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ZF Active Safety US Inc.

PROGRESS REPORT NO. 14

Former Kelsey-Hayes Company Site
Milford, Michigan

Administrative Order for Response Activity
EGLE Docket No. AO-RRD-22-001

June 15, 2023

PROGRESS REPORT NO. 14
FORMER KELSEY-HAYES COMPANY
MILFORD, MICHIGAN
ADMINISTRATIVE ORDER FOR RESPONSE ACTIVITY
EGLE DOCKET NO. AO-RRD-22-001

This progress report has been prepared and is being submitted pursuant to Section XII of the Administrative Order for Response Activity, Docket No. AO-RRD-22-001 (AO) issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to ZF Active Safety US Inc. (ZF or Respondent) on March 16, 2022 (effective date), with respect to the former Kelsey-Hayes Company site in Milford, Michigan. This progress report provides information regarding response activities and other matters related to the AO that occurred from May 15, 2023, through June 14, 2023.

Chronological Description of Activities Conducted During the Specified Reporting Period

- Observation wells OW-16D2R1 and OW-16D2R2 were sampled on May 12, 2023. The samples were submitted to Eurofins Canton, Ohio (Eurofins) for analysis of volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Test Method 8260D. Laboratory analytical results and field sampling logs were submitted to EGLE and the Village of Milford (VOM) on May 25, 2023. Vinyl chloride was not detected at or above the reporting limit of 1.0 microgram per liter ($\mu\text{g}/\text{L}$) in any of the May 12, 2023 samples. The laboratory analytical report and field sampling logs are included in **Attachment 1**.
- On May 19, 2023, EGLE granted the Third Modification of the AO (Third Modification), which updates the provisions of Paragraph 5.3 to extend the deadline to complete the removal of compromised observation well OW-16D2 to June 19, 2023. A copy of the Third Modification is included in **Attachment 2**.
- On May 22, 2023, Oakland County issued a permit to plug compromised observation well OW-16D2. A copy of the permit is included in **Attachment 3**.
- From May 30 through June 1, 2023, compromised observation well OW-16D2 was abandoned. Prior to well abandonment, a down-hole camera survey was completed to document the condition of the well. The driller attempted to physically remove the well casing and screen but was unsuccessful. Mr. Brandon Alger of EGLE was onsite on May 30 and 31, 2023. He agreed that a reasonable, good faith attempt was made to remove the well casing and screen and that no further removal efforts were warranted. As a result of these circumstances, Mr. Alger agreed that the borehole should be grouted with the well materials remaining in place in accordance with the Work Plan. ZF completed this grouting work on June 1, 2023, and then restored the area with topsoil and grass seed. ZF will submit to EGLE by June 30, 2023, a summary letter (including photographs, field notes and the driller well abandonment log) to document the steps that were taken to remove/abandon and verify the condition of compromised observation well OW-16D2.
- As a follow-up to the abandonment of compromised observation well OW-16D2, on June 1, 2023, ZF sent an e-mail to EGLE inquiring whether the language of the Third Modification needed to be amended in light of the actual well abandonment process. EGLE's June 9, 2023 e-mail response to this inquiry indicated that, subject to Michigan Department of Attorney General approval, no

PROGRESS REPORT NO. 14

amendment to the Third Modification is necessary because ZF's well abandonment work is consistent with the requirements in the Third Modification.

- Observation wells OW-16D2R1 and OW-16D2R2 were sampled on June 13, 2023. The samples were submitted to Eurofins for analysis of VOCs using USEPA Test Method 8260D. Laboratory analytical results will be submitted to EGLE and VOM when available.

Results of Sampling and Tests and Other Data

- The laboratory analytical report and field sampling logs for samples collected on May 12, 2023, from observation wells OW-16D2R1 and OW-16D2R2 were submitted to EGLE and VOM on May 25, 2023, and are included in **Attachment 1**. Vinyl chloride was not detected at or above the reporting limit of 1.0 µg/L in any of the May 12, 2023 samples.
- The summary table of laboratory analytical results of samples and field parameters collected from observation wells OW-16D2R1 and OW-16D2R2 was updated to include the laboratory analytical results and field parameters from the May 12, 2023, sampling event and is included in **Attachment 4**.

Status of Access Issues

- There were no issues with access during the reporting period.

Scheduled for the Next Reporting Period

- Conduct monthly sampling at observation wells OW-16D2R1 and OW-16D2R2, with analysis of VOCs using USEPA Test Method 8260D by Eurofins within 10 to 14 days of sample collection.
- Submit a summary letter to document the steps that were taken to remove/abandon and verify the condition of compromised observation well OW-16D2.
- Continue to work with Ms. Yusko-Kotimko on VOM's Permit Application for Water Supply Systems pursuant to Act 399 for construction of the VOM treatment system improvements.

