZONE 4
12-2-21	12:50	5,855,888	15.6	33	22	8	12	10	14	154	CHANGE LIGHT BULBS
12-7-21	13:00	5,968,492	15.6	28	24	8	12	10	14	152	SYSTEM CHECK.
12-21-21	8:35	6,278,391	15.67	14	20	8	11	10	14	154	Filled Aqua-Mag. System check
12-28-21	10:05	6,437,240	15.6	53	19	7	12	9	14	154	system check
1-4-22	9:17	6,593,500		20	19	8	12	9	14	154	filled aquamag tank system check
1-11-22	14:15	6,755,841	15.6	28	22	8	12	10	14	160	SYSTEM CHECK
1-18-22	08:25	6,908,019	15.6	35	20	8	12	10	14	160	FILLED AQUA-MAG TANK
1-27-22	13:59	7,115,822	15.6	26	25	8	12	9	14	157	System check
2-3-22	12:35	7,271,966	15.6	35	18	8	12	10	14	160	FILLED AQUA-MAG TANK
2-8-22	12:50	7,384,579	15.6	30	23	8	12	10	14	157	SYSTEM CHECK
2-15-22	14:25	7,543,353	15.6	35	12	8	12	10	14	160	FILLED AQUA-MAG TANK
2-23-22	13:30	7,684,320	0	27	9	0	0	0	5	160	System check
2-28-22	14:20	7,684,346	0	27	0	0	0	0	0	0	SYSTEM RESTARTED AT 14:18
2-28-22	15:00	7,684,975	15.7	35	>100	25	12	10	14	154	SYSTEM BACK ON LINE FILLED AQUA-MAG TANK

Note: gpm = gallons per minute psi = pounds per square inch scfm = standard cubic feet per minute

TETRATECH

FORMER STA-RITE DEERFIELD FACILITY GROUNDWATER REMEDIATION SYSTEM DATA SHEET

Project Number: 117-7469005

Location: 38 West Nelson Street, Deerfield, WI

Date	Time	Water Meter Readings (gallons)	Pumping Rate (gpm)	Volume of AquaMag in Yellow Tank (gallons)	Pressure Gauge Readings (psi)					Air Stripper Air-Flow Reading (scfm)	Comments
					Left Bag Filter		Right Bag Filter		Center Gauge		
					Upper Gauge	Lower Gauge	Upper Gauge	Lower Gauge			
2-28-22	15:00	7,684,975	15.7	35	>100	25	12	10	14	154	FILLED AQUA-MAG TANK SYSTEM BACK ON LINE
3-9-22	14:20	7,889,421	15.6	27	>100	24	10	10	14	158	SYSTEM CHECK
3-15-22	10:10	8,021,120	15.5	20	>100	24	10	10	14	158	Filled Aqua Mag system check
3-22-22	13:43	8,182,600	15.4	28	>100	24	10	9	14	158	System check
3-31-22	13:45	8,377,670	15.7	20	>100	24	10	9	14	158	system check
4/6/22	15:07	8486870	15.3	15	>100	24	10	9	14	158	system check filled aquamag
4/14/22	14:39	8680530	15.3	27	>100	24	10	9	14	158	system check
4/19/22	13:26	8787020	15.3	23	>100	24	10	9	12	158	system check
4/26/22	9:50	8934230	15.3	16	>100	24	10	9	12	158	system check filled aqua mag
5/3/22	14:07	9,088,273	~~15.0~~	28	>100 broken	24	10	9	12	154	System check
5/10/22	13:55	9,237,731	14.8	20	11	23	10	9	12	154	Filled Aqua Mag tank to 35gal
5/17/22	13:12	9388120	13.3	28	>100 11	24	10	9	12	154	system check
5/24/22	14:47	9541420	20.0	22	>100 11	24	10	9	12	154	system check
5/31/22	12:22	9693090	21.0	15	>100	24	10	9	12	156	system check Aqua mag fill
6/9/22	9:50	9886920	21.0	27	>100	24	10	9	12	156	system check
6/14/22	14:02	9979660	13.3	23	>100	24	10	9	12	154	system check
6/16/22	11:06	10,017,432	15.3	20	>100	24	10	9	12	150	system restart

Note: gpm = gallons per minute psi = pounds per square inch scfm = standard cubic feet per minute

TETRA TECH

FORMER STA-RITE DEERFIELD FACILITY GROUNDWATER REMEDIATION SYSTEM DATA SHEET

Project Number: 117-7469005				Volume of AquaMag in Yellow Tank (gallons)	Pressure Gauge Readings (psi)					Air Stripper Air-Flow Reading (scfm)	Comments
Location: 38 West Nelson Street, Deerfield, WI					Left Bag Filter		Right Bag Filter				
Date	Time	Water Meter Readings (gallons)	Pumping Rate (gpm)		Upper Gauge	Lower Gauge	Upper Gauge	Lower Gauge	Center Gauge		
6/28/22	10:00	0281840	15.7	11 gal	<100	22	10	8	12	158	system check A.M. filled to 35
7/5/22	10:30	0436100	15.4	27gal	<100	22	10	8	12	158	system check
7/13/22	11:02	0611900	15.7	22gal	<100	22	10	8	12	158	system check
7/20/22	9:15	0763370	15.7	35gal	<100	22	10	8	12	158	system check AM filled to 35
7/23/22	19:12	0837792	0	32	<100	0	Shut-down caused by power outage due to storm.				
7/24/22	13:15	0837792	0	32	<100	0	0	0	0	0	Re-start system.
7/24/22	13:32	0838050	15.2	32	<100	23	10	9	12	147	

Note: gpm = gallons per minute psi = pounds per square inch scfm = standard cubic feet per minute

TETRA TECH

FORMER STA-RITE DEERFIELD FACILITY GROUNDWATER REMEDIATION SYSTEM DATA SHEET

Project Number: 117-7469~~005~~010

Location: 38 West Nelson Street, Deerfield, WI

Date	Time	Water Meter Readings (gallons)	Pumping Rate (gpm)	Volume of AquaMag in Yellow Tank (gallons)	Pressure Gauge Readings (psi)					Air Stripper Air-Flow Reading (scfm)	Comments
					Left Bag Filter		Right Bag Filter		Center Gauge		
					Upper Gauge	Lower Gauge	Upper Gauge	Lower Gauge			
6/28/22	10:00	0281840	15.7	11 gal	<100	22	10	8	12	158	system check A.M. filled to 35
7/5/22	10:30	0436100	15.4	27gal	<100	22	10	8	12	158	system check
7/13/22	11:02	0611900	15.7	22gal	<100	22	10	8	12	158	system check
7/20/22	9:15	0763370	15.7	35gal	<100	22	10	8	12	158	system check AM Filled to 35
7/26/22	14:15	0882480	13.33	29 gal	<100	22	10	8	12	158	system check
8/2~~3~~/22	9:35	1031170		22gal	<100	22	10	8	12	158	system check
8/9/22	9:07	1183140		35 gal	<100	22	10	8	12	158	system check AM. filled
8/16/22	8:48	1334860		27gal	<100	22	10	8	12	158	system check AquaMag Delivery
8/23/22	10:42	1487990		20gal	<100	22	10	8	12	158	system check
8/30/22	11:47	1640000	13.33								Filled AM Tank
~~9/6/22~~	~~12:05~~										
9/6/22	12:52	1,791,540	14.9	25gal	<100	22	9	8	12	147	Collect Influent & Effluent Samples
9/13/22	15:48	1944370	13.33	19 gal	<100	22	10	8	12	147	system check
9/20/22	11:33	2090740		11 gal	<100	22	10	8	12	177	system check AquaMag filled
9/23/22	10:39	2168824	0	32	0	0	0	0	0	0	OFF due to high sump water level
9/24/22	16:17	2164824	0	32	Pump in Well won't start.						Restart
10/19/22	10:16	2,164,832	0	32	Install new pump				Re-start		System

Note: gpm = gallons per minute psi = pounds per square inch scfm = standard cubic feet per minute

10/19/22 10:48 2,165,524 = 21.6 gpm

TETRA TECH

FORMER STA-RITE DEERFIELD FACILITY GROUNDWATER REMEDIATION SYSTEM DATA SHEET

Project Number: 117-7469005

Location: 38 West Nelson Street, Deerfield, WI

Date	Time	Water Meter Readings (gallons)	Pumping Rate (gpm)	Volume of AquaMag in Yellow Tank (gallons)	Pressure Gauge Readings (psi)					Air Stripper Air-Flow Reading (scfm)	Comments
					Left Bag Filter		Right Bag Filter		Center Gauge		
					Upper Gauge	Lower Gauge	Upper Gauge	Lower Gauge			
10/19/22	10:16	2,164,832	0	32	<100	0	0	0	0	0	Restart system
10/19/22	10:48	2,165,524	21.6	32	<100	29	20	15	23	153	
10/19/22	11:13	2,166,038	20.6	32	System shut down, Alarm #2.						
10/19/22	11:31	2,166,038	0	32							Restart
10/19/22	12:14	2,167,002	22.4	32	<100	30	22	16	23	150	
10/19/22	12:32	2,167,405	22.4	32	<100	30	22	16	23	150	
10/25/22	11:25	2,354,250		24	<100	30	22	16	23	150	system check
11/01/22	14:13	2,571,380	20.0	15	<100	30	22	16	23	150	system check
11/8/22	10:04	2,779,320	20.0	35	<100	30	22	16	23	150	system check - fill A.M
11/15/22	10:00	2,990,630	20.96	27	<100	30	22	16	23	150	system check
11/22/22	11:30	3203320	20.91	18	<100	30	22	16	23	150	system check
11/29/22	10:50	3,412,340	20.0	35	<100	30	22	16	23	150	system check - Fill A.M
12/6/22	9:24	3,621,000	20.6	27	<100	30	22	16	23	150	system check
12/13/22	10:10	3,831,620	20.6	18	<100	30	22	16	23	150	system check
12/20/22	10:16	4,038,820	20.6	35	<100	30	22	16	23	150	system check Fill A.M
12/27/22	10:16	4,244,510	20.6	27	<100	30	22	16	23	150	system check
1/3/22	11:00	4,450,300	21.0	19	<100	30	22	16	23	150	system check

Note: gpm = gallons per minute psi = pounds per square inch scfm = standard cubic feet per minute

1440 min/day

LMI AA171-150SH Chemical Metering Pump Data Sheet
Sta-Rite Deerfield Remediation System

Install Date: May 18, 2006
Pump Model Number: AA171-150SH Pump Serial Number: 06042162397-1
Desired Pumping Rate of AquaMag and Water Mixture = 1 gallon per day

Water and AquaMag Mixture Ratio for Yellow 35-Gallon Polyethylene Holding Tank for a Total Pumping Rate of 1 gallon/day: 27 gallons Water; 8 gallons AquaMag.

Initial Calibrated Pump Settings to deliver 1 gallon per day: Stroke = 30; Speed = 20

To Prime Pump: While pump is running, set speed knob at 80 and stroke knob at 100. ¼ turn open the relief valve (black knob). A small amount of solution should discharge out of the return line of multi-function valve. Once this happens, ¼ turn or release the black knob on the valve. The pump is now primed.

Pumping Rate Checks and Pump Stroke and Speed Settings

Date	Volume of Water + AquaMag in Tank (gallons)	Calculated Pumping Rate (gal/day)	Stroke	Speed
10-5-21	21 GALS IN TANK. ADD 3.5 GALS AQUA-MAG + 10.5 GALS H2O	1.0	50	10
10-19-21	20 GALS IN TANK. ADD 3.5 GALS AQUA-MAG AND 11.5 GALS H2O	1.07	50	10
11-2-21	20 GALS IN TANK. ADD 3.5 GALS AQUA-MAG AND 11.5 GALS H2O	1.07	50	10
11-18-21	20 GALS IN TANK. ADD 3.5 GALS AQUA-MAG AND 11.5 GALS H2O	0.9	50	10
11-30-21	22 GALS IN TANK. ADD 3.5 GALS AQUA-MAG AND 9.5 GALS H2O	1.08	50	10
12-21-21	14 gal in tank. Add 16 gal H2O and 5 gal AquaMag	1.0	50	10
1-4-22	20 gal in tank. Add 16 gal H2O and 5 gal Aquamag	1.0	50	10
1-18-22	21 GALS IN TANK. ADD 3.5 GALS AQUA-MAG AND 10.5 GALS H2O	1.0	50	10
2-3-22	18 GALS IN TANK. ADD 4 GALS AQUA-MAG AND 13 GALS H2O	1.06	50	10
2-15-22	23 GALS IN TANK. ADD 3 GALS AQUA-MAG AND 9 GALS H2O	1.0	50	10
2-28-22	27 GALS IN TANK. ADD 2 GALS AQUA-MAG AND 6 GALS H2O.	SYSTEM OFF NA	50	10
3-15-22	20 gal in tank Add 16 gal H2O, 5 gal AquaMag	1.0	50	10
4-6-22	15 gal in tank add 16 gal H2O 5 gal AquaMag	1.02	50	10
4-26-22	15 gal in tank add 16 gal H2O 5 gal Aquamag	1.0	50	10
5-10-22	20 gal in tank add 4 gal A.M. + 11 gal. H2O	1.1	50	10

LMI AA171-150SH Chemical Metering Pump Data Sheet
Sta-Rite Deerfield Remediation System

Install Date: May 18, 2006
Pump Model Number: AA171-150SH Pump Serial Number: 06042162397-1
Desired Pumping Rate of AquaMag and Water Mixture = 1 gallon per day

Water and AquaMag Mixture Ratio for Yellow 35-Gallon Polyethylene Holding Tank for a Total Pumping Rate of 1 gallon/day: 27 gallons Water; 8 gallons AquaMag.

Initial Calibrated Pump Settings to deliver 1 gallon per day: Stroke = 30; Speed = 20

To Prime Pump: While pump is running, set speed knob at 80 and stroke knob at 100. ¼ turn open the relief valve (black knob). A small amount of solution should discharge out of the return line of multi-function valve. Once this happens, ¼ turn or release the black knob on the valve. The pump is now primed.

Pumping Rate Checks and Pump Stroke and Speed Settings

Date	Volume of Water + AquaMag in Tank (gallons)	Calculated Pumping Rate (gal/day)	Stroke	Speed
5-10-22	20gal. in tank. Add 4gal A.M. + 11gal H_2O = 35gal	1.1	50	10
5/31/22	15 gal in tank Add 4.6 gal A.M	0.95	50	10
6/28/22	11 gal in tank add 7gal AquaMag & 17gal H2O	0.86	50	10
7/20/22	15 gal in tank Add 4.6 gal A.M	0.91	50	10
8/9/22	15 gal in tank add 4.6 gal A.M	1.5	50	10
8/30/22	18 gal in tank add 8 gal AM	1.6	50	10
9/20/22	11 gal in tank add 7 gal A.M	1.2	50	10
11/8/22	5 gal in tank add 8 gal AM	1.6	50	10
11/29/22	9 gal in tank add 7 gal AM	1.2	50	10
12/20/22	8 gal in tank add 7 gal AM	1.3	50	10
1/10/23	10 gal in tank add 8 gal AM	1.2	50	10
1/31/23	10 gal in tank add 6 gal AM	1.2	50	10

1-4-22

8:55 Arrived on site with system operating

Weather: 21° overcast

outfall good, dry floor

Aquamag tank @ 20 mL - filled

Meter Readings

Time	Meter	GPM
9:08	6593310	—
9:11	6593360	16.6
9:14	6593450	16.6
9:17	6593500	16.6

Site departure 9:45

1-18-22

07:45 ARRIVED ON SITE WITH SYSTEM OPERATING.

WEATHER PARTLY CLOUDY, TEMPERATURE 9°/37°

AIR INTAKE AND OUTFALL OK.

21 GALS IN AQUA-MAG TANK. ADD 3.5 GALS AQUA-MAG ADD 10.5 GALS H2O.

METER READINGS:

TIME	METER REG	GPM
08:10	1290785	—
08:15	1290823	15.2
08:20	1290941	15.2
08:25	1290979	15.2

08:40 SITE DEPARTURE

1-27-22

13:40 Arrived on site w/ system operating.

Weather: 35°, overcast
Air intake and outfall ok.

26 gal in AquaMag tank.

Meter Readings:

Time:	Meter:	GPM:
13:50	7115681	—
13:53	7115727	15.33
13:56	7115775	16.00
13:59	7115822	15.67

14:15 Site departure

2-3-22

12:00 ARRIVED ON SITE WITH SYSTEM OPERATING

WEATHER: SUNNY AND LIGHT WIND TEMP 0°/12°

OUTFALL AND AIR INTAKE OK.

18 GALS IN TANK. ADD 4 GALS AQUA-MAG AND 3 GALS H2O

METER READINGS:

TIME	METER RDG	GPM
12:20	7271752	—
12:25	7271810	15.6
12:30	7271888	15.6
12:35	7271966	15.6

12:45 SITE DEPARTURE

2-15-22

13:50 ARRIVED ON SITE, OUTFALL SYSTEM STARTING

WEATHER: PARTLY CLOUDY/WINDY 35°(37°)

OUTFALL AND AIR INTAKE OK

23 GAL IN TANK. ADD 3 GAL AQUA-MAG AND 9 GAL H2O

METER READINGS:

TIME	METER READ	GPM
14:10	7543129	—
14:15	7543206	15.4
14:20	7543285	15.8
14:25	7543363	15.6

14:35 SITE DEPARTURE

2-23-22

13:20 Arrived on site

weather: Sunny 16°

outfall area OK - gravity flow

Aquamag OK ~ 32 gallons

Meter readings:

Time	Meter	GPM
13:30	7,684,320	0

System not running upon Arrival

System shut down 13:40

System Re-start 13:45 - system not Running

LLD

2-24-22

09:00 Arrived on site with system off. Lower water to get system started on 2-23-22.

Check out main panel. Power running to all 3 switches.

Reset circuit breakers.

Check starter circuits:

Blower motor CR 205 starter pulls in when turned on and comes out when turned off. Blower working.

Pump motor starter C-3 pulls in and starts (turned on) and comes out when turned off. Power going to pump motor from panel, but pump is not working.

2-24-22

Power at main building.

Trench wiring and well head wiring needs to be checked.

Aqua-mag tank at 27 gallons.

Meter reading = 7,684,320

2-28-22

13:00 ARRIVED ON SITE. WILL SHUT OFF

WEATHER: SUNNY WITH LIGHT WINDS
HIGH OF 51°.

13:00 MET RYAN REICHERT FROM UNITED INDUSTRIAL AUTOMATION TO TROUBLE SHOOT POWER TO WELL PUMP.

TROUBLE SHOOT MAIN PANEL WITH WIRING BOX BELOW PANEL.

ONE OF TWO FUSES BLOWN GOING TO BUILDING HEATER. FUSE REPLACED WITH BUILDING HEAT WORKING AGAIN.

POWER FROM MAIN PANEL TO WIRING BOX OK.

2-28-22

PROBLEM APPEARS TO BE AT WELL HEAD WIRING OR PUMP.

PUMP WIRE CONNECTIONS CAME APART (CORRODED) INSIDE VAULT ABOVE WELL CASING. WIRING UNDER WATER AT TIMES WITH VAULT NOW SET AT 855. RETRACE WIRES AND RECONNECT. UNUSED WIRES NOW CAPPED TOGETHER. PUMP WIRES ATTACHED (SECURED) ABOVE WELL CASING. WIRES STILL ARE NOT WATER PROOF.

WIRE TRACING FINDINGS:

ONE OF THE TRENCH WIRES IS NO LONGER WORKING.

ONE OF THE FLOAT WIRES BEING USED TO REPLACE TRENCH WIRE. SMALLER GAUGE

2-28-22

Pump Barely Ran with Initial Restart. Noticed water bubbling inside open floor area. Fenced off attached to influent line cap apart. Reattach Fence and Restart with Pump working Restart around 14:18.

14:20 meter Reading = 7,684,346

14:40 Ryan From Utility Department Site.

Air Intake and outfall ok.

27-Gals in Arm-mag Tank. Add 2 Gals Bleaching and 2 Gals H2O. 35 Gallons in Tank.

UL: Pressure Gauge at >100 PSI. Gauge not working According to Mark. No water at Sample Tap.

2-28-22

METER READINGS:

Time	meter Rdg.	Gpm
14:20	7,684346	—
14:25	7684426	16
14:40	7684664	15.9
14:50	7684817	15.3
14:55	7684896	15.8
15:00	7684975	15.8

15:10 Site Departure

Note

System Sample Needs To Be Collected During March.


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TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL		DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		3-15-22	3-15-22		
CLOCK TIME (Military)		10:42	10:52		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		8021550	8021550		
FLOW RATE (gpm)		13.3	13.3		
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		11.2	12.3		
pH		7.56	8.64		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1147	1106		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	3-16-22	3-16-22		
SAMPLER'S NAME	L. DYKSTRA	L. DYKSTRA		

TETRA TECH

3-15-22

10:10 - Arrived w/ system running
Weather - 33°, Partly cloudy
AquaMag filled to 35 gals
March influent/effluent samples taken

Time	Meter RDG	GPM
10:30	8,021,370	—
10:33	8,021,420	16.7
10:36	8,021,470	16.7
10:39	8,021,510	13.3
10:42	8,021,550	13.3

Outfall area OK

Site Departure: 11:10

3-22-22

13:40 Arrived w/ system running
Weather - 46°, Rainy
AquaMag ~28 gal

Time	Meter RDG	GPM
13:43	8,182,600	—
13:46	8,182,650	16.6
13:49	8,182,700	16.6
13:52	8,182,740	13.3

Outfall Area OK
Site Departure: 13:55

3-31-22

13:40 Arrived on site with system running
36° overcast, snowey
AquaMag 20 gal

Time	Meter RDG	GPM
13:50	8,377,720	—
13:53	8,377,760	13.3
13:56	8,377,810	16.7
13:59	8,377,850	13.3

outfall area OK

site departure: 14:

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	CSL, KRG	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		5/26/22	5/26/22		
CLOCK TIME (Military)		13:40	13:55		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		9584170	—		
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		17.9	16.9		
pH		7.93	8.83		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1148	1107		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	5-27-22	5-27-22		
SAMPLER'S NAME	CSL	CSL		

TETRA TECH

6-16-22

10:40- Arrive on site with system down (power outage). Water on floor of remediation building (mopped after restart)

Weather: 80°, sunny and windy

outfall and air intake okay.

20 gal A.M. in tank

Meter Readings:

Time	Meter	GPM	
10:55	10017~~352~~262	0.0	system Restart
11:00	10017339	15.4	
11:03	10017386	15.67	
11:06	10017432	15.33	

11:20- Site departure

6-28-22

9:50 - Arrive on site with system running
Floor - Dry
weather: 75°. sunny

outfall and air intake OKAY

11 gal AquaMag - filled to 35 gal

Meter Readings

Time	Meter	GPM
10:00	0281840	—
10:03	0281880	13.33
10:06	0281920	13.33
10:09	0281960	13.33

10:15 - Site Departure

LauraDykstra

7-5-22

10:30 Arrived on site with system running

Weather: 81°, overcast

water on floor- mopped
outfall/intake area OK

Meter Readings

Time	Meter	GPM
10:33	0436150	—
10:36	0436200	16.67
10:39	0436240	13.33
10:42	0436280	13.33

Site departure: 10:45

Laura Dykstra

7-13-22

10:40 Arrived on site with system running

Weather: 73°, sunny

water on floor- mopped
outfall/intake area OK

Meter Readings

Time	Meter	GPM
11:02	0611900	—
11:05	0611950	16.67
11:08	0612000	16.67
11:11	0612040	13.33

AquaMag - 22 gal

Site departure- 11:15

7-20-22

8:50 Arrived on site with system running
weather 78° sunny

water on floor - Mopped
outfall area OK

AquaMag 15 gal - filled to 35

Meter Readings

Time	Meter	GPM
9:15	0763370	—
9:18	0763420	16.66
9:21	0763460	13.33
9:24	0763500	13.33

Site departure: 9:30

7-20-22

8:50 Arrived on site with system running
weather 78° sunny

water on floor - Mopped
outfall area OK

AquaMag 15 gal - filled to 35

Meter Readings

Time	Meter	GPM
9:15	0763370	—
9:18	0763420	16.66
9:21	0763460	13.33
9:24	0763500	13.33

Site departure: 9:30

Laura Dykstra

7/26/22

13:45 - Arrived on site with system running

weather: 79° cloudy

water on floor - mopped
outfall area OK

AquaMag 29 gal

Meter Readings

Time	Meter	GPM
14:03	0882300	—
14:06	0882350	16.67
14:09	0882390	13.33
14:12	0882440	16.67
14:15	0882480	13.33

site departure - 14:30

K. Rodriguez

8/2/22

9:30 arrived on site with system running
Weather: 71° sunny

Water on floor, mopped
Outfall area OK

AquaMag 22 gal

Meter Readings

Time	Meter	GPM
9:35	1031170	—
9:38	1031220	16.67
9:41	1031260	13.33
9:44	1031310	16.67

Site departure: 9:45

Laura Dykstra

Scale: 1 square = _____

8/9/22

8:15 Arrived on site w/ system running
Weather: 67° sunny

Water on floor - mopped (2.5 gal mopped)
outfall area OK

>10 gal AquaMag in holding tank

AquaMag 15 gal - filled to 35

Meter Readings

Time	Meter	GPM
9:07	1183140	—
9:10	1183190	16.67
9:13	1183240	16.67
9:16	1183280	13.33

Site Departure: 9:20

Laura Dykstra

Scale: 1 square = _____

8/16/22

8:30 Arrived on site with system running. Outfall area OK
- water on floor mopped
- Martelle AquaMag Delivery -tank full

AquaMag ~27 gal

Meter Readings

Time	Meter	GPM
8:48	1334860	—
8:51	1334900	13.33
8:54	1334940	13.33
8:57	1334990	16.67

Site Departure: 9:00

Laura DYKstra

Scale: 1 square = _____

8/23/22

10:30 Arrived on site with system running
outfall area OK
water on floor mopped

AquaMag ~20 gal

Meter Readings

Time	Meter	GPM
10:42	1487990	—
10:45	1488040	16.67
10:48	1488080	13.33
10:51	1488130	16.66

Site departure: 11:00

Laura DYKstra

Scale: 1 square = _____

8/30/22

11:00 Arrived on site with system running - outfall area OK

~10gal AM - filled to ~35gal

Water on floor - mopped

Meter Readings

Time	Meter	GpM
11:38	1639870	—
11:41	1639910	13.33
11:44	1639960	16.67
11:47	1640000	13.33

Site departure: 11:50

Laura Dykstra

Scale: 1 square = _____

Scale: 1 square = _____

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	Mark Menthey	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		9/6/22	9/6/22		
CLOCK TIME (Military)		12:30	12:45		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		1,791,212	1,791,540 = Met Read at		12:52
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		15.7	17.1		
pH		7.41	8.71		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1,070	1,052		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	9/6/22	9/6/22		
SAMPLER'S NAME	Mark M	Mark M.		

TETRA TECH

10-19-22 Mark M.

Install new 30gpm pump 8:00 - 9:20 am

Turn on pump at 9:25
No flow.
Meter Reading = 2164823.4 gal before re-start.
Re-set pipe in pitless adapter.
Meter = 2164832 Turned pump on for ~ 5 sec. at 10:00. Have flow to treatment system.
10:16 re-start system

Time	Gallons	GPM
10:16	2164832	0
10:48	2,165,524	21.6
11:13	2,166,038	20.0
Shut down alarm #2. at 11:13. Restart at 11:31.		
11:31	2,166,038	0
12:14	2,167,002	22.4
12:32	2,167,405	22.4

Leave with system on

Mark M.

Scale: 1 square = 19

10/25/22

11:20 Arrived on site with system running
weather: 50° cloudy, Rain

AquaMag at 24 gal

floor - Dry

Meter Readings

Time	Meter	GPM
11:27	2354290	
11:30	2354360	23.33
11:33	2354420	20.0
11:36	2354490	23.33

Site departure - 11:40

Laura Dykstra

Scale: 1 square =

Rite in the Rain

11/01/2022

14:00 - Arrived on site with system running. NO water on the floor. outfall area — OK.

weather 66° sunny

AquaMag at 15 gal

meter readings

Time	Meter	GPM
14:04	2571200	—
14:07	2571250	16.67
14:10	2571320	23.33
14:13	2571380	20.00

site departure — 14:20

KRG

11/8/22

9:50 - Arrived on site with system running - outfall area OK - floor is dry

weather 45° sunny

AquaMag at 5 gal - filled to 35 gal

meter readings

Time	Meter	GPM
10:04	2779320	—
10:07	2779380	20.0
10:10	2779430	16.67
10:13	2779490	20.0

Site departure - 10:20

LLD

Scale: 1 square = _____

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	KRG	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		11/16/22	11/16/22		
CLOCK TIME (Military)		14:47	14:20		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		3026792	3026231		
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		9.5	9.3		
pH		7.82	8.81		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1180	1170		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	11/17/22	11/17/22		
SAMPLER'S NAME	KRG	KRG		

TETRA TECH

11/15/22

9:50 31° snowing
Arrived on site with system running - outfall area OK

AquaMag ~27 gal

Meter Readings

Time	Meter	GPM
9:54	2990500	
9:57	2990570	23.33
10:00	2990630	20.0
10:03	2990700	23.33

Site departure 10:10

LLD

11/22/22

11:20 Arrived on site w/ system running - outfall area OK
40° sunny

AquaMag 18 gal

Meter Readings

Time	Meter	GPM
11:30	3203320	
11:33	3203380	20.0
11:36	3203450	23.33
11:39	3203510	20.0

Treatment room key missing - need replacement

Site departure 11:45

LLD

11/29/22
10:25
Arrived on site w/ system running
outfall area OK
Aqua Mag ~9 - filled to 35 gal
43° cloudy * key Replaced

Meter Readings

Time	Meter	GPM
10:44	3412220	
10:47	3412280	20.0
10:50	3412340	20.0
10:53	3412400	20.0

100 gal tank full to ~20 gal
System shut down at 10:55
to empty through airstripper
Meter at 11:18 = 3412400
System restart at 11:20
Meter Reading at 11:25
= 3412540
Site departure 11:30 LLD

Scale: 1 square = _____

Scale: 1 square = _____

11/29/22
10:25
Arrived on site w/ system running
outfall area OK
AquaMag ~ 9 - filled to 35 gal
43° cloudy * key Replaced

Meter Readings

Time	Meter	GPM
10:14	3412220	
10:47	3412280	20.0
10:50	3412340	20.0
10:53	3412400	20.0

100 gal tank full to ~ 20 gal
System shut down at 10:55
to empty through airstripper
meter at 11:18 = 3412400
System restart at 11:20
Meter Reading at 11:25
= 3412540
Site departure 11:30 LLD

12/6/22 9:20

Arrived on site w/ system running
outfall area OK
33° cloudy
AquaMag ~ 27 gal
floor - dry

Meter Readings

Time	Meter	GPM
9:24	3621000	
9:27	3621070	23.33
9:30	3621130	20.0
9:33	3621190	20.0

Site departure : 9:35 Laura D.