Other Relevant Information

- ZF and EGLE are continuing to work on an Administrative Order by Consent (AOC) which, when put into effect, would replace the AO. On May 24, 2023, EGLE provided a second draft of the AOC for ZF review and comment. On June 1, 2023, ZF responded with its proposed minor revisions on the second draft of the AOC.

Attachments

1. Laboratory Analytical Report and Field Sampling Logs (Observation Wells OW-16D2R1 and OW-16D2R2)
2. Third Modification of the Administrative Order, Effective May 19, 2023
3. Oakland County Permit to Plug Compromised Observation Well OW-16D2
4. Summary Table of Analytical Results of Samples and Field Parameters (Observation Wells OW-16D2R1 and OW-16D2R2)

ATTACHMENT 1

Laboratory Analytical Report and Field Sampling Logs (Observation Wells OW-16D2R1 and OW-16D2R2)

ANALYTICAL REPORT

PREPARED FOR

Attn: Scott Detwiler
ZF Active Safety and Electronics LLC
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12025 Tech Center Drive
Livonia, Michigan 48150

Generated 5/25/2023 8:47:22 AM Revision 1

JOB DESCRIPTION

TRW Milford

JOB NUMBER

240-185303-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Eurofins Cleveland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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 Environment Testing North Central, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
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Definitions/Glossary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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

Case Narrative

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Job ID: 240-185303-1

Laboratory: Eurofins Cleveland

Narrative

Job Narrative 240-185303-1

Receipt

The samples were received on 5/13/2023 8:00 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 time was 0.2°C

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-574352 was outside the method criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, Acetone, Carbon tetrachloride, Cyclohexane and Methylcyclohexane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

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

Method Summary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

Protocol References:

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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Sample Summary

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
240-185303-1	OW-09-ML-A_051123	Water	05/11/23 07:45	05/13/23 08:00	1
240-185303-2	OW-09-ML-D_051123	Water	05/11/23 08:40	05/13/23 08:00	2
240-185303-3	OW-09-ML-B_051123	Water	05/11/23 09:30	05/13/23 08:00	3
240-185303-4	OW-09-ML-C_051123	Water	05/11/23 10:25	05/13/23 08:00	4
240-185303-5	OW-18-ML-A-051123	Water	05/11/23 12:00	05/13/23 08:00	5
240-185303-6	OW-18-ML-B_051123	Water	05/11/23 12:55	05/13/23 08:00	6
240-185303-7	OW-18-ML-C_051123	Water	05/11/23 13:45	05/13/23 08:00	7
240-185303-8	OW-18-ML-D_051123	Water	05/11/23 14:25	05/13/23 08:00	8
240-185303-9	OW-18-ML-E_051123	Water	05/11/23 15:50	05/13/23 08:00	9
240-185303-10	OW-18-ML-F_051123	Water	05/11/23 16:55	05/13/23 08:00	10
240-185303-11	OW-22_051123	Water	05/11/23 18:15	05/13/23 08:00	11
240-185303-12	EQUIPMENT BLANK	Water	05/11/23 18:30	05/13/23 08:00	12
240-185303-13	FIELD BLANK_051123	Water	05/11/23 18:45	05/13/23 08:00	13
240-185303-14	TRIP BLANK	Water	05/11/23 00:00	05/13/23 08:00	14
240-185303-15	OW-16D2R1_051223	Water	05/11/23 09:10	05/13/23 08:00	
240-185303-16	OW-16D2R2_051223	Water	05/11/23 10:00	05/13/23 08:00	
240-185303-17	TRIP BLANK_051223	Water	05/11/23 00:00	05/13/23 08:00	
240-185303-18	EQUIPMENT BLANK_051223	Water	05/11/23 10:15	05/13/23 08:00	
240-185303-19	FIELD BLANK_051223	Water	05/11/23 10:30	05/13/23 08:00	

Detection Summary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-A_051123

Lab Sample ID: 240-185303-1

No Detections.

Client Sample ID: OW-09-ML-D_051123

Lab Sample ID: 240-185303-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.5		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-09-ML-B-_051123

Lab Sample ID: 240-185303-3

No Detections.

Client Sample ID: OW-09-ML-C_051123

Lab Sample ID: 240-185303-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-A-051123

Lab Sample ID: 240-185303-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-B_051123

Lab Sample ID: 240-185303-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-C_051123

Lab Sample ID: 240-185303-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-D_051123

Lab Sample ID: 240-185303-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.0		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	5.9		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-E_051123

Lab Sample ID: 240-185303-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	7.5		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-18-ML-F_051123

Lab Sample ID: 240-185303-10

No Detections.

Client Sample ID: OW-22_051123

Lab Sample ID: 240-185303-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.4		2.5	ug/L	2.5		8260D	Total/NA
cis-1,2-Dichloroethene	21		2.5	ug/L	2.5		8260D	Total/NA
Tetrachloroethene	4.5		2.5	ug/L	2.5		8260D	Total/NA
Trichloroethene	65		2.5	ug/L	2.5		8260D	Total/NA

Client Sample ID: EQUIPMENT BLANK

Lab Sample ID: 240-185303-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Detection Summary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: FIELD BLANK_051123

Lab Sample ID: 240-185303-13

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-185303-14

No Detections.

Client Sample ID: OW-16D2R1_051223

Lab Sample ID: 240-185303-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.4		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	20		1.0	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: OW-16D2R2_051223

Lab Sample ID: 240-185303-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK_051223

Lab Sample ID: 240-185303-17

No Detections.

Client Sample ID: EQUIPMENT BLANK_051223

Lab Sample ID: 240-185303-18

No Detections.

Client Sample ID: FIELD BLANK_051223

Lab Sample ID: 240-185303-19

No Detections.

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-A_051123

Lab Sample ID: 240-185303-1

Matrix: Water

Date Collected: 05/11/23 07:45
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 04:39		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 04:39		1
2-Hexanone	10	U	10	ug/L		05/23/23 04:39		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 04:39		1
Acetone	10	U	10	ug/L		05/23/23 04:39		1
Benzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 04:39		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 04:39		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 04:39		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 04:39		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 04:39		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Methyl acetate	10	U	10	ug/L		05/23/23 04:39		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 04:39		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 04:39		1
Styrene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Toluene	1.0	U	1.0	ug/L		05/23/23 04:39		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 04:39		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 04:39		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 04:39		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 04:39		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 04:39		1

Eurofins Cleveland

Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-A_051123

Lab Sample ID: 240-185303-1

Matrix: Water

Date Collected: 05/11/23 07:45
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		78 - 122		05/23/23 04:39	1
Dibromofluoromethane (Surr)	96		73 - 120		05/23/23 04:39	1
4-Bromofluorobenzene (Surr)	81		56 - 136		05/23/23 04:39	1
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		05/23/23 04:39	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-D_051123

Lab Sample ID: 240-185303-2

Matrix: Water

Date Collected: 05/11/23 08:40
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 05:03		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 05:03		1
2-Hexanone	10	U	10	ug/L		05/23/23 05:03		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 05:03		1
Acetone	10	U	10	ug/L		05/23/23 05:03		1
Benzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 05:03		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 05:03		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 05:03		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 05:03		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
cis-1,2-Dichloroethene	7.5		1.0	ug/L		05/23/23 05:03		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Methyl acetate	10	U	10	ug/L		05/23/23 05:03		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 05:03		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 05:03		1
Styrene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Toluene	1.0	U	1.0	ug/L		05/23/23 05:03		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:03		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 05:03		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 05:03		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 05:03		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 05:03		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-D_051123

Lab Sample ID: 240-185303-2

Matrix: Water

Date Collected: 05/11/23 08:40
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		78 - 122		05/23/23 05:03	1
Dibromofluoromethane (Surr)	103		73 - 120		05/23/23 05:03	1
4-Bromofluorobenzene (Surr)	91		56 - 136		05/23/23 05:03	1
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		05/23/23 05:03	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-B- 051123

Lab Sample ID: 240-185303-3

Matrix: Water

Date Collected: 05/11/23 09:30
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 05:26		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 05:26		1
2-Hexanone	10	U	10	ug/L		05/23/23 05:26		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 05:26		1
Acetone	10	U	10	ug/L		05/23/23 05:26		1
Benzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 05:26		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 05:26		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 05:26		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 05:26		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:26		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Methyl acetate	10	U	10	ug/L		05/23/23 05:26		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 05:26		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 05:26		1
Styrene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Toluene	1.0	U	1.0	ug/L		05/23/23 05:26		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:26		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 05:26		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 05:26		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 05:26		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 05:26		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-B- 051123

Lab Sample ID: 240-185303-3

Matrix: Water

Date Collected: 05/11/23 09:30
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		78 - 122		05/23/23 05:26	1
Dibromofluoromethane (Surr)	97		73 - 120		05/23/23 05:26	1
4-Bromofluorobenzene (Surr)	82		56 - 136		05/23/23 05:26	1
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/23/23 05:26	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-C_051123