12/13/22

10:00 Arrived on site with system running - outfall area OK
No water on floor
AquaMag ~ 18 gal
34° cloudy

Meter Readings

Time	Meter	GPM
10:10	3831620	—
10:13	3831680	20.0
10:16	3831740	20.0
10:19	3831800	20.0

Site departure 10:20

Laura Dykstra

Scale: 1 square = _____

12/20/22

10:00 Arrived on site with system running - outfall area OK
No water on floor
AquaMag ~ 8 gal filled to 35 gal
20° cloudy

Meter Readings

Time	Meter	GPM
10:16	4038820	—
p:19	4038880	20.0
10:22	4038940	20.0
10:25	4038990	16.67

Site Departure 10:30

Laura Dykstra

Scale: 1 square = _____

12/27/22

10:00 Arrived on site with system running
Outfall area OK
11° Sunny
AquaMag ~ 27 gal

Meter Readings

Time	Meter	GPM
10:10	4244390	—
10:13	4244460	23.33
10:16	4244510	16.66
10:19	4244580	23.33

Site departure 10:20

Laura Dykstra

Scale: 1 square = _____

1/3/22

10:40 Arrived on site with system running
outfall area OK
37° Rainy
AquaMag ~ 19 gal

Meter Readings

Time	Meter	GPM
10:55	4450200	—
10:58	4450260	20.0
11:00	4450300	13.33
11:03	4450370	23.33

Site Departure 11:05

Laura Dykstra

Scale: 1 square = _____

SEMI-ANNUAL GROUNDWATER MONITORING
FIELD FORMS AND ANALYTICAL REPORTS

TETRA TECH

TETRA TECH GEO FIELD WATER LEVEL DATA SHEET

Project Number: 117-7469010.100
Location: Deerfield, WI
Personnel: CSL, KBG

Project Name: Sta-Rite, Deerfield Remedial Action
Instrument: Heron

Monitor Well Identification	Date	Time	Depth to Groundwater (feet below top of casing)	Comments
MW-1S	5/26			could not locate
MW-1I				Abandoned?
MW-2S		9:30	8.65	
MW-3S		9:50	Dry	OTB= 7.27
MW-4S				Abandoned?
MW-5S				Dumpster?
MW-5I				Dumpster?
MW-6S			NA	Damaged
MW-7S		9:22	6.67	
MW-8S		9:45	3.01	
MW-9S				Abandoned?
MW-10S		9:05	7.76	
MW-10I		8:55	8.14	
MW-11S		8:44	6.96	Measured from high point
MW-12S		9:14	17.47	
MW-13S		9:09	10.52	
MW-14SR		8:35	9.15	
MW-14IR		8:40	9.69	
MW-15D		9:00	11.49	
MW-16D		9:18	11.13	
MW-17D		9:33	10.66	

TETRA TECH

TETRA TECH FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite, Deerfield	TEMPERATURE	Hanna
PROJECT NO.	117-7469010.100	CONDUCTIVITY	Hanna
LOCATION	Deerfield, WI	pH METER	Hanna
PERSONNEL	CSL, KRG	OTHER	WLP: HERON

SAMPLE POINT		MW-10S	MW-10I	MW-14S(R)	MW-14I(R)	
WATER TYPE		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)		5/26/22	5/26/22	5/26/22	5/26/22	
CLOCK TIME (Military)		13:10	12:10	13:40	13:45	
DEPTH TO WATER (ft)*		7.73	8.09	9.06	9.46	
MEASURED WELL DEPTH (ft)*		13.75	26.27	15.04	24.76	
PURGE/CASING VOL. (gal)		2 (dry)	9	2.5 (dry)	3.5 (dry)	
DEPTH SAMPLE TAKEN (ft)*						
SAMPLING DEVICE		Bailer	Bailer	Bailer	Bailer	
FIELD TEMPERATURE (°C)		15.3	14.9	14.2	14.3	
ELEC. COND. (umhos/cm)	MEASURED	Not Measured	Not Measured	Not Measured	Not Measured	
	AT 25 °C	>3999	1114	>3999	>3999	
pH		6.93	7.86	8.03	7.57	
COLOR		clear	Yellow-Brn	Lt. Brn	clear	
ODOR		None	None	None	None	
CLARITY		clear	cloudy	cloudy	clear	
SAMPLING PARAMETERS		# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
VOCs (EPA Method SW 8260B)		3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	
NAME OF LABORATORY		Test America	Test America	Test America	Test America	
DATE SENT TO LABORATORY		5-27-22	5-27-22	5-27-22	5-27-22	
SAMPLER-S NAME		CSL	CSL	CSL	CSL	

* Measured from top of well casing.

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM FOR SAMPLEPRO AND PERISTALTIC PUMPS

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Pentair Deerfield	Temp., pH,	QED MP20 Flow Cell Meter
PROJECT NO.	117-7469010.100	Conductivity	QED MP20 Flow Cell Meter
LOCATION	Deerfield, WI	ORP	QED MP20 Flow Cell Meter
PERSONNEL	CSL, KRG	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	MW-15D	MW-16D	MW-17D
WATER TYPE	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	5/26/22	5/27/22	5/27/22
STATIC WATER LEVEL (ft)*/TIME	11.41	11.11	13.34
WELL DEPTH (feet)*	119.20	113.90	114.70
PUMP INLET DEPTH (feet)*	114.20	108.90	109.70
ENDING WATER LEVEL (ft)*/TIME	11.70	11.22	13.61
START PURGE TIME (Military)	12:30	8:45	9:40
END PURGE TIME (Military)	12:50	9:00	9:55
PURGE VOLUME (gallons)	1	1	1
SAMPLE TIME (Military)	12:55 / 13:00	9:00	10:00

INDICATOR PARAMETERS	MW-15D 1st	MW-15D 2nd	MW-15D 3rd	MW-16D 1st	MW-16D 2nd	MW-16D 3rd	MW-17D 1st	MW-17D 2nd	MW-17D 3rd
TIME (minutes)	0:00	1:00	2:00	1:00	2:00	3:00	0:00	1:00	2:00
TEMPERATURE (° C)	22.02	19.76	18.32	11.20	11.07	11.03	11.46	11.35	11.30
ELEC. COND. (uS/cm)	1.227	1.217	0.768	0.434	0.427	0.423	0.805	0.804	0.803
DISSOLVED OXYGEN (ppm)	6.56	7.32	7.11	8.13	8.50	9.32	2.56	2.10	1.75
pH	5.30	5.37	5.39	6.28	6.40	6.48	6.90	6.99	7.06
ORP (mV)	234	232	239	170	168	169	172	172	171
DISSOLVED OXYGEN (% Sat.)	75.4	80.5	75.8	74.2	77.3	84.7	23.6	19.2	16.0
COLOR	Lt. Brn			Clear			Clear		
ODOR	None			None			None		
CLARITY	Cloudy			Clear			Clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
VOCs 8260B	3-40 mL; G; HCL-L; No	3-40 mL; G; HCL-L; No	3-40 mL; G; HCL-L; No
	Duplicate		

NAME OF LABORATORY	Test America	Test America	Test America
DATE SENT TO LAB	5-27-22	5-27-22	5-27-22
SAMPLER=S NAME	CSL	CSL	CSL

*Measured from top of well casing.

TETRA TECH

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	CSL, KRG	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		5/26/22	5/26/22		
CLOCK TIME (Military)		13:40	13:55		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		9584170	—		
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		17.9	16.9		
pH		7.93	8.83		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1148	1107		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	5-27-22	5-27-22		
SAMPLER'S NAME	CSL	CSL		

TETRA TECH

TETRA TECH FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite, Deerfield	TEMPERATURE	Hanna
PROJECT NO.	117-7469010.100	CONDUCTIVITY	Hanna
LOCATION	Deerfield, WI	pH METER	Hanna
PERSONNEL	KRG	OTHER	WLP: HERON

SAMPLE POINT		MW-10S	MW-10I	MW-14S(R)	MW-14I(R)	
WATER TYPE		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)		11/16/22	11/16/22	11/16/22	11/16/22	
CLOCK TIME (Military)		13:35	13:50	12:50	13:00	
DEPTH TO WATER (ft)*		7.05	8.10	9.58	10.03	
MEASURED WELL DEPTH (ft)*		13.75	26.27	15.04	24.76	
PURGE/CASING VOL. (gal)		2 (dry)	9	2.75	7.5	
DEPTH SAMPLE TAKEN (ft)*						
SAMPLING DEVICE		Bailer	Bailer	Bailer	Bailer	
FIELD TEMPERATURE (°C)		8.2	11.7	10.8	11.3	
ELEC. COND. (umhos/cm)	MEASURED	Not Measured	Not Measured	Not Measured	Not Measured	
	AT 25 °C	2460	320	2400	5890	
pH		7.14	8.30	8.34	7.52	
COLOR		lt. brown	lt. brown	lt. brown	clear	
ODOR		none	none	none	none	
CLARITY		cloudy	cloudy	cloudy	clear	
SAMPLING PARAMETERS		# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
VOCs (EPA Method SW 8260B)		3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	3 - 40 ml; G; HCL - L; No	
NAME OF LABORATORY		Test America	Test America	Test America	Test America	
DATE SENT TO LABORATORY		11/17/22	11/17/22	11/17/22	11/17/22	
SAMPLER'S NAME		KRG	KRG	KRG	KRG	

* Measured from top of well casing

TETRA TECH

TETRA TECH LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM FOR SAMPLEPRO AND PERISTALTIC PUMPS

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Pentair Deerfield	Temp., pH,	QED MP20 Flow Cell Meter
PROJECT NO.	117-7469010.100	Conductivity	QED MP20 Flow Cell Meter
LOCATION	Deerfield, WI	ORP	QED MP20 Flow Cell Meter
PERSONNEL	Laura Dykstra	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	MW-15D Dup1	MW-16D	MW-17D
WATER TYPE	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	11/16/22	NS	11/16/22
STATIC WATER LEVEL (ft)*/TIME	11.62 / 10:00		20.33 / 13:35
WELL DEPTH (feet)*	119.20	113.90	114.70
PUMP INLET DEPTH (feet)*	114.20	108.90	109.70
ENDING WATER LEVEL (ft)*/TIME	11.69 / 12:15		15.60 / 14:15
START PURGE TIME (Military)	12:00		13:40
END PURGE TIME (Military)	12:15		14:15
PURGE VOLUME (gallons)	1 Gal		1 Gal
SAMPLE TIME (Military)	12:20		14:20

INDICATOR PARAMETERS	MW-15D Dup1 1st	MW-15D Dup1 2nd	MW-15D Dup1 3rd	MW-16D 1st	MW-16D 2nd	MW-16D 3rd	MW-17D 1st	MW-17D 2nd	MW-17D 3rd
TIME (minutes)	1:00	2:00	3:00	:00	:00	:00	1:00	2:00	3:00
TEMPERATURE (° C)	8.48	8.99	9.43				8.19	8.50	9.30
ELEC. COND. (uS/cm)	1.47	1.48	1.48				0.74	0.81	0.79
DISSOLVED OXYGEN (ppm)	3.34	3.60	3.86				2.08	2.0	2.08
pH	6.87	6.90	6.91				8.08	8.01	7.96
ORP (mV)	28.7	31.3	33.9				17.7	17.1	18.2
DISSOLVED OXYGEN (% Sat.)	182	180	178				124	128	133
COLOR	Clear						Clear		
ODOR	None						None		
CLARITY	Clear						Clear		

SAMPLING PARAMETERS	MW-15D Dup1	MW-16D	MW-17D
	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
VOCs 8260B	3-40 mL; G; HCL-L; No	3-40 mL; G; HCL-L; No	3-40 mL; G; HCL-L; No
	DUP1 at 12:25	unable to locate	
		due to construction	
NAME OF LABORATORY	Test America	Test America	Test America
DATE SENT TO LAB	11/17/22		11/17/22
SAMPLER-S NAME	LLD		LLD

*Measured from top of well casing.

TETRA TECH

TETRA TECH REMEDIATION SYSTEM FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	Sta-Rite Deerfield Remedial Action	Temp. & pH	Hanna
PROJECT NO.	117-7469010.100	Conductivity	Hanna
LOCATION	Deerfield, Wisconsin	ORP	NA
PERSONNEL	KRG	DO	NA

SAMPLE ID		Influent	Effluent		
WATER TYPE		Groundwater	Groundwater		
DATE (month/day/year)		11/16/22	11/16/22		
CLOCK TIME (Military)		14:47	14:20		
EXTRACTION WELL DEPTH (feet below top of well casing)		115	115		
FLOW METER READING (gallons)		3026792	3026231		
FLOW RATE (gpm)					
SAMPLING DEVICE		Sample tap before particulate filters.	Grab Outfall Area		
FIELD TEMPERATURE (°C)		9.5	9.3		
pH		7.82	8.81		
ELEC. COND. (uS/cm)	Measured	NA	NA		
	at 25° C	1180	1170		
COLOR		CLEAR	CLEAR		
ODOR		NONE	NONE		
CLARITY		CLEAR	CLEAR		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)			
TCE, 1,1,1-TCA, 1,1,2-TCA vinyl chloride & BETX (EPA Method SW 8260B)	3-40 ml; G; HCL-L; No	3-40 ml; G; HCL-L; No		

Note: TCE = Trichloroethene TCA = Trichloroethane
BETX = Benzene, Ethylbenzene, Toluene and Xylenes

NAME OF LABORATORY	Eurofins	Eurofins		
DATE SENT TO LAB	11/17/22	11/17/22		
SAMPLER'S NAME	KRG	KRG		

TETRA TECH

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

June 02, 2022

Mark Manthey
Tetra Tech Geo
175 North Corporate Drive
Suite 100
Brookfield, WI 53045

RE: Project: 117-7469010.100
Pace Project No.: 40245704

Dear Mark Manthey:

Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 117-7469010.100
Pace Project No.: 40245704

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 117-7469010.100
Pace Project No.: 40245704

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245704001	**MW-10S**	Water	05/26/22 13:10	05/28/22 07:30
40245704002	**MW-1DI**	Water	05/26/22 12:10	05/28/22 07:30
40245704003	**MW-14SR**	Water	05/26/22 13:40	05/28/22 07:30
40245704004	**MW-14IR**	Water	05/26/22 13:45	05/28/22 07:30
40245704005	**MW-15D**	Water	05/26/22 12:55	05/28/22 07:30
40245704006	**MW-16D**	Water	05/27/22 09:00	05/28/22 07:30
40245704007	**MW-17D**	Water	05/27/22 10:00	05/28/22 07:30
40245704008	**MW-15D DUP**	Water	05/27/22 13:00	05/28/22 07:30
40245704009	**TRIP BLANK**	Water	05/27/22 00:00	05/28/22 07:30

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SAMPLE ANALYTE COUNT

Project: 117-7469010.100
Pace Project No.: 40245704

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245704001	**MW-10S**	EPA 8260	EIB	64
40245704002	**MW-1DI**	EPA 8260	EIB	64
40245704003	**MW-14SR**	EPA 8260	EIB	64
40245704004	**MW-14IR**	EPA 8260	EIB	64
40245704005	**MW-15D**	EPA 8260	EIB	64
40245704006	**MW-16D**	EPA 8260	EIB	64
40245704007	**MW-17D**	EPA 8260	EIB	64
40245704008	**MW-15D DUP**	EPA 8260	EIB	64
40245704009	**TRIP BLANK**	EPA 8260	EIB	64

PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-10S **Lab ID: 40245704001** Collected: 05/26/22 13:10 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 20:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 20:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:24	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 20:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 20:24	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 20:24	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 20:24	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 20:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 20:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 20:24	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 20:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 20:24	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 20:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 20:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 20:24	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 20:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 20:24	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 20:24	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 20:24	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:24	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 20:24	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 20:24	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 20:24	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 20:24	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		06/01/22 20:24	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		06/01/22 20:24	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/01/22 20:24	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 20:24	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 20:24	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 20:24	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 20:24	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:24	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 20:24	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 20:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 20:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:24	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:24	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 20:24	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:24	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:24	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:24	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:24	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-10S **Lab ID: 40245704001** Collected: 05/26/22 13:10 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 20:24	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 20:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 20:24	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 20:24	120-82-1	
1,1,1-Trichloroethane	**2.1**	ug/L	1.0	0.30	1		06/01/22 20:24	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 20:24	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		06/01/22 20:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:24	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 20:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 20:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:24	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 20:24	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 20:24	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/01/22 20:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		06/01/22 20:24	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		06/01/22 20:24	2037-26-5	

Sample: MW-1DI **Lab ID: 40245704002** Collected: 05/26/22 12:10 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 20:44	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 20:44	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:44	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 20:44	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 20:44	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 20:44	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:44	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 20:44	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 20:44	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 20:44	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 20:44	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 20:44	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 20:44	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 20:44	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 20:44	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-1DI **Lab ID: 40245704002** Collected: 05/26/22 12:10 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 20:44	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 20:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 20:44	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 20:44	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 20:44	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:44	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 20:44	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 20:44	75-71-8	
1,1-Dichloroethane	**3.1**	ug/L	1.0	0.30	1		06/01/22 20:44	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 20:44	107-06-2	
1,1-Dichloroethene	**0.61J**	ug/L	1.0	0.58	1		06/01/22 20:44	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		06/01/22 20:44	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/01/22 20:44	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 20:44	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 20:44	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 20:44	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 20:44	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:44	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 20:44	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:44	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 20:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 20:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:44	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:44	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 20:44	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:44	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 20:44	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:44	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 20:44	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 20:44	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 20:44	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 20:44	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 20:44	120-82-1	
1,1,1-Trichloroethane	**8.3**	ug/L	1.0	0.30	1		06/01/22 20:44	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 20:44	79-00-5	
Trichloroethene	**5.5**	ug/L	1.0	0.32	1		06/01/22 20:44	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 20:44	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 20:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 20:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 20:44	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 20:44	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 20:44	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 20:44	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-1DI **Lab ID: 40245704002** Collected: 05/26/22 12:10 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/01/22 20:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		06/01/22 20:44	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		06/01/22 20:44	2037-26-5	

Sample: MW-14SR **Lab ID: 40245704003** Collected: 05/26/22 13:40 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:04	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 21:04	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:04	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 21:04	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:04	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:04	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:04	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 21:04	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 21:04	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:04	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 21:04	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:04	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 21:04	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:04	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 21:04	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 21:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 21:04	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 21:04	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:04	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:04	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 21:04	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 21:04	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:04	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:04	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		06/01/22 21:04	75-35-4	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	0.47	1		06/01/22 21:04	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/01/22 21:04	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:04	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:04	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 21:04	594-20-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-14SR **Lab ID: 40245704003** Collected: 05/26/22 13:40 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 21:04	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:04	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 21:04	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:04	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:04	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 21:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:04	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:04	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 21:04	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:04	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:04	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:04	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 21:04	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 21:04	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:04	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:04	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 21:04	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:04	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 21:04	79-00-5	
Trichloroethene	**291**	ug/L	1.0	0.32	1		06/01/22 21:04	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:04	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 21:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:04	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 21:04	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 21:04	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/01/22 21:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		06/01/22 21:04	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		06/01/22 21:04	2037-26-5	

Sample: MW-14IR **Lab ID: 40245704004** Collected: 05/26/22 13:45 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:25	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:25	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 21:25	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-14IR **Lab ID: 40245704004** Collected: 05/26/22 13:45 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:25	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 21:25	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:25	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:25	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:25	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 21:25	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 21:25	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:25	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 21:25	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:25	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 21:25	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:25	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 21:25	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 21:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 21:25	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 21:25	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:25	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:25	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 21:25	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 21:25	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:25	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:25	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		06/01/22 21:25	75-35-4	
cis-1,2-Dichloroethene	**4.8**	ug/L	1.0	0.47	1		06/01/22 21:25	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/01/22 21:25	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:25	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:25	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 21:25	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 21:25	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:25	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 21:25	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:25	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 21:25	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:25	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:25	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 21:25	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:25	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:25	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:25	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 21:25	79-34-5	
Tetrachloroethene	**0.68J**	ug/L	1.0	0.41	1		06/01/22 21:25	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-14IR **Lab ID: 40245704004** Collected: 05/26/22 13:45 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:25	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 21:25	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:25	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 21:25	79-00-5	
Trichloroethene	**290**	ug/L	4.0	1.3	4		06/02/22 10:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:25	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 21:25	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:25	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 21:25	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 21:25	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/01/22 21:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		06/01/22 21:25	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		06/01/22 21:25	2037-26-5	

Sample: MW-15D **Lab ID: 40245704005** Collected: 05/26/22 12:55 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:45	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 21:45	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:45	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 21:45	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:45	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:45	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:45	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 21:45	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 21:45	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 21:45	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 21:45	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 21:45	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 21:45	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:45	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 21:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 21:45	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 21:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 21:45	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-15D **Lab ID: 40245704005** Collected: 05/26/22 12:55 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 21:45	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:45	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:45	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 21:45	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 21:45	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:45	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:45	107-06-2	
1,1-Dichloroethene	**0.77J**	ug/L	1.0	0.58	1		06/01/22 21:45	75-35-4	
cis-1,2-Dichloroethene	**554**	ug/L	5.0	2.4	5		06/02/22 10:36	156-59-2	
trans-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.53	1		06/01/22 21:45	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:45	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:45	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 21:45	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 21:45	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:45	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 21:45	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:45	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 21:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 21:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:45	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:45	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 21:45	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:45	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 21:45	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:45	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 21:45	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 21:45	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 21:45	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 21:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 21:45	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 21:45	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 21:45	79-00-5	
Trichloroethene	**31.8**	ug/L	1.0	0.32	1		06/01/22 21:45	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 21:45	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 21:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 21:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 21:45	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 21:45	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 21:45	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 21:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/01/22 21:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		06/01/22 21:45	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-15D **Lab ID: 40245704005** Collected: 05/26/22 12:55 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		06/01/22 21:45	2037-26-5	

Sample: MW-16D **Lab ID: 40245704006** Collected: 05/27/22 09:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:35	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/02/22 09:35	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/02/22 09:35	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/02/22 09:35	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/02/22 09:35	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/02/22 09:35	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/02/22 09:35	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/02/22 09:35	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/02/22 09:35	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/02/22 09:35	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/02/22 09:35	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/02/22 09:35	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/02/22 09:35	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/02/22 09:35	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/02/22 09:35	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/02/22 09:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/02/22 09:35	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/02/22 09:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/02/22 09:35	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/02/22 09:35	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/02/22 09:35	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/02/22 09:35	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/02/22 09:35	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/02/22 09:35	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:35	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/02/22 09:35	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		06/02/22 09:35	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		06/02/22 09:35	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/02/22 09:35	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/02/22 09:35	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:35	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/02/22 09:35	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/02/22 09:35	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/02/22 09:35	10061-01-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-16D **Lab ID: 40245704006** Collected: 05/27/22 09:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/02/22 09:35	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/02/22 09:35	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/02/22 09:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/02/22 09:35	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/02/22 09:35	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/02/22 09:35	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/02/22 09:35	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/02/22 09:35	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/02/22 09:35	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/02/22 09:35	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/02/22 09:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/02/22 09:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/02/22 09:35	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/02/22 09:35	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/02/22 09:35	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/02/22 09:35	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/02/22 09:35	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:35	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/02/22 09:35	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		06/02/22 09:35	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/02/22 09:35	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/02/22 09:35	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/02/22 09:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/02/22 09:35	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/02/22 09:35	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/02/22 09:35	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/02/22 09:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/02/22 09:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		06/02/22 09:35	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		06/02/22 09:35	2037-26-5	

Sample: MW-17D **Lab ID: 40245704007** Collected: 05/27/22 10:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 22:26	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 22:26	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:26	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 22:26	75-25-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-17D **Lab ID: 40245704007** Collected: 05/27/22 10:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 22:26	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 22:26	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:26	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 22:26	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 22:26	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 22:26	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 22:26	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 22:26	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 22:26	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 22:26	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 22:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 22:26	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 22:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 22:26	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 22:26	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 22:26	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:26	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 22:26	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 22:26	75-71-8	
1,1-Dichloroethane	**10.5**	ug/L	1.0	0.30	1		06/01/22 22:26	75-34-3	
1,2-Dichloroethane	**0.46J**	ug/L	1.0	0.29	1		06/01/22 22:26	107-06-2	
1,1-Dichloroethene	**49.7**	ug/L	1.0	0.58	1		06/01/22 22:26	75-35-4	
cis-1,2-Dichloroethene	**385**	ug/L	5.0	2.4	5		06/02/22 10:56	156-59-2	
trans-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.53	1		06/01/22 22:26	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 22:26	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 22:26	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 22:26	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 22:26	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:26	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 22:26	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:26	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 22:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 22:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:26	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:26	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 22:26	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:26	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:26	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:26	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 22:26	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 22:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 22:26	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:26	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-17D **Lab ID: 40245704007** Collected: 05/27/22 10:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 22:26	120-82-1	
1,1,1-Trichloroethane	**62.6**	ug/L	1.0	0.30	1		06/01/22 22:26	71-55-6	
1,1,2-Trichloroethane	**0.64J**	ug/L	5.0	0.34	1		06/01/22 22:26	79-00-5	
Trichloroethene	**466**	ug/L	5.0	1.6	5		06/02/22 10:56	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:26	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 22:26	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 22:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:26	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 22:26	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 22:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/01/22 22:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		06/01/22 22:26	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		06/01/22 22:26	2037-26-5	

Sample: MW-15D DUP **Lab ID: 40245704008** Collected: 05/27/22 13:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 22:47	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:47	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 22:47	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:47	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 22:47	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 22:47	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 22:47	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:47	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 22:47	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 22:47	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 22:47	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 22:47	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 22:47	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 22:47	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 22:47	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 22:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 22:47	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 22:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 22:47	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 22:47	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 22:47	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: MW-15D DUP **Lab ID: 40245704008** Collected: 05/27/22 13:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:47	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 22:47	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 22:47	75-71-8	
1,1-Dichloroethane	**0.41J**	ug/L	1.0	0.30	1		06/01/22 22:47	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 22:47	107-06-2	
1,1-Dichloroethene	**1.8**	ug/L	1.0	0.58	1		06/01/22 22:47	75-35-4	
cis-1,2-Dichloroethene	**632**	ug/L	10.0	4.7	10		06/02/22 11:17	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.53	1		06/01/22 22:47	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 22:47	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 22:47	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 22:47	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 22:47	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:47	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 22:47	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:47	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 22:47	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 22:47	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:47	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:47	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 22:47	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:47	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 22:47	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:47	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 22:47	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 22:47	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 22:47	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 22:47	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 22:47	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 22:47	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 22:47	79-00-5	
Trichloroethene	**105**	ug/L	1.0	0.32	1		06/01/22 22:47	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 22:47	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 22:47	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 22:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 22:47	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 22:47	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 22:47	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 22:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/01/22 22:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		06/01/22 22:47	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		06/01/22 22:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: TRIP BLANK **Lab ID: 40245704009** Collected: 05/27/22 00:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 16:39	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 16:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/01/22 16:39	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 16:39	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		06/01/22 16:39	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		06/01/22 16:39	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 16:39	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/01/22 16:39	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		06/01/22 16:39	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		06/01/22 16:39	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		06/01/22 16:39	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		06/01/22 16:39	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		06/01/22 16:39	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		06/01/22 16:39	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 16:39	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		06/01/22 16:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		06/01/22 16:39	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		06/01/22 16:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		06/01/22 16:39	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		06/01/22 16:39	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 16:39	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 16:39	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		06/01/22 16:39	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		06/01/22 16:39	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 16:39	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		06/01/22 16:39	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		06/01/22 16:39	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		06/01/22 16:39	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		06/01/22 16:39	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		06/01/22 16:39	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 16:39	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		06/01/22 16:39	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 16:39	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 16:39	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		06/01/22 16:39	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 16:39	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 16:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		06/01/22 16:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		06/01/22 16:39	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 16:39	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		06/01/22 16:39	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		06/01/22 16:39	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		06/01/22 16:39	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 16:39	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 16:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245704

Sample: TRIP BLANK **Lab ID: 40245704009** Collected: 05/27/22 00:00 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		06/01/22 16:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		06/01/22 16:39	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		06/01/22 16:39	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 16:39	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		06/01/22 16:39	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/01/22 16:39	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/01/22 16:39	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 16:39	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		06/01/22 16:39	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		06/01/22 16:39	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		06/01/22 16:39	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		06/01/22 16:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		06/01/22 16:39	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 16:39	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 16:39	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 16:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/01/22 16:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		06/01/22 16:39	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		06/01/22 16:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245704

QC Batch: 417004
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245704001, 40245704002, 40245704003, 40245704004, 40245704005, 40245704006, 40245704007, 40245704008, 40245704009

METHOD BLANK: 2401769
Matrix: Water
Associated Lab Samples: 40245704001, 40245704002, 40245704003, 40245704004, 40245704005, 40245704006, 40245704007, 40245704008, 40245704009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	06/01/22 14:36	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	06/01/22 14:36	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/01/22 14:36	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	06/01/22 14:36	
1,1-Dichloroethane	ug/L	<0.30	1.0	06/01/22 14:36	
1,1-Dichloroethene	ug/L	<0.58	1.0	06/01/22 14:36	
1,1-Dichloropropene	ug/L	<0.41	1.0	06/01/22 14:36	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	06/01/22 14:36	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	06/01/22 14:36	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/01/22 14:36	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	06/01/22 14:36	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	06/01/22 14:36	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	06/01/22 14:36	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	06/01/22 14:36	
1,2-Dichloroethane	ug/L	<0.29	1.0	06/01/22 14:36	
1,2-Dichloropropane	ug/L	<0.45	1.0	06/01/22 14:36	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	06/01/22 14:36	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	06/01/22 14:36	
1,3-Dichloropropane	ug/L	<0.30	1.0	06/01/22 14:36	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	06/01/22 14:36	
2,2-Dichloropropane	ug/L	<4.2	5.0	06/01/22 14:36	
2-Chlorotoluene	ug/L	<0.89	5.0	06/01/22 14:36	
4-Chlorotoluene	ug/L	<0.89	5.0	06/01/22 14:36	
Benzene	ug/L	<0.30	1.0	06/01/22 14:36	
Bromobenzene	ug/L	<0.36	1.0	06/01/22 14:36	
Bromochloromethane	ug/L	<0.36	5.0	06/01/22 14:36	
Bromodichloromethane	ug/L	<0.42	1.0	06/01/22 14:36	
Bromoform	ug/L	<3.8	5.0	06/01/22 14:36	
Bromomethane	ug/L	<1.2	5.0	06/01/22 14:36	
Carbon tetrachloride	ug/L	<0.37	1.0	06/01/22 14:36	
Chlorobenzene	ug/L	<0.86	1.0	06/01/22 14:36	
Chloroethane	ug/L	<1.4	5.0	06/01/22 14:36	
Chloroform	ug/L	<1.2	5.0	06/01/22 14:36	
Chloromethane	ug/L	<1.6	5.0	06/01/22 14:36	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	06/01/22 14:36	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	06/01/22 14:36	
Dibromochloromethane	ug/L	<2.6	5.0	06/01/22 14:36	
Dibromomethane	ug/L	<0.99	5.0	06/01/22 14:36	
Dichlorodifluoromethane	ug/L	<0.46	5.0	06/01/22 14:36	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245704