Lab Sample ID: 240-185303-4

Matrix: Water

Date Collected: 05/11/23 10:25
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 05:49		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 05:49		1
2-Hexanone	10	U	10	ug/L		05/23/23 05:49		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 05:49		1
Acetone	10	U	10	ug/L		05/23/23 05:49		1
Benzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 05:49		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 05:49		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 05:49		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 05:49		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
cis-1,2-Dichloroethene	6.8		1.0	ug/L		05/23/23 05:49		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Methyl acetate	10	U	10	ug/L		05/23/23 05:49		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 05:49		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 05:49		1
Styrene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Toluene	1.0	U	1.0	ug/L		05/23/23 05:49		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 05:49		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 05:49		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 05:49		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 05:49		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 05:49		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-C_051123

Lab Sample ID: 240-185303-4

Matrix: Water

Date Collected: 05/11/23 10:25
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		78 - 122		05/23/23 05:49	1
Dibromofluoromethane (Surr)	95		73 - 120		05/23/23 05:49	1
4-Bromofluorobenzene (Surr)	81		56 - 136		05/23/23 05:49	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		05/23/23 05:49	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-A-051123

Lab Sample ID: 240-185303-5

Matrix: Water

Date Collected: 05/11/23 12:00

Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 06:12		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 06:12		1
2-Hexanone	10	U	10	ug/L		05/23/23 06:12		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 06:12		1
Acetone	10	U	10	ug/L		05/23/23 06:12		1
Benzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 06:12		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 06:12		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 06:12		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 06:12		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
cis-1,2-Dichloroethene	1.3		1.0	ug/L		05/23/23 06:12		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Methyl acetate	10	U	10	ug/L		05/23/23 06:12		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 06:12		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 06:12		1
Styrene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Toluene	1.0	U	1.0	ug/L		05/23/23 06:12		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:12		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 06:12		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 06:12		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 06:12		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 06:12		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-A-051123

Lab Sample ID: 240-185303-5

Matrix: Water

Date Collected: 05/11/23 12:00
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		78 - 122		05/23/23 06:12	1
Dibromofluoromethane (Surr)	103		73 - 120		05/23/23 06:12	1
4-Bromofluorobenzene (Surr)	89		56 - 136		05/23/23 06:12	1
1,2-Dichloroethane-d4 (Surr)	108		62 - 137		05/23/23 06:12	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-B_051123

Lab Sample ID: 240-185303-6

Matrix: Water

Date Collected: 05/11/23 12:55
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 06:35		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 06:35		1
2-Hexanone	10	U	10	ug/L		05/23/23 06:35		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 06:35		1
Acetone	10	U	10	ug/L		05/23/23 06:35		1
Benzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 06:35		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 06:35		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 06:35		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 06:35		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
cis-1,2-Dichloroethene	4.6		1.0	ug/L		05/23/23 06:35		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Methyl acetate	10	U	10	ug/L		05/23/23 06:35		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 06:35		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 06:35		1
Styrene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Toluene	1.0	U	1.0	ug/L		05/23/23 06:35		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:35		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 06:35		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 06:35		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 06:35		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 06:35		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-B_051123

Lab Sample ID: 240-185303-6

Matrix: Water

Date Collected: 05/11/23 12:55
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		78 - 122		05/23/23 06:35	1
Dibromofluoromethane (Surr)	99		73 - 120		05/23/23 06:35	1
4-Bromofluorobenzene (Surr)	86		56 - 136		05/23/23 06:35	1
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		05/23/23 06:35	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-C_051123

Lab Sample ID: 240-185303-7

Matrix: Water

Date Collected: 05/11/23 13:45
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 06:58		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 06:58		1
2-Hexanone	10	U	10	ug/L		05/23/23 06:58		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 06:58		1
Acetone	10	U	10	ug/L		05/23/23 06:58		1
Benzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 06:58		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 06:58		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 06:58		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 06:58		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
cis-1,2-Dichloroethene	2.7		1.0	ug/L		05/23/23 06:58		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Methyl acetate	10	U	10	ug/L		05/23/23 06:58		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 06:58		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 06:58		1
Styrene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Toluene	1.0	U	1.0	ug/L		05/23/23 06:58		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 06:58		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 06:58		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 06:58		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 06:58		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 06:58		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-C_051123

Lab Sample ID: 240-185303-7

Matrix: Water

Date Collected: 05/11/23 13:45
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		78 - 122		05/23/23 06:58	1
Dibromofluoromethane (Surr)	98		73 - 120		05/23/23 06:58	1
4-Bromofluorobenzene (Surr)	83		56 - 136		05/23/23 06:58	1
1,2-Dichloroethane-d4 (Surr)	105		62 - 137		05/23/23 06:58	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-D_051123