METHOD BLANK: 2401769 Matrix: Water

Associated Lab Samples: 40245704001, 40245704002, 40245704003, 40245704004, 40245704005, 40245704006, 40245704007, 40245704008, 40245704009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	06/01/22 14:36	
Ethylbenzene	ug/L	<0.33	1.0	06/01/22 14:36	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	06/01/22 14:36	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	06/01/22 14:36	
m&p-Xylene	ug/L	<0.70	2.0	06/01/22 14:36	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	06/01/22 14:36	
Methylene Chloride	ug/L	<0.32	5.0	06/01/22 14:36	
n-Butylbenzene	ug/L	<0.86	1.0	06/01/22 14:36	
n-Propylbenzene	ug/L	<0.35	1.0	06/01/22 14:36	
Naphthalene	ug/L	<1.1	5.0	06/01/22 14:36	
o-Xylene	ug/L	<0.35	1.0	06/01/22 14:36	
p-Isopropyltoluene	ug/L	<1.0	5.0	06/01/22 14:36	
sec-Butylbenzene	ug/L	<0.42	1.0	06/01/22 14:36	
Styrene	ug/L	<0.36	1.0	06/01/22 14:36	
tert-Butylbenzene	ug/L	<0.59	1.0	06/01/22 14:36	
Tetrachloroethene	ug/L	<0.41	1.0	06/01/22 14:36	
Toluene	ug/L	<0.29	1.0	06/01/22 14:36	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	06/01/22 14:36	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	06/01/22 14:36	
Trichloroethene	ug/L	<0.32	1.0	06/01/22 14:36	
Trichlorofluoromethane	ug/L	<0.42	1.0	06/01/22 14:36	
Vinyl chloride	ug/L	<0.17	1.0	06/01/22 14:36	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	06/01/22 14:36	
4-Bromofluorobenzene (S)	%	101	70-130	06/01/22 14:36	
Toluene-d8 (S)	%	99	70-130	06/01/22 14:36	

LABORATORY CONTROL SAMPLE: 2401770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	69-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethene	ug/L	50	52.4	105	74-131	
1,2,4-Trichlorobenzene	ug/L	50	50.9	102	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	70-130	
1,2-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-137	
1,2-Dichloropropane	ug/L	50	51.6	103	80-121	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
Benzene	ug/L	50	52.0	104	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245704

LABORATORY CONTROL SAMPLE: 2401770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	49.4	99	70-130	
Bromoform	ug/L	50	46.9	94	70-130	
Bromomethane	ug/L	50	39.1	78	21-147	
Carbon tetrachloride	ug/L	50	55.6	111	80-146	
Chlorobenzene	ug/L	50	51.3	103	70-130	
Chloroethane	ug/L	50	50.0	100	52-165	
Chloroform	ug/L	50	52.3	105	80-123	
Chloromethane	ug/L	50	36.6	73	51-122	
cis-1,2-Dichloroethene	ug/L	50	48.8	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.4	95	70-130	
Dibromochloromethane	ug/L	50	46.6	93	70-130	
Dichlorodifluoromethane	ug/L	50	23.4	47	25-121	
Ethylbenzene	ug/L	50	54.7	109	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.6	111	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	45.9	92	70-130	
Methylene Chloride	ug/L	50	51.9	104	70-130	
o-Xylene	ug/L	50	53.2	106	70-130	
Styrene	ug/L	50	53.9	108	70-130	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
Toluene	ug/L	50	50.1	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	40.0	80	70-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	47.4	95	65-160	
Vinyl chloride	ug/L	50	41.8	84	63-134	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2402479 2402480

Parameter	Units	40245707001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.3	52.5	109	105	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	51.0	51.3	102	103	61-135	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.2	49.2	100	98	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.1	52.3	108	105	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	54.0	54.3	108	109	71-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.6	53.2	103	106	68-131	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	49.5	49.7	99	99	51-141	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.2	47.7	94	95	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.4	52.0	103	104	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	51.6	50.2	103	100	70-137	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245704

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2402479 2402480

Parameter	Units	40245707001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.45	50	50	54.3	53.4	109	107	80-121	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50.7	51.5	101	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.6	50.1	99	100	70-130	1	20	
Benzene	ug/L	<0.30	50	50	53.9	52.3	108	105	70-130	3	20	
Bromodichloromethane	ug/L	<0.42	50	50	51.0	51.0	102	102	70-130	0	20	
Bromoform	ug/L	<3.8	50	50	49.3	48.2	99	96	70-133	2	20	
Bromomethane	ug/L	<1.2	50	50	42.0	42.9	84	86	21-149	2	22	
Carbon tetrachloride	ug/L	<0.37	50	50	57.2	55.8	114	112	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	52.9	52.1	106	104	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	50.9	48.2	102	96	52-165	5	20	
Chloroform	ug/L	<1.2	50	50	53.1	52.5	106	105	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	38.1	37.2	76	74	42-125	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	49.1	48.1	98	96	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	49.6	48.6	99	97	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.8	48.5	98	97	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	23.0	22.3	46	45	25-121	3	20	
Ethylbenzene	ug/L	<0.33	50	50	55.8	54.2	112	108	80-121	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	57.4	56.3	115	113	70-130	2	20	
m&p-Xylene	ug/L	<0.70	100	100	110	109	110	109	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.7	48.0	97	96	70-130	1	20	
Methylene Chloride	ug/L	<0.32	50	50	53.3	52.2	107	104	70-130	2	20	
o-Xylene	ug/L	<0.35	50	50	54.2	54.3	108	109	70-130	0	20	
Styrene	ug/L	<0.36	50	50	55.1	54.0	110	108	70-132	2	20	
Tetrachloroethene	ug/L	<0.41	50	50	54.0	54.5	108	109	70-130	1	20	
Toluene	ug/L	<0.29	50	50	52.3	51.0	105	102	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.0	52.0	106	104	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	42.6	42.3	85	85	70-130	1	20	
Trichloroethene	ug/L	<0.32	50	50	52.6	52.5	105	105	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	48.6	47.5	97	95	65-160	2	20	
Vinyl chloride	ug/L	<0.17	50	50	43.0	42.1	86	84	60-137	2	20	
1,2-Dichlorobenzene-d4 (S)	%						100	103	70-130			
4-Bromofluorobenzene (S)	%						104	107	70-130			
Toluene-d8 (S)	%						100	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 117-7469010.100
Pace Project No.: 40245704

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-7469010.100
Pace Project No.: 40245704

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245704001	**MW-10S**	EPA 8260	417004		
40245704002	**MW-1DI**	EPA 8260	417004		
40245704003	**MW-14SR**	EPA 8260	417004		
40245704004	**MW-14IR**	EPA 8260	417004		
40245704005	**MW-15D**	EPA 8260	417004		
40245704006	**MW-16D**	EPA 8260	417004		
40245704007	**MW-17D**	EPA 8260	417004		
40245704008	**MW-15D DUP**	EPA 8260	417004		
40245704009	**TRIP BLANK**	EPA 8260	417004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40245704

ALL SHADED AREAS are for LAB USE ONLY

Company: Tetra Tech	Billing Information:
Address: 175 N. Corporate Dr., Ste. 100, Brookfield, WI 53045	
Report To: Mark Manthey	Email To: mark.manthey@tetratech.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 117-7469010.100	State: WI / County/City: Dane / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: (262) 792-1282 / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Connor Lawson	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Connor Lawson	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [X] No / Analysis: _____

Container Preservative Type **: 3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs (8260)	Lab Sample # / Comments
MW-10S	GW	G	5/26	13:10				3	X	001
MW-10I	"	"	5/26	12:10				"	"	002
MW-14SR	"	"	5/26	13:40				"	"	003
MW-14IR	"	"	5/26	13:45				"	"	004
MW-15D	"	"	5/26	12:55				"	"	005
MW-16D	"	"	5/27	9:00				"	"	006
MW-17D	"	"	5/27	10:00				"	"	007
MW-15D DUP	"	"	5/26	13:00				"	"	008
Trip Blank	DI	—	—	—				2	"	009

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

5/28/22 0730

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2766833

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments: (1)

Relinquished by/Company: (Signature) Connor Lawson / TetraTech	Date/Time: 5/27/22 14:00	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 5/28/22 0730	Received by/Company: (Signature) Anthony Mendel	Date/Time: 5/28/22 0730
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Sample Preservation Receipt Form

Client Name: TetraTech Project # 402457024

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic					Vials						Jars				General							
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

5/28/22 AW

Exceptions to preservation check: (VOA), Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☒No ☐N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO# : 40245704**

40245704

Client Name: TetraTech

Courier: ☒ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no
Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no
Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR-108 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun
Cooler Temperature Uncorr: 3 /Corr: 3.1
Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 5/28/22 /Initials: AJ
Labeled By Initials: MH

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. +CC 5/28/22 AJ
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WT	☐Yes ☒No ☐N/A	12. 0006: 11:05 5/28/22 AJ
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 483		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐
Person Contacted: Date/Time:
Comments/ Resolution:

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

Page 2 of 2

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

June 02, 2022

Mark Manthey
Tetra Tech Geo
175 North Corporate Drive
Suite 100
Brookfield, WI 53045

RE: Project: 117-7469010.100
Pace Project No.: 40245709

Dear Mark Manthey:

Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 117-7469010.100
Pace Project No.: 40245709

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 117-7469010.100
Pace Project No.: 40245709

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245709001	**INFLUENT**	Water	05/26/22 13:40	05/28/22 07:30
40245709002	**EFFLUENT**	Water	05/26/22 13:55	05/28/22 07:30

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 117-7469010.100
Pace Project No.: 40245709

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245709001	**INFLUENT**	EPA 8260	EIB	13
40245709002	**EFFLUENT**	EPA 8260	EIB	13

PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: 117-7469010.100
Pace Project No.: 40245709

Sample: INFLUENT **Lab ID: 40245709001** Collected: 05/26/22 13:40 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/01/22 19:43	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/01/22 19:43	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/01/22 19:43	108-88-3	
1,1,1-Trichloroethane	**3.2**	ug/L	1.0	0.30	1		06/01/22 19:43	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/01/22 19:43	79-00-5	
Trichloroethene	**176**	ug/L	1.0	0.32	1		06/01/22 19:43	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/01/22 19:43	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		06/01/22 19:43	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/01/22 19:43	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/01/22 19:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/01/22 19:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		06/01/22 19:43	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		06/01/22 19:43	2037-26-5	

Sample: EFFLUENT **Lab ID: 40245709002** Collected: 05/26/22 13:55 Received: 05/28/22 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:55	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		06/02/22 09:55	100-41-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		06/02/22 09:55	108-88-3	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		06/02/22 09:55	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		06/02/22 09:55	79-00-5	
Trichloroethene	**0.74J**	ug/L	1.0	0.32	1		06/02/22 09:55	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/02/22 09:55	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		06/02/22 09:55	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		06/02/22 09:55	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		06/02/22 09:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/02/22 09:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		06/02/22 09:55	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		06/02/22 09:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245709

QC Batch: 417004
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245709001, 40245709002

METHOD BLANK: 2401769 Matrix: Water
Associated Lab Samples: 40245709001, 40245709002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	06/01/22 14:36	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	06/01/22 14:36	
Benzene	ug/L	<0.30	1.0	06/01/22 14:36	
Ethylbenzene	ug/L	<0.33	1.0	06/01/22 14:36	
m&p-Xylene	ug/L	<0.70	2.0	06/01/22 14:36	
o-Xylene	ug/L	<0.35	1.0	06/01/22 14:36	
Toluene	ug/L	<0.29	1.0	06/01/22 14:36	
Trichloroethene	ug/L	<0.32	1.0	06/01/22 14:36	
Vinyl chloride	ug/L	<0.17	1.0	06/01/22 14:36	
Xylene (Total)	ug/L	<1.0	3.0	06/01/22 14:36	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	06/01/22 14:36	
4-Bromofluorobenzene (S)	%	101	70-130	06/01/22 14:36	
Toluene-d8 (S)	%	99	70-130	06/01/22 14:36	

LABORATORY CONTROL SAMPLE: 2401770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-134	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
Benzene	ug/L	50	52.0	104	70-130	
Ethylbenzene	ug/L	50	54.7	109	80-120	
m&p-Xylene	ug/L	100	109	109	70-130	
o-Xylene	ug/L	50	53.2	106	70-130	
Toluene	ug/L	50	50.1	100	80-120	
Trichloroethene	ug/L	50	52.5	105	70-130	
Vinyl chloride	ug/L	50	41.8	84	63-134	
Xylene (Total)	ug/L	150	163	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2402479 2402480

Parameter	Units	40245707001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.3	52.5	109	105	70-134	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.2	49.2	100	98	70-130	2	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 117-7469010.100
Pace Project No.: 40245709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2402479 2402480

Parameter	Units	40245707001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	53.9	52.3	108	105	70-130	3	20	
Ethylbenzene	ug/L	<0.33	50	50	55.8	54.2	112	108	80-121	3	20	
m&p-Xylene	ug/L	<0.70	100	100	110	109	110	109	70-130	0	20	
o-Xylene	ug/L	<0.35	50	50	54.2	54.3	108	109	70-130	0	20	
Toluene	ug/L	<0.29	50	50	52.3	51.0	105	102	80-120	3	20	
Trichloroethene	ug/L	<0.32	50	50	52.6	52.5	105	105	70-130	0	20	
Vinyl chloride	ug/L	<0.17	50	50	43.0	42.1	86	84	60-137	2	20	
Xylene (Total)	ug/L	<1.0	150	150	164	164	109	109	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						100	103	70-130			
4-Bromofluorobenzene (S)	%						104	107	70-130			
Toluene-d8 (S)	%						100	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 117-7469010.100
Pace Project No.: 40245709

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-7469010.100
Pace Project No.: 40245709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245709001	**INFLUENT**	EPA 8260	417004		
40245709002	**EFFLUENT**	EPA 8260	417004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40245709

ALL SHADED AREAS are for LAB USE ONLY

Company: Tetra Tech	Billing Information:
Address: 175 N. Corporate Dr. Ste. 100, Brookfield, WI 53045	
Report To: Marie Manthey	Email To: mark.manthey@tetratech.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 117-7469010.100	State: WI / County/City: Dane / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: (262) 792-1287 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Connor Lavzon	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Connor Lavzon	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [X] No / Analysis: _____

Container Preservative Type **: 3 | 3 | 3 | 3 | 3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TCE	1,1,1-TCA	1,1,2-TCA	Vinyl Chloride	BETX (8260B)	Analyses	Lab Profile/Line:
Influent	GW	G	5/26	13:40				3	X	X	X	X	X		001
Effluent	GW	G	5/26	13:55				3	X	X	X	X	X		002

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

5/28/22 0730

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2766832

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: (1) _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Connor Lavzon / Tetra Tech	5/27/22 14:00		
CS Logistics	5/28/22 0730	Anthony Wendel	5/28/22 0730

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Sample Preservation Receipt Form

Client Name: TetraTech Project # 402457O9

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	
002																	3																2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

5/28/22 AW

Exceptions to preservation check: (VOA) Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☐Yes ☒No ☐N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40245709

40245709

Client Name: TetraTech

Courier: X CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #: —

Custody Seal on Cooler/Box Present: ☐ yes X no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes X no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap X Bubble Bags ☐ None ☐ Other

Thermometer Used SR-108 **Type of Ice:** (Wet) Blue Dry None X Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 /Corr: 3.1

Temp Blank Present: ☐ yes X no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 5/28/22 /Initials: AJ

Labeled By Initials: MH

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	X Yes ☐ No ☐ N/A	1. +CC 5/28/22 AJ
Chain of Custody Filled Out:	☐ Yes X No ☐ N/A	2. no PM# 5/28/22 AJ
Chain of Custody Relinquished:	X Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	X Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	X Yes ☐ No	5.
- VOA Samples frozen upon receipt	☐ Yes ☐ No	Date/Time:
Short Hold Time Analysis (<72hr):	☐ Yes X No	6.
Rush Turn Around Time Requested:	☐ Yes X No	7.
Sufficient Volume: For Analysis: X Yes ☐ No MS/MSD: ☐ Yes X No ☐ N/A		8.
Correct Containers Used:	X Yes ☐ No	9.
-Pace Containers Used:	X Yes ☐ No ☐ N/A	
-Pace IR Containers Used:	☐ Yes ☐ No X N/A	
Containers Intact:	X Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No X N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	X Yes ☐ No ☐ N/A	12.
Trip Blank Present:	☐ Yes X No ☐ N/A	13.
Trip Blank Custody Seals Present	☐ Yes ☐ No X N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark Manthey
Tetra Tech GEO
13555 Bishops Ct
Suite 220
Brookfield, Wisconsin 53005

Generated 12/5/2022 3:13:46 PM

JOB DESCRIPTION

Pentair Deerfield - 117-7469010.100

JOB NUMBER

500-225716-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

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Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Case Narrative

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Job ID: 500-225716-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-225716-1

Comments
No additional comments.

Receipt
The samples were received on 11/18/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3º C.

GC/MS VOA
Methods 624, 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-14SR (500-225716-3), MW-14IR (500-225716-4), MW-15D (500-225716-5), DUP1 (500-225716-6) and MW-17D (500-225716-7). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: MW-10S — Lab Sample ID: 500-225716-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.4		1.0	0.38	ug/L	1		8260B	Total/NA

Client Sample ID: MW-10I — Lab Sample ID: 500-225716-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.9		1.0	0.38	ug/L	1		8260B	Total/NA
Trichloroethene	1.5		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-14SR — Lab Sample ID: 500-225716-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene - DL	330		5.0	1.6	ug/L	10		8260B	Total/NA

Client Sample ID: MW-14IR — Lab Sample ID: 500-225716-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.4		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene - DL	470		5.0	1.6	ug/L	10		8260B	Total/NA

Client Sample ID: MW-15D — Lab Sample ID: 500-225716-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	3.2		2.0	0.78	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	2.1		2.0	0.70	ug/L	2		8260B	Total/NA
Trichloroethene	200		1.0	0.33	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene - DL	1000		20	8.2	ug/L	20		8260B	Total/NA

Client Sample ID: DUP1 — Lab Sample ID: 500-225716-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	2.7		1.0	0.39	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.2		1.0	0.35	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	1100		10	4.1	ug/L	10		8260B	Total/NA
Trichloroethene - DL	230		5.0	1.6	ug/L	10		8260B	Total/NA

Client Sample ID: MW-17D — Lab Sample ID: 500-225716-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	14		2.0	0.82	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	87		2.0	0.78	ug/L	2		8260B	Total/NA
1,1,1-Trichloroethane	110		2.0	0.76	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene - DL	580		20	8.2	ug/L	20		8260B	Total/NA
Trichloroethene - DL	920		10	3.3	ug/L	20		8260B	Total/NA

Client Sample ID: TB-1 — Lab Sample ID: 500-225716-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-225716-1	MW-10S	Water	11/16/22 13:35	11/18/22 10:00
500-225716-2	MW-10I	Water	11/16/22 13:50	11/18/22 10:00
500-225716-3	MW-14SR	Water	11/16/22 12:50	11/18/22 10:00
500-225716-4	MW-14IR	Water	11/16/22 13:00	11/18/22 10:00
500-225716-5	MW-15D	Water	11/16/22 12:20	11/18/22 10:00
500-225716-6	DUP1	Water	11/16/22 12:25	11/18/22 10:00
500-225716-7	MW-17D	Water	11/16/22 14:20	11/18/22 10:00
500-225716-8	TB-1	Water	11/16/22 00:00	11/18/22 10:00

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-10S
Date Collected: 11/16/22 13:35
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 15:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 15:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 15:53	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 15:53	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 15:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 15:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 15:53	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 15:53	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 15:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 15:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 15:53	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/28/22 15:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 15:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 15:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 15:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 15:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 15:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 15:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 15:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 15:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 15:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 15:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 15:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 15:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 15:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 15:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 15:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/28/22 15:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 15:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 15:53	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 15:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 15:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 15:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 15:53	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/28/22 15:53	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 15:53	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/28/22 15:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: MW-10S
Lab Sample ID: 500-225716-1
Date Collected: 11/16/22 13:35
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/28/22 15:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/28/22 15:53	1
1,1,1-Trichloroethane	**1.4**		1.0	0.38	ug/L			11/28/22 15:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 15:53	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/28/22 15:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 15:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 15:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 15:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 15:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 15:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*72 - 124*		*11/28/22 15:53*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*11/28/22 15:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*11/28/22 15:53*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*11/28/22 15:53*	*1*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-10I
Date Collected: 11/16/22 13:50
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 16:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 16:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 16:15	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 16:15	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 16:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 16:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 16:15	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 16:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 16:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 16:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 16:15	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/28/22 16:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 16:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 16:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 16:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 16:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 16:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 16:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 16:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 16:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 16:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 16:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 16:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 16:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 16:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 16:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/28/22 16:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 16:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:15	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 16:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 16:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 16:15	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/28/22 16:15	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 16:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/28/22 16:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: MW-10I
Lab Sample ID: 500-225716-2
Date Collected: 11/16/22 13:50
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/28/22 16:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/28/22 16:15	1
1,1,1-Trichloroethane	**2.9**		1.0	0.38	ug/L			11/28/22 16:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 16:15	1
Trichloroethene	**1.5**		0.50	0.16	ug/L			11/28/22 16:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 16:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 16:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 16:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 16:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*72 - 124*		*11/28/22 16:15*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*11/28/22 16:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*11/28/22 16:15*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*11/28/22 16:15*	*1*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-14SR
Date Collected: 11/16/22 12:50
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 16:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 16:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 16:38	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 16:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 16:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 16:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 16:38	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 16:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 16:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 16:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 16:38	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.41	ug/L			11/28/22 16:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 16:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 16:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 16:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 16:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 16:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 16:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 16:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 16:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 16:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 16:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 16:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 16:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 16:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 16:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/28/22 16:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 16:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:38	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 16:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 16:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 16:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 16:38	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/28/22 16:38	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 16:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/28/22 16:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1

Client Sample ID: MW-14SR
Lab Sample ID: 500-225716-3
Date Collected: 11/16/22 12:50
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/28/22 16:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/28/22 16:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/28/22 16:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 16:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 16:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 16:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 16:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 16:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 16:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*		*11/28/22 16:38*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*11/28/22 16:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*11/28/22 16:38*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*11/28/22 16:38*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**330**		5.0	1.6	ug/L			11/29/22 17:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*11/29/22 17:21*	*10*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*11/29/22 17:21*	*10*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*11/29/22 17:21*	*10*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 17:21*	*10*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-14IR

Date Collected: 11/16/22 13:00
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 17:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 17:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 17:01	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 17:01	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 17:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 17:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 17:01	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 17:01	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 17:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 17:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 17:01	1
cis-1,2-Dichloroethene	**8.4**		1.0	0.41	ug/L			11/28/22 17:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 17:01	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 17:01	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 17:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 17:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 17:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 17:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 17:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 17:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 17:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 17:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 17:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 17:01	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 17:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 17:01	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 17:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/28/22 17:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 17:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 17:01	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 17:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 17:01	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 17:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 17:01	1
Tetrachloroethene	**1.0**		1.0	0.37	ug/L			11/28/22 17:01	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 17:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/28/22 17:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1

Client Sample ID: MW-14IR
Lab Sample ID: 500-225716-4
Date Collected: 11/16/22 13:00
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/28/22 17:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/28/22 17:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/28/22 17:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 17:01	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 17:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 17:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 17:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 17:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 17:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*72 - 124*		*11/28/22 17:01*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*11/28/22 17:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*11/28/22 17:01*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*11/28/22 17:01*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**470**		5.0	1.6	ug/L			11/29/22 17:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*11/29/22 17:48*	*10*
Dibromofluoromethane (Surr)	*88*		*75 - 120*		*11/29/22 17:48*	*10*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*11/29/22 17:48*	*10*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 17:48*	*10*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-15D

Date Collected: 11/16/22 12:20
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.29		1.0	0.29	ug/L			11/28/22 17:24	2
Bromobenzene	<0.71		2.0	0.71	ug/L			11/28/22 17:24	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			11/28/22 17:24	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			11/28/22 17:24	2
Bromoform	<0.97		2.0	0.97	ug/L			11/28/22 17:24	2
Bromomethane	<1.6		6.0	1.6	ug/L			11/28/22 17:24	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			11/28/22 17:24	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			11/28/22 17:24	2
Chloroethane	<1.0		2.0	1.0	ug/L			11/28/22 17:24	2
Chloroform	<0.74		4.0	0.74	ug/L			11/28/22 17:24	2
Chloromethane	<0.64		2.0	0.64	ug/L			11/28/22 17:24	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			11/28/22 17:24	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			11/28/22 17:24	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			11/28/22 17:24	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			11/28/22 17:24	2
1,2-Dibromo-3-Chloropropane	<4.0		10	4.0	ug/L			11/28/22 17:24	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			11/28/22 17:24	2
Dibromomethane	<0.54		2.0	0.54	ug/L			11/28/22 17:24	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			11/28/22 17:24	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			11/28/22 17:24	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			11/28/22 17:24	2
Dichlorodifluoromethane	<1.3		6.0	1.3	ug/L			11/28/22 17:24	2
1,1-Dichloroethane	<0.82		2.0	0.82	ug/L			11/28/22 17:24	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			11/28/22 17:24	2
1,1-Dichloroethene	**3.2**		2.0	0.78	ug/L			11/28/22 17:24	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			11/28/22 17:24	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			11/28/22 17:24	2
2,2-Dichloropropane	<0.89		2.0	0.89	ug/L			11/28/22 17:24	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			11/28/22 17:24	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			11/28/22 17:24	2
Hexachlorobutadiene	<0.89		2.0	0.89	ug/L			11/28/22 17:24	2
Isopropylbenzene	<0.77		2.0	0.77	ug/L			11/28/22 17:24	2
Isopropyl ether	<0.55		2.0	0.55	ug/L			11/28/22 17:24	2
Methylene Chloride	<3.3		10	3.3	ug/L			11/28/22 17:24	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			11/28/22 17:24	2
Naphthalene	<0.67		2.0	0.67	ug/L			11/28/22 17:24	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			11/28/22 17:24	2
N-Propylbenzene	<0.83		2.0	0.83	ug/L			11/28/22 17:24	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			11/28/22 17:24	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			11/28/22 17:24	2
Styrene	<0.77		2.0	0.77	ug/L			11/28/22 17:24	2
tert-Butylbenzene	<0.80		2.0	0.80	ug/L			11/28/22 17:24	2
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			11/28/22 17:24	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			11/28/22 17:24	2
Tetrachloroethene	<0.74		2.0	0.74	ug/L			11/28/22 17:24	2
Toluene	<0.30		1.0	0.30	ug/L			11/28/22 17:24	2
trans-1,2-Dichloroethene	**2.1**		2.0	0.70	ug/L			11/28/22 17:24	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			11/28/22 17:24	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			11/28/22 17:24	2

Client Sample ID: MW-15D
Lab Sample ID: 500-225716-5
Date Collected: 11/16/22 12:20
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			11/28/22 17:24	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			11/28/22 17:24	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			11/28/22 17:24	2
Trichloroethene	**200**		1.0	0.33	ug/L			11/28/22 17:24	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			11/28/22 17:24	2
1,2,3-Trichloropropane	<0.83		4.0	0.83	ug/L			11/28/22 17:24	2
1,2,4-Trimethylbenzene	<0.72		2.0	0.72	ug/L			11/28/22 17:24	2
1,3,5-Trimethylbenzene	<0.51		2.0	0.51	ug/L			11/28/22 17:24	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			11/28/22 17:24	2
Xylenes, Total	<0.44		2.0	0.44	ug/L			11/28/22 17:24	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*11/28/22 17:24*	*2*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*11/28/22 17:24*	*2*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*11/28/22 17:24*	*2*
Toluene-d8 (Surr)	*95*		*75 - 120*		*11/28/22 17:24*	*2*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1000**		20	8.2	ug/L			11/28/22 17:47	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*		*11/28/22 17:47*	*20*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*11/28/22 17:47*	*20*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*11/28/22 17:47*	*20*
Toluene-d8 (Surr)	*92*		*75 - 120*		*11/28/22 17:47*	*20*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: DUP1

Date Collected: 11/16/22 12:25
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 18:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 18:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 18:10	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 18:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 18:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 18:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 18:10	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 18:10	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 18:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 18:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 18:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 18:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 18:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 18:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 18:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 18:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 18:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 18:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 18:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
1,1-Dichloroethene	**2.7**		1.0	0.39	ug/L			11/28/22 18:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 18:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 18:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 18:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 18:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 18:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 18:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 18:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/28/22 18:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 18:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 18:10	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 18:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 18:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 18:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 18:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/28/22 18:10	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 18:10	1
trans-1,2-Dichloroethene	**2.2**		1.0	0.35	ug/L			11/28/22 18:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/28/22 18:10	1

Client Sample ID: DUP1
Lab Sample ID: 500-225716-6
Date Collected: 11/16/22 12:25
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/28/22 18:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/28/22 18:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 18:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 18:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 18:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 18:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 18:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 18:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*		*11/28/22 18:10*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*11/28/22 18:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*11/28/22 18:10*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/28/22 18:10*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1100**		10	4.1	ug/L			11/28/22 18:33	10
Trichloroethene	**230**		5.0	1.6	ug/L			11/28/22 18:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*72 - 124*		*11/28/22 18:33*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*11/28/22 18:33*	*10*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*11/28/22 18:33*	*10*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/28/22 18:33*	*10*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: MW-17D