Lab Sample ID: 240-185303-8

Matrix: Water

Date Collected: 05/11/23 14:25
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,1-Dichloroethane	1.0		1.0	ug/L		05/23/23 07:21		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 07:21		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 07:21		1
2-Hexanone	10	U	10	ug/L		05/23/23 07:21		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 07:21		1
Acetone	10	U	10	ug/L		05/23/23 07:21		1
Benzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 07:21		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 07:21		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 07:21		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 07:21		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
cis-1,2-Dichloroethene	5.9		1.0	ug/L		05/23/23 07:21		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Methyl acetate	10	U	10	ug/L		05/23/23 07:21		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 07:21		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 07:21		1
Styrene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Toluene	1.0	U	1.0	ug/L		05/23/23 07:21		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 07:21		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 07:21		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 07:21		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 07:21		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 07:21		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-D_051123

Lab Sample ID: 240-185303-8

Matrix: Water

Date Collected: 05/11/23 14:25
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		05/23/23 07:21	1
Dibromofluoromethane (Surr)	96		73 - 120		05/23/23 07:21	1
4-Bromofluorobenzene (Surr)	78		56 - 136		05/23/23 07:21	1
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/23/23 07:21	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-E_051123

Lab Sample ID: 240-185303-9

Matrix: Water

Date Collected: 05/11/23 15:50
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,1-Dichloroethane	1.5		1.0	ug/L		05/23/23 07:44		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 07:44		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 07:44		1
2-Hexanone	10	U	10	ug/L		05/23/23 07:44		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 07:44		1
Acetone	10	U	10	ug/L		05/23/23 07:44		1
Benzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 07:44		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 07:44		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 07:44		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 07:44		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
cis-1,2-Dichloroethene	7.5		1.0	ug/L		05/23/23 07:44		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Methyl acetate	10	U	10	ug/L		05/23/23 07:44		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 07:44		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 07:44		1
Styrene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Toluene	1.0	U	1.0	ug/L		05/23/23 07:44		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 07:44		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 07:44		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 07:44		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 07:44		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 07:44		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-E_051123

Lab Sample ID: 240-185303-9

Matrix: Water

Date Collected: 05/11/23 15:50
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		78 - 122		05/23/23 07:44	1
Dibromofluoromethane (Surr)	98		73 - 120		05/23/23 07:44	1
4-Bromofluorobenzene (Surr)	83		56 - 136		05/23/23 07:44	1
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		05/23/23 07:44	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-F_051123

Lab Sample ID: 240-185303-10

Matrix: Water

Date Collected: 05/11/23 16:55
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 08:07		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 08:07		1
2-Hexanone	10	U	10	ug/L		05/23/23 08:07		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 08:07		1
Acetone	10	U	10	ug/L		05/23/23 08:07		1
Benzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 08:07		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 08:07		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 08:07		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 08:07		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 08:07		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Methyl acetate	10	U	10	ug/L		05/23/23 08:07		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 08:07		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 08:07		1
Styrene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Toluene	1.0	U	1.0	ug/L		05/23/23 08:07		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 08:07		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 08:07		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 08:07		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 08:07		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 08:07		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-F_051123

Lab Sample ID: 240-185303-10

Matrix: Water

Date Collected: 05/11/23 16:55
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		78 - 122		05/23/23 08:07	1
Dibromofluoromethane (Surr)	103		73 - 120		05/23/23 08:07	1
4-Bromofluorobenzene (Surr)	89		56 - 136		05/23/23 08:07	1
1,2-Dichloroethane-d4 (Surr)	112		62 - 137		05/23/23 08:07	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-22_051123
Date Collected: 05/11/23 18:15
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.4		2.5	ug/L			05/23/23 08:31	2.5
1,1,2,2-Tetrachloroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,1,2-Trichloroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,1-Dichloroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,1-Dichloroethene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,2,4-Trichlorobenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	ug/L			05/23/23 08:31	2.5
Ethylene Dibromide	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,2-Dichlorobenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,2-Dichloroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,2-Dichloropropane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,3-Dichlorobenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
1,4-Dichlorobenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
2-Butanone (MEK)	25	U	25	ug/L			05/23/23 08:31	2.5
2-Hexanone	25	U	25	ug/L			05/23/23 08:31	2.5
4-Methyl-2-pentanone (MIBK)	25	U	25	ug/L			05/23/23 08:31	2.5
Acetone	25	U	25	ug/L			05/23/23 08:31	2.5
Benzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Dichlorobromomethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Bromoform	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Bromomethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Carbon disulfide	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Carbon tetrachloride	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Chlorobenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Chloroethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Chloroform	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Chloromethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
cis-1,2-Dichloroethene	21		2.5	ug/L			05/23/23 08:31	2.5
cis-1,3-Dichloropropene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Cyclohexane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Chlorodibromomethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Dichlorodifluoromethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Ethylbenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Isopropylbenzene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Methyl acetate	25	U	25	ug/L			05/23/23 08:31	2.5
Methyl tert-butyl ether	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Methylcyclohexane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Methylene Chloride	13	U	13	ug/L			05/23/23 08:31	2.5
Styrene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Tetrachloroethene	4.5		2.5	ug/L			05/23/23 08:31	2.5
Toluene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
trans-1,2-Dichloroethene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
trans-1,3-Dichloropropene	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Trichloroethene	65		2.5	ug/L			05/23/23 08:31	2.5
Trichlorofluoromethane	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Vinyl chloride	2.5	U	2.5	ug/L			05/23/23 08:31	2.5
Xylenes, Total	5.0	U	5.0	ug/L			05/23/23 08:31	2.5