Date Collected: 11/16/22 14:20
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.29		1.0	0.29	ug/L			11/28/22 18:56	2
Bromobenzene	<0.71		2.0	0.71	ug/L			11/28/22 18:56	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			11/28/22 18:56	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			11/28/22 18:56	2
Bromoform	<0.97		2.0	0.97	ug/L			11/28/22 18:56	2
Bromomethane	<1.6		6.0	1.6	ug/L			11/28/22 18:56	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			11/28/22 18:56	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			11/28/22 18:56	2
Chloroethane	<1.0		2.0	1.0	ug/L			11/28/22 18:56	2
Chloroform	<0.74		4.0	0.74	ug/L			11/28/22 18:56	2
Chloromethane	<0.64		2.0	0.64	ug/L			11/28/22 18:56	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			11/28/22 18:56	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			11/28/22 18:56	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			11/28/22 18:56	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			11/28/22 18:56	2
1,2-Dibromo-3-Chloropropane	<4.0		10	4.0	ug/L			11/28/22 18:56	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			11/28/22 18:56	2
Dibromomethane	<0.54		2.0	0.54	ug/L			11/28/22 18:56	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			11/28/22 18:56	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			11/28/22 18:56	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			11/28/22 18:56	2
Dichlorodifluoromethane	<1.3		6.0	1.3	ug/L			11/28/22 18:56	2
1,1-Dichloroethane	**14**		2.0	0.82	ug/L			11/28/22 18:56	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			11/28/22 18:56	2
1,1-Dichloroethene	**87**		2.0	0.78	ug/L			11/28/22 18:56	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			11/28/22 18:56	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			11/28/22 18:56	2
2,2-Dichloropropane	<0.89		2.0	0.89	ug/L			11/28/22 18:56	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			11/28/22 18:56	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			11/28/22 18:56	2
Hexachlorobutadiene	<0.89		2.0	0.89	ug/L			11/28/22 18:56	2
Isopropylbenzene	<0.77		2.0	0.77	ug/L			11/28/22 18:56	2
Isopropyl ether	<0.55		2.0	0.55	ug/L			11/28/22 18:56	2
Methylene Chloride	<3.3		10	3.3	ug/L			11/28/22 18:56	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			11/28/22 18:56	2
Naphthalene	<0.67		2.0	0.67	ug/L			11/28/22 18:56	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			11/28/22 18:56	2
N-Propylbenzene	<0.83		2.0	0.83	ug/L			11/28/22 18:56	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			11/28/22 18:56	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			11/28/22 18:56	2
Styrene	<0.77		2.0	0.77	ug/L			11/28/22 18:56	2
tert-Butylbenzene	<0.80		2.0	0.80	ug/L			11/28/22 18:56	2
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			11/28/22 18:56	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			11/28/22 18:56	2
Tetrachloroethene	<0.74		2.0	0.74	ug/L			11/28/22 18:56	2
Toluene	<0.30		1.0	0.30	ug/L			11/28/22 18:56	2
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			11/28/22 18:56	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			11/28/22 18:56	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			11/28/22 18:56	2

Client Sample ID: MW-17D
Lab Sample ID: 500-225716-7
Date Collected: 11/16/22 14:20
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			11/28/22 18:56	2
1,1,1-Trichloroethane	**110**		2.0	0.76	ug/L			11/28/22 18:56	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			11/28/22 18:56	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			11/28/22 18:56	2
1,2,3-Trichloropropane	<0.83		4.0	0.83	ug/L			11/28/22 18:56	2
1,2,4-Trimethylbenzene	<0.72		2.0	0.72	ug/L			11/28/22 18:56	2
1,3,5-Trimethylbenzene	<0.51		2.0	0.51	ug/L			11/28/22 18:56	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			11/28/22 18:56	2
Xylenes, Total	<0.44		2.0	0.44	ug/L			11/28/22 18:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*72 - 124*		*11/28/22 18:56*	*2*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*11/28/22 18:56*	*2*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*11/28/22 18:56*	*2*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/28/22 18:56*	*2*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**580**		20	8.2	ug/L			11/28/22 19:19	20
Trichloroethene	**920**		10	3.3	ug/L			11/28/22 19:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*72 - 124*		*11/28/22 19:19*	*20*
Dibromofluoromethane (Surr)	*111*		*75 - 120*		*11/28/22 19:19*	*20*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*11/28/22 19:19*	*20*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/28/22 19:19*	*20*

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225716-1

Client Sample ID: TB-1
Date Collected: 11/16/22 00:00
Date Received: 11/18/22 10:00

Lab Sample ID: 500-225716-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 18:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/29/22 18:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/29/22 18:14	1
Bromoform	<0.48		1.0	0.48	ug/L			11/29/22 18:14	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/29/22 18:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/29/22 18:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/29/22 18:14	1
Chloroform	<0.37		2.0	0.37	ug/L			11/29/22 18:14	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/29/22 18:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/29/22 18:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/29/22 18:14	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/29/22 18:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/29/22 18:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/29/22 18:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/29/22 18:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/29/22 18:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/29/22 18:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/29/22 18:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/29/22 18:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/29/22 18:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/29/22 18:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/29/22 18:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/29/22 18:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 18:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/29/22 18:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/29/22 18:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/29/22 18:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/29/22 18:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/29/22 18:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/29/22 18:14	1
Styrene	<0.39		1.0	0.39	ug/L			11/29/22 18:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/29/22 18:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/29/22 18:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/29/22 18:14	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/29/22 18:14	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 18:14	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/29/22 18:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: TB-1
Lab Sample ID: 500-225716-8
Date Collected: 11/16/22 00:00
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/29/22 18:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/29/22 18:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 18:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 18:14	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/29/22 18:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/29/22 18:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/29/22 18:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/29/22 18:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/29/22 18:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 18:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*11/29/22 18:14*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*11/29/22 18:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/29/22 18:14*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 18:14*	*1*

Definitions/Glossary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

GC/MS VOA

Analysis Batch: 686960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225716-1	MW-10S	Total/NA	Water	8260B	
500-225716-2	MW-10I	Total/NA	Water	8260B	
500-225716-3	MW-14SR	Total/NA	Water	8260B	
500-225716-4	MW-14IR	Total/NA	Water	8260B	
500-225716-5	MW-15D	Total/NA	Water	8260B	
500-225716-5 - DL	MW-15D	Total/NA	Water	8260B	
500-225716-6	DUP1	Total/NA	Water	8260B	
500-225716-6 - DL	DUP1	Total/NA	Water	8260B	
500-225716-7	MW-17D	Total/NA	Water	8260B	
500-225716-7 - DL	MW-17D	Total/NA	Water	8260B	
MB 500-686960/6	Method Blank	Total/NA	Water	8260B	
LCS 500-686960/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 687206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225716-3 - DL	MW-14SR	Total/NA	Water	8260B	
500-225716-4 - DL	MW-14IR	Total/NA	Water	8260B	
500-225716-8	TB-1	Total/NA	Water	8260B	
MB 500-687206/8	Method Blank	Total/NA	Water	8260B	
LCS 500-687206/6	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-225716-1	MW-10S	79	109	107	97
500-225716-2	MW-10I	80	112	106	96
500-225716-3	MW-14SR	85	106	105	97
500-225716-3 - DL	MW-14SR	105	89	86	98
500-225716-4	MW-14IR	83	105	104	96
500-225716-4 - DL	MW-14IR	106	88	86	98
500-225716-5	MW-15D	86	108	106	95
500-225716-5 - DL	MW-15D	85	110	104	92
500-225716-6	DUP1	85	108	106	93
500-225716-6 - DL	DUP1	83	107	103	93
500-225716-7	MW-17D	81	110	107	93
500-225716-7 - DL	MW-17D	80	111	106	93
500-225716-8	TB-1	106	90	87	98
LCS 500-686960/4	Lab Control Sample	84	104	103	99
LCS 500-687206/6	Lab Control Sample	101	81	78	100
MB 500-686960/6	Method Blank	82	103	103	98
MB 500-687206/8	Method Blank	104	85	84	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-686960/6
Matrix: Water
Analysis Batch: 686960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/28/22 11:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/28/22 11:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/28/22 11:17	1
Bromoform	<0.48		1.0	0.48	ug/L			11/28/22 11:17	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/28/22 11:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/28/22 11:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/28/22 11:17	1
Chloroform	<0.37		2.0	0.37	ug/L			11/28/22 11:17	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/28/22 11:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/28/22 11:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/28/22 11:17	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/28/22 11:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/28/22 11:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/28/22 11:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/28/22 11:17	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/28/22 11:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/28/22 11:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/28/22 11:17	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/28/22 11:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/28/22 11:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/28/22 11:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/28/22 11:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/28/22 11:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/28/22 11:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/28/22 11:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/28/22 11:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/28/22 11:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
Naphthalene	0.472	J	1.0	0.34	ug/L			11/28/22 11:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/28/22 11:17	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 11:17	1
Styrene	<0.39		1.0	0.39	ug/L			11/28/22 11:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/28/22 11:17	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/28/22 11:17	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/28/22 11:17	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/28/22 11:17	1
Toluene	<0.15		0.50	0.15	ug/L			11/28/22 11:17	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/28/22 11:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-686960/6
Matrix: Water
Analysis Batch: 686960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
1,2,3-Trichlorobenzene	0.542	J	1.0	0.46	ug/L			11/28/22 11:17	1
1,2,4-Trichlorobenzene	0.378	J	1.0	0.34	ug/L			11/28/22 11:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/28/22 11:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/28/22 11:17	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/28/22 11:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/28/22 11:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/28/22 11:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/28/22 11:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/28/22 11:17	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/28/22 11:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/28/22 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*72 - 124*		*11/28/22 11:17*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*11/28/22 11:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*11/28/22 11:17*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/28/22 11:17*	*1*

Lab Sample ID: LCS 500-686960/4
Matrix: Water
Analysis Batch: 686960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	51.1		ug/L		102	70 - 120
Bromobenzene	50.0	45.4		ug/L		91	70 - 122
Bromochloromethane	50.0	49.2		ug/L		98	65 - 122
Bromodichloromethane	50.0	49.1		ug/L		98	69 - 120
Bromoform	50.0	49.8		ug/L		100	56 - 132
Bromomethane	50.0	58.8		ug/L		118	40 - 152
Carbon tetrachloride	50.0	59.3		ug/L		119	59 - 133
Chlorobenzene	50.0	46.1		ug/L		92	70 - 120
Chloroethane	50.0	61.5		ug/L		123	48 - 136
Chloroform	50.0	50.8		ug/L		102	70 - 120
Chloromethane	50.0	49.8		ug/L		100	56 - 152
2-Chlorotoluene	50.0	45.9		ug/L		92	70 - 125
4-Chlorotoluene	50.0	45.5		ug/L		91	68 - 124
cis-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	45.5		ug/L		91	64 - 127
Dibromochloromethane	50.0	46.9		ug/L		94	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	37.8		ug/L		76	56 - 123
1,2-Dibromoethane	50.0	41.7		ug/L		83	70 - 125
Dibromomethane	50.0	47.1		ug/L		94	70 - 120
1,2-Dichlorobenzene	50.0	46.0		ug/L		92	70 - 125
1,3-Dichlorobenzene	50.0	46.3		ug/L		93	70 - 125
1,4-Dichlorobenzene	50.0	46.4		ug/L		93	70 - 120
Dichlorodifluoromethane	50.0	46.6		ug/L		93	40 - 159
1,1-Dichloroethane	50.0	50.8		ug/L		102	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-686960/4
Matrix: Water
Analysis Batch: 686960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	49.8		ug/L		100	68 - 127
1,1-Dichloroethene	50.0	51.2		ug/L		102	67 - 122
1,2-Dichloropropane	50.0	46.9		ug/L		94	67 - 130
1,3-Dichloropropane	50.0	45.1		ug/L		90	62 - 136
2,2-Dichloropropane	50.0	51.6		ug/L		103	58 - 139
1,1-Dichloropropene	50.0	53.8		ug/L		108	70 - 121
Ethylbenzene	50.0	43.5		ug/L		87	70 - 123
Hexachlorobutadiene	50.0	55.9		ug/L		112	51 - 150
Isopropylbenzene	50.0	46.6		ug/L		93	70 - 126
Methylene Chloride	50.0	48.0		ug/L		96	69 - 125
Methyl tert-butyl ether	50.0	45.9		ug/L		92	55 - 123
Naphthalene	50.0	28.0		ug/L		56	53 - 144
n-Butylbenzene	50.0	48.2		ug/L		96	68 - 125
N-Propylbenzene	50.0	45.8		ug/L		92	69 - 127
p-Isopropyltoluene	50.0	46.0		ug/L		92	70 - 125
sec-Butylbenzene	50.0	49.7		ug/L		99	70 - 123
Styrene	50.0	46.3		ug/L		93	70 - 120
tert-Butylbenzene	50.0	46.6		ug/L		93	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/L		97	70 - 125
1,1,2,2-Tetrachloroethane	50.0	38.4		ug/L		77	62 - 140
Tetrachloroethene	50.0	55.3		ug/L		111	70 - 128
Toluene	50.0	47.2		ug/L		94	70 - 125
trans-1,2-Dichloroethene	50.0	51.7		ug/L		103	70 - 125
trans-1,3-Dichloropropene	50.0	43.5		ug/L		87	62 - 128
1,2,3-Trichlorobenzene	50.0	33.4		ug/L		67	51 - 145
1,2,4-Trichlorobenzene	50.0	41.8		ug/L		84	57 - 137
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	70 - 125
1,1,2-Trichloroethane	50.0	44.9		ug/L		90	71 - 130
Trichloroethene	50.0	48.2		ug/L		96	70 - 125
Trichlorofluoromethane	50.0	56.5		ug/L		113	55 - 128
1,2,3-Trichloropropane	50.0	37.9		ug/L		76	50 - 133
1,2,4-Trimethylbenzene	50.0	47.5		ug/L		95	70 - 123
1,3,5-Trimethylbenzene	50.0	47.1		ug/L		94	70 - 123
Vinyl chloride	50.0	44.9		ug/L		90	64 - 126
Xylenes, Total	100	94.9		ug/L		95	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*72 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Sample ID: MB 500-687206/8
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-687206/8
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.36		1.0	0.36	ug/L			11/29/22 11:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/29/22 11:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/29/22 11:06	1
Bromoform	<0.48		1.0	0.48	ug/L			11/29/22 11:06	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/29/22 11:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/29/22 11:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/29/22 11:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/29/22 11:06	1
Chloroform	<0.37		2.0	0.37	ug/L			11/29/22 11:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/29/22 11:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/29/22 11:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/29/22 11:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			11/29/22 11:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/29/22 11:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/29/22 11:06	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/29/22 11:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/29/22 11:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			11/29/22 11:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/29/22 11:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/29/22 11:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/29/22 11:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/29/22 11:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/29/22 11:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/29/22 11:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/29/22 11:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/29/22 11:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/29/22 11:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/29/22 11:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/29/22 11:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 11:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/29/22 11:06	1
Isopropylbenzene	0.707	J	1.0	0.39	ug/L			11/29/22 11:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/29/22 11:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/29/22 11:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/29/22 11:06	1
Naphthalene	0.808	J	1.0	0.34	ug/L			11/29/22 11:06	1
n-Butylbenzene	0.690	J	1.0	0.39	ug/L			11/29/22 11:06	1
N-Propylbenzene	0.654	J	1.0	0.41	ug/L			11/29/22 11:06	1
p-Isopropyltoluene	0.781	J	1.0	0.36	ug/L			11/29/22 11:06	1
sec-Butylbenzene	0.688	J	1.0	0.40	ug/L			11/29/22 11:06	1
Styrene	0.802	J	1.0	0.39	ug/L			11/29/22 11:06	1
tert-Butylbenzene	0.680	J	1.0	0.40	ug/L			11/29/22 11:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/29/22 11:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/29/22 11:06	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			11/29/22 11:06	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			11/29/22 11:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/29/22 11:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/29/22 11:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-687206/8
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/29/22 11:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 11:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 11:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/29/22 11:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/29/22 11:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/29/22 11:06	1
1,2,4-Trimethylbenzene	0.766	J	1.0	0.36	ug/L			11/29/22 11:06	1
1,3,5-Trimethylbenzene	0.814	J	1.0	0.25	ug/L			11/29/22 11:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 11:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*11/29/22 11:06*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*11/29/22 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*11/29/22 11:06*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 11:06*	*1*