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-22_051123

Lab Sample ID: 240-185303-11

Matrix: Water

Date Collected: 05/11/23 18:15
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		78 - 122		05/23/23 08:31	2.5
Dibromofluoromethane (Surr)	100		73 - 120		05/23/23 08:31	2.5
4-Bromofluorobenzene (Surr)	85		56 - 136		05/23/23 08:31	2.5
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		05/23/23 08:31	2.5

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: EQUIPMENT BLANK

Date Collected: 05/11/23 18:30

Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 01:11		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 01:11		1
2-Hexanone	10	U	10	ug/L		05/23/23 01:11		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 01:11		1
Acetone	10	U	10	ug/L		05/23/23 01:11		1
Benzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 01:11		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 01:11		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 01:11		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 01:11		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:11		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Methyl acetate	10	U	10	ug/L		05/23/23 01:11		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 01:11		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 01:11		1
Styrene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Toluene	1.0	U	1.0	ug/L		05/23/23 01:11		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:11		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 01:11		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 01:11		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 01:11		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 01:11		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: EQUIPMENT BLANK

Date Collected: 05/11/23 18:30
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-12

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		78 - 122		05/23/23 01:11	1
Dibromofluoromethane (Surr)	98		73 - 120		05/23/23 01:11	1
4-Bromofluorobenzene (Surr)	84		56 - 136		05/23/23 01:11	1
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/23/23 01:11	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: FIELD BLANK_051123

Lab Sample ID: 240-185303-13

Matrix: Water

Date Collected: 05/11/23 18:45
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 01:34		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 01:34		1
2-Hexanone	10	U	10	ug/L		05/23/23 01:34		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 01:34		1
Acetone	10	U	10	ug/L		05/23/23 01:34		1
Benzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 01:34		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 01:34		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 01:34		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 01:34		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:34		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Methyl acetate	10	U	10	ug/L		05/23/23 01:34		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 01:34		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 01:34		1
Styrene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Toluene	1.0	U	1.0	ug/L		05/23/23 01:34		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:34		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 01:34		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 01:34		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 01:34		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 01:34		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: FIELD BLANK_051123

Lab Sample ID: 240-185303-13

Matrix: Water

Date Collected: 05/11/23 18:45
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		78 - 122		05/23/23 01:34	1
Dibromofluoromethane (Surr)	99		73 - 120		05/23/23 01:34	1
4-Bromofluorobenzene (Surr)	86		56 - 136		05/23/23 01:34	1
1,2-Dichloroethane-d4 (Surr)	109		62 - 137		05/23/23 01:34	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: TRIP BLANK
Date Collected: 05/11/23 00:00
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 01:57		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 01:57		1
2-Hexanone	10	U	10	ug/L		05/23/23 01:57		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 01:57		1
Acetone	10	U	10	ug/L		05/23/23 01:57		1
Benzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 01:57		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 01:57		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 01:57		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 01:57		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:57		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Methyl acetate	10	U	10	ug/L		05/23/23 01:57		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 01:57		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 01:57		1
Styrene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Toluene	1.0	U	1.0	ug/L		05/23/23 01:57		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 01:57		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 01:57		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 01:57		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 01:57		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 01:57		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: TRIP BLANK

Date Collected: 05/11/23 00:00
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-14

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		78 - 122		05/23/23 01:57	1
Dibromofluoromethane (Surr)	99		73 - 120		05/23/23 01:57	1
4-Bromofluorobenzene (Surr)	85		56 - 136		05/23/23 01:57	1
1,2-Dichloroethane-d4 (Surr)	105		62 - 137		05/23/23 01:57	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-16D2R1_051223

Lab Sample ID: 240-185303-15

Matrix: Water

Date Collected: 05/11/23 09:10
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,1-Dichloroethane	2.4		1.0	ug/L		05/23/23 08:54		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 08:54		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 08:54		1
2-Hexanone	10	U	10	ug/L		05/23/23 08:54		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 08:54		1
Acetone	10	U	10	ug/L		05/23/23 08:54		1
Benzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 08:54		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 08:54		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 08:54		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 08:54		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
cis-1,2-Dichloroethene	20		1.0	ug/L		05/23/23 08:54		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Methyl acetate	10	U	10	ug/L		05/23/23 08:54		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 08:54		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 08:54		1
Styrene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Toluene	1.0	U	1.0	ug/L		05/23/23 08:54		1
trans-1,2-Dichloroethene	1.2		1.0	ug/L		05/23/23 08:54		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 08:54		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 08:54		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 08:54		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 08:54		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-16D2R1_051223

Lab Sample ID: 240-185303-15

Matrix: Water

Date Collected: 05/11/23 09:10
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		78 - 122		05/23/23 08:54	1
Dibromofluoromethane (Surr)	95		73 - 120		05/23/23 08:54	1
4-Bromofluorobenzene (Surr)	78		56 - 136		05/23/23 08:54	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		05/23/23 08:54	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-16D2R2_051223

Lab Sample ID: 240-185303-16

Matrix: Water

Date Collected: 05/11/23 10:00

Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 09:17		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 09:17		1
2-Hexanone	10	U	10	ug/L		05/23/23 09:17		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 09:17		1
Acetone	10	U	10	ug/L		05/23/23 09:17		1
Benzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 09:17		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 09:17		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 09:17		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 09:17		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
cis-1,2-Dichloroethene	10		1.0	ug/L		05/23/23 09:17		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Methyl acetate	10	U	10	ug/L		05/23/23 09:17		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 09:17		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 09:17		1
Styrene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Toluene	1.0	U	1.0	ug/L		05/23/23 09:17		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 09:17		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 09:17		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 09:17		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 09:17		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 09:17		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-16D2R2_051223

Lab Sample ID: 240-185303-16

Matrix: Water

Date Collected: 05/11/23 10:00
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		78 - 122		05/23/23 09:17	1
Dibromofluoromethane (Surr)	98		73 - 120		05/23/23 09:17	1
4-Bromofluorobenzene (Surr)	84		56 - 136		05/23/23 09:17	1
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		05/23/23 09:17	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: TRIP BLANK_051223

Lab Sample ID: 240-185303-17

Matrix: Water

Date Collected: 05/11/23 00:00
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 02:20		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 02:20		1
2-Hexanone	10	U	10	ug/L		05/23/23 02:20		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 02:20		1
Acetone	10	U	10	ug/L		05/23/23 02:20		1
Benzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 02:20		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 02:20		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 02:20		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 02:20		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:20		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Methyl acetate	10	U	10	ug/L		05/23/23 02:20		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 02:20		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 02:20		1
Styrene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Toluene	1.0	U	1.0	ug/L		05/23/23 02:20		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:20		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 02:20		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 02:20		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 02:20		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 02:20		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: TRIP BLANK_051223

Lab Sample ID: 240-185303-17

Matrix: Water

Date Collected: 05/11/23 00:00
Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		05/23/23 02:20	1
Dibromofluoromethane (Surr)	95		73 - 120		05/23/23 02:20	1
4-Bromofluorobenzene (Surr)	81		56 - 136		05/23/23 02:20	1
1,2-Dichloroethane-d4 (Surr)	103		62 - 137		05/23/23 02:20	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: EQUIPMENT_BLANK_051223

Lab Sample ID: 240-185303-18

Matrix: Water

Date Collected: 05/11/23 10:15
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 02:44		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 02:44		1
2-Hexanone	10	U	10	ug/L		05/23/23 02:44		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 02:44		1
Acetone	10	U	10	ug/L		05/23/23 02:44		1
Benzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 02:44		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 02:44		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 02:44		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 02:44		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:44		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Methyl acetate	10	U	10	ug/L		05/23/23 02:44		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 02:44		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 02:44		1
Styrene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Toluene	1.0	U	1.0	ug/L		05/23/23 02:44		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 02:44		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 02:44		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 02:44		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 02:44		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 02:44		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC

Job ID: 240-185303-1

Project/Site: TRW Milford

Client Sample ID: EQUIPMENT_BLANK_051223

Lab Sample ID: 240-185303-18

Matrix: Water

Date Collected: 05/11/23 10:15

Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		78 - 122		05/23/23 02:44	1
Dibromofluoromethane (Surr)	99		73 - 120		05/23/23 02:44	1
4-Bromofluorobenzene (Surr)	87		56 - 136		05/23/23 02:44	1
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		05/23/23 02:44	1