Lab Sample ID: LCS 500-687206/6
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	40.0	41.2		ug/L		103	70 - 120
Bromobenzene	40.0	48.3		ug/L		121	70 - 122
Bromochloromethane	40.0	37.2		ug/L		93	65 - 122
Bromodichloromethane	40.0	36.3		ug/L		91	69 - 120
Bromoform	40.0	36.3		ug/L		91	56 - 132
Bromomethane	40.0	35.8		ug/L		90	40 - 152
Carbon tetrachloride	40.0	34.0		ug/L		85	59 - 133
Chlorobenzene	40.0	43.6		ug/L		109	70 - 120
Chloroethane	40.0	35.3		ug/L		88	48 - 136
Chloroform	40.0	34.4		ug/L		86	70 - 120
Chloromethane	40.0	38.7		ug/L		97	56 - 152
2-Chlorotoluene	40.0	47.5		ug/L		119	70 - 125
4-Chlorotoluene	40.0	47.6		ug/L		119	68 - 124
cis-1,2-Dichloroethene	40.0	40.3		ug/L		101	70 - 125
cis-1,3-Dichloropropene	40.0	35.9		ug/L		90	64 - 127
Dibromochloromethane	40.0	38.8		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	40.0	30.0		ug/L		75	56 - 123
1,2-Dibromoethane	40.0	38.6		ug/L		97	70 - 125
Dibromomethane	40.0	34.3		ug/L		86	70 - 120
1,2-Dichlorobenzene	40.0	43.3		ug/L		108	70 - 125
1,3-Dichlorobenzene	40.0	45.2		ug/L		113	70 - 125
1,4-Dichlorobenzene	40.0	43.1		ug/L		108	70 - 120
Dichlorodifluoromethane	40.0	33.2		ug/L		83	40 - 159
1,1-Dichloroethane	40.0	38.3		ug/L		96	70 - 125
1,2-Dichloroethane	40.0	37.6		ug/L		94	68 - 127
1,1-Dichloroethene	40.0	37.7		ug/L		94	67 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-687206/6
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	40.0	41.5		ug/L		104	67 - 130
1,3-Dichloropropane	40.0	40.2		ug/L		101	62 - 136
2,2-Dichloropropane	40.0	35.0		ug/L		88	58 - 139
1,1-Dichloropropene	40.0	39.4		ug/L		98	70 - 121
Ethylbenzene	40.0	46.8		ug/L		117	70 - 123
Hexachlorobutadiene	40.0	33.8		ug/L		85	51 - 150
Isopropylbenzene	40.0	44.0		ug/L		110	70 - 126
Methylene Chloride	40.0	35.7		ug/L		89	69 - 125
Methyl tert-butyl ether	40.0	34.5		ug/L		86	55 - 123
Naphthalene	40.0	29.6		ug/L		74	53 - 144
n-Butylbenzene	40.0	40.3		ug/L		101	68 - 125
N-Propylbenzene	40.0	43.9		ug/L		110	69 - 127
p-Isopropyltoluene	40.0	41.6		ug/L		104	70 - 125
sec-Butylbenzene	40.0	41.8		ug/L		105	70 - 123
Styrene	40.0	38.4		ug/L		96	70 - 120
tert-Butylbenzene	40.0	41.9		ug/L		105	70 - 121
1,1,1,2-Tetrachloroethane	40.0	41.0		ug/L		103	70 - 125
1,1,2,2-Tetrachloroethane	40.0	41.3		ug/L		103	62 - 140
Tetrachloroethene	40.0	45.9		ug/L		115	70 - 128
Toluene	40.0	45.0		ug/L		113	70 - 125
trans-1,2-Dichloroethene	40.0	40.4		ug/L		101	70 - 125
trans-1,3-Dichloropropene	40.0	34.0		ug/L		85	62 - 128
1,2,3-Trichlorobenzene	40.0	31.0		ug/L		78	51 - 145
1,2,4-Trichlorobenzene	40.0	35.5		ug/L		89	57 - 137
1,1,1-Trichloroethane	40.0	36.0		ug/L		90	70 - 125
1,1,2-Trichloroethane	40.0	42.7		ug/L		107	71 - 130
Trichloroethene	40.0	42.4		ug/L		106	70 - 125
Trichlorofluoromethane	40.0	30.1		ug/L		75	55 - 128
1,2,3-Trichloropropane	40.0	39.4		ug/L		98	50 - 133
1,2,4-Trimethylbenzene	40.0	41.7		ug/L		104	70 - 123
1,3,5-Trimethylbenzene	40.0	42.1		ug/L		105	70 - 123
Vinyl chloride	40.0	38.7		ug/L		97	64 - 126
Xylenes, Total	80.0	83.9		ug/L		105	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*81*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: MW-10S
Lab Sample ID: 500-225716-1
Date Collected: 11/16/22 13:35
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686960	W1T	EET CHI	11/28/22 15:53

Client Sample ID: MW-10I
Lab Sample ID: 500-225716-2
Date Collected: 11/16/22 13:50
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686960	W1T	EET CHI	11/28/22 16:15

Client Sample ID: MW-14SR
Lab Sample ID: 500-225716-3
Date Collected: 11/16/22 12:50
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686960	W1T	EET CHI	11/28/22 16:38
Total/NA	Analysis	8260B	DL	10	687206	PSP	EET CHI	11/29/22 17:21

Client Sample ID: MW-14IR
Lab Sample ID: 500-225716-4
Date Collected: 11/16/22 13:00
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686960	W1T	EET CHI	11/28/22 17:01
Total/NA	Analysis	8260B	DL	10	687206	PSP	EET CHI	11/29/22 17:48

Client Sample ID: MW-15D
Lab Sample ID: 500-225716-5
Date Collected: 11/16/22 12:20
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	686960	W1T	EET CHI	11/28/22 17:24
Total/NA	Analysis	8260B	DL	20	686960	W1T	EET CHI	11/28/22 17:47

Client Sample ID: DUP1
Lab Sample ID: 500-225716-6
Date Collected: 11/16/22 12:25
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686960	W1T	EET CHI	11/28/22 18:10
Total/NA	Analysis	8260B	DL	10	686960	W1T	EET CHI	11/28/22 18:33

Lab Chronicle

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: MW-17D
Lab Sample ID: 500-225716-7
Date Collected: 11/16/22 14:20
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	686960	W1T	EET CHI	11/28/22 18:56
Total/NA	Analysis	8260B	DL	20	686960	W1T	EET CHI	11/28/22 19:19

Client Sample ID: TB-1
Lab Sample ID: 500-225716-8
Date Collected: 11/16/22 00:00
Matrix: Water
Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	687206	PSP	EET CHI	11/29/22 18:14

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Job ID: 500-225716-1
Project/Site: Pentair Deerfield - 117-7469010.100

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins
Environment Testing

Laura Dykstra

Client Information	Sampler: Kenny Rodriguez	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-107146-26181 1
Client Contact: Mr Mark Manthey	Phone: (906) 275-8708	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: Tetra Tech GEO	PWSID:	Analysis Requested		Job #: 500-225716
Address: 13555 Bishops Ct Suite 220	Due Date Requested: standard			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify); Other:
City: Brookfield	TAT Requested (days):			
State, Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262-792-1282(Tel)	PO #: Purchase Order not required			
Email: mark manthey@tetratech com	WO #:			
Project Name: Pentair Deerfield	Project #: 50006640 117-7469010.100			
Site:	SSOW#:			

500-225716 COC

Sample Identification	2022 Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs Wisconsin	Total Number of containers	Special Instructions/Note
			Preservation Code:				A		
1 MW-10S	11/16	13 35	G	Water			3		
2 MW-10I	11/16	13.50		Water			3		
3 MW-14SR	11/16	12 50		Water			3		
4 MW-14IR	11/16	13 00		Water			3		
5 MW-15D	11/16	12.20		Water			3		
6 DUP 1	11/16	12 25		Water			3		
7 MW-17D	11/16	14'20		Water			3		
8 TB-1	—	—	↓	Water			1		lab prepared
				Water					
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment: Eurofins

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: KRG	11/17/22 14.00	Tetra Tech		11/18/22 1000	EET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5.1 → 5.3

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-225716-1
SDG Number:

Login Number: 225716
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark Manthey
Tetra Tech GEO
13555 Bishops Ct
Suite 220
Brookfield, Wisconsin 53005

Generated 12/5/2022 11:06:35 AM

JOB DESCRIPTION

Pentair Deerfield - 117-7469010.100

JOB NUMBER

500-225717-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

Generated
12/5/2022 11:06:35 AM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Case Narrative

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Job ID: 500-225717-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-225717-1

Comments
No additional comments.

Receipt
The samples were received on 11/18/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Influent
Lab Sample ID: 500-225717-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
Trichloroethene	110		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Effluent
Lab Sample ID: 500-225717-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-225717-1	Influent	Water	11/16/22 14:47	11/18/22 10:00
500-225717-2	Effluent	Water	11/16/22 14:20	11/18/22 10:00

Client Sample Results

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Influent
Lab Sample ID: 500-225717-1
Date Collected: 11/16/22 14:47
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.6**		1.0	0.38	ug/L			11/26/22 14:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/26/22 14:40	1
Benzene	<0.15		0.50	0.15	ug/L			11/26/22 14:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/26/22 14:40	1
Toluene	<0.15		0.50	0.15	ug/L			11/26/22 14:40	1
Trichloroethene	**110**		0.50	0.16	ug/L			11/26/22 14:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/26/22 14:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/26/22 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*11/26/22 14:40*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*11/26/22 14:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*11/26/22 14:40*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/26/22 14:40*	*1*

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Client Sample ID: Effluent
Lab Sample ID: 500-225717-2
Date Collected: 11/16/22 14:20
Matrix: Water
Date Received: 11/18/22 10:00

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 11:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 11:33	1
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 11:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 11:33	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 11:33	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			11/29/22 11:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 11:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*11/29/22 11:33*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*11/29/22 11:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*		*11/29/22 11:33*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 11:33*	*1*

Definitions/Glossary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

GC/MS VOA

Analysis Batch: 686860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225717-1	Influent	Total/NA	Water	8260B	
MB 500-686860/8	Method Blank	Total/NA	Water	8260B	
LCS 500-686860/30	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 687206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225717-2	Effluent	Total/NA	Water	8260B	
MB 500-687206/8	Method Blank	Total/NA	Water	8260B	
LCS 500-687206/6	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-225717-1	Influent	107	93	111	93
500-225717-2	Effluent	104	85	80	98
LCS 500-686860/30	Lab Control Sample	105	92	107	95
LCS 500-687206/6	Lab Control Sample	101	81	78	100
MB 500-686860/8	Method Blank	106	91	108	94
MB 500-687206/8	Method Blank	104	85	84	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-686860/8
Matrix: Water
Analysis Batch: 686860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/26/22 10:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/26/22 10:37	1
Benzene	<0.15		0.50	0.15	ug/L			11/26/22 10:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/26/22 10:37	1
Toluene	<0.15		0.50	0.15	ug/L			11/26/22 10:37	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/26/22 10:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/26/22 10:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/26/22 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*11/26/22 10:37*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*11/26/22 10:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*11/26/22 10:37*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*11/26/22 10:37*	*1*

Lab Sample ID: LCS 500-686860/30
Matrix: Water
Analysis Batch: 686860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 125
1,1,2-Trichloroethane	50.0	48.2		ug/L		96	71 - 130
Benzene	50.0	45.9		ug/L		92	70 - 120
Ethylbenzene	50.0	44.5		ug/L		89	70 - 123
Toluene	50.0	49.6		ug/L		99	70 - 125
Trichloroethene	50.0	45.2		ug/L		90	70 - 125
Vinyl chloride	50.0	53.7		ug/L		107	64 - 126
Xylenes, Total	100	96.5		ug/L		97	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-687206/8
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/29/22 11:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/29/22 11:06	1
Benzene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/29/22 11:06	1
Toluene	<0.15		0.50	0.15	ug/L			11/29/22 11:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			11/29/22 11:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/29/22 11:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/29/22 11:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*11/29/22 11:06*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*11/29/22 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*11/29/22 11:06*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/29/22 11:06*	*1*

Lab Sample ID: LCS 500-687206/6
Matrix: Water
Analysis Batch: 687206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	40.0	36.0		ug/L		90	70 - 125
1,1,2-Trichloroethane	40.0	42.7		ug/L		107	71 - 130
Benzene	40.0	41.2		ug/L		103	70 - 120
Ethylbenzene	40.0	46.8		ug/L		117	70 - 123
Toluene	40.0	45.0		ug/L		113	70 - 125
Trichloroethene	40.0	42.4		ug/L		106	70 - 125
Vinyl chloride	40.0	38.7		ug/L		97	64 - 126
Xylenes, Total	80.0	83.9		ug/L		105	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*81*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Pentair Deerfield - 117-7469010.100

Job ID: 500-225717-1

Client Sample ID: Influent

Lab Sample ID: 500-225717-1

Date Collected: 11/16/22 14:47

Matrix: Water

Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686860	W1T	EET CHI	11/26/22 14:40

Client Sample ID: Effluent

Lab Sample ID: 500-225717-2

Date Collected: 11/16/22 14:20

Matrix: Water

Date Received: 11/18/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	687206	PSP	EET CHI	11/29/22 11:33

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Tetra Tech GEO
Job ID: 500-225717-1
Project/Site: Pentair Deerfield - 117-7469010.100

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708 534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: Kenny Rodriguez	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-107146-26181 1
Client Contact: Mr Mark Manthey	Phone: (906) 275-8708	E Mail: Sandra Fredrick@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: Tetra Tech GEO	PWS D:	Analysis Requested		Job #: 500-225717
Address: 13555 Bishops Ct Suite 220	Due Date Requested: standard			Preservation Codes: A HCL; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G Anchor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4 5; Y Trizma; Z other (specify)
City: Brookfield	TAT Requested (days):			
State Zip: WI 53005	Compliance Project: Δ Yes Δ No			
Phone: 262 792 1282 Tel	PO #: Purchase Order not required			Other:
Email: mark manthey@tetratech com	WO #:			
Project Name: Pentair Deerfield	Project #: 50006640 117-7469010.100			
Site:	SSOW#:			

500-225717 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs - Wisconsin	TCE	1,1,1 - TCA	1,1,2 - TCA	Vinyl Chloride	BETX	by method 8260B	Total Number of containers	Special Instructions/Note
	2022		Preservation Code:				A								
2 Influent	11/16	14.47	G	Water				3	→	→	→	→	→		separate report required
Effluent	11/16	14 20	G	Water				3	→	→	→	→	→		
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											
				Water											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment: Eurofins

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
KRG	11/17/22 14 00	Tetra Tech	[signature]	11/18/22 1008	EETA
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks: 5.1-T93

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-225717-1
SDG Number:

Login Number: 225717
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	