Client Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: FIELD BLANK_051223

Lab Sample ID: 240-185303-19

Matrix: Water

Date Collected: 05/11/23 10:30
 Date Received: 05/13/23 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 03:07		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 03:07		1
2-Hexanone	10	U	10	ug/L		05/23/23 03:07		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 03:07		1
Acetone	10	U	10	ug/L		05/23/23 03:07		1
Benzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 03:07		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 03:07		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 03:07		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 03:07		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 03:07		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Methyl acetate	10	U	10	ug/L		05/23/23 03:07		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 03:07		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 03:07		1
Styrene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Toluene	1.0	U	1.0	ug/L		05/23/23 03:07		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 03:07		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 03:07		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 03:07		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 03:07		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 03:07		1

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Client Sample Results

Client: ZF Active Safety and Electronics LLC

Job ID: 240-185303-1

Project/Site: TRW Milford

Client Sample ID: FIELD BLANK_051223

Lab Sample ID: 240-185303-19

Matrix: Water

Date Collected: 05/11/23 10:30

Date Received: 05/13/23 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		78 - 122		05/23/23 03:07	1
Dibromofluoromethane (Surr)	100		73 - 120		05/23/23 03:07	1
4-Bromofluorobenzene (Surr)	84		56 - 136		05/23/23 03:07	1
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		05/23/23 03:07	1

Surrogate Summary

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (78-122)	DBFM (73-120)	BFB (56-136)	DCA (62-137)
240-185303-1	OW-09-ML-A_051123	94	96	81	101
240-185303-2	OW-09-ML-D_051123	102	103	91	110
240-185303-3	OW-09-ML-B_051123	93	97	82	102
240-185303-4	OW-09-ML-C_051123	96	95	81	100
240-185303-5	OW-18-ML-A_051123	104	103	89	108
240-185303-6	OW-18-ML-B_051123	96	99	86	107
240-185303-7	OW-18-ML-C_051123	98	98	83	105
240-185303-8	OW-18-ML-D_051123	95	96	78	102
240-185303-9	OW-18-ML-E_051123	96	98	83	104
240-185303-10	OW-18-ML-F_051123	103	103	89	112
240-185303-11	OW-22_051123	98	100	85	106
240-185303-12	EQUIPMENT BLANK	96	98	84	102
240-185303-13	FIELD BLANK_051123	98	99	86	109
240-185303-14	TRIP BLANK	97	99	85	105
240-185303-15	OW-16D2R1_051223	92	95	78	100
240-185303-16	OW-16D2R2_051223	97	98	84	107
240-185303-17	TRIP BLANK_051223	95	95	81	103
240-185303-18	EQUIPMENT BLANK_051223	99	99	87	106
240-185303-19	FIELD BLANK_051223	97	100	84	106
LCS 240-574352/4	Lab Control Sample	99	91	95	97
MB 240-574352/8	Method Blank	95	98	83	101

Surrogate Legend

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

QC Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-574352/8

Matrix: Water

Analysis Batch: 574352

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,1,2-Trichloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,1-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,1-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	ug/L		05/23/23 00:48		1
Ethylene Dibromide	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,2-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,2-Dichloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,2-Dichloropropane	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,3-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
1,4-Dichlorobenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
2-Butanone (MEK)	10	U	10	ug/L		05/23/23 00:48		1
2-Hexanone	10	U	10	ug/L		05/23/23 00:48		1
4-Methyl-2-pentanone (MIBK)	10	U	10	ug/L		05/23/23 00:48		1
Acetone	10	U	10	ug/L		05/23/23 00:48		1
Benzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Dichlorobromomethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Bromoform	1.0	U	1.0	ug/L		05/23/23 00:48		1
Bromomethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Carbon disulfide	1.0	U	1.0	ug/L		05/23/23 00:48		1
Carbon tetrachloride	1.0	U	1.0	ug/L		05/23/23 00:48		1
Chlorobenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Chloroethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Chloroform	1.0	U	1.0	ug/L		05/23/23 00:48		1
Chloromethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 00:48		1
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Cyclohexane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Chlorodibromomethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Dichlorodifluoromethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Ethylbenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Isopropylbenzene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Methyl acetate	10	U	10	ug/L		05/23/23 00:48		1
Methyl tert-butyl ether	1.0	U	1.0	ug/L		05/23/23 00:48		1
Methylcyclohexane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Methylene Chloride	5.0	U	5.0	ug/L		05/23/23 00:48		1
Styrene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Tetrachloroethene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Toluene	1.0	U	1.0	ug/L		05/23/23 00:48		1
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L		05/23/23 00:48		1
trans-1,3-Dichloropropene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Trichloroethene	1.0	U	1.0	ug/L		05/23/23 00:48		1
Trichlorofluoromethane	1.0	U	1.0	ug/L		05/23/23 00:48		1
Vinyl chloride	1.0	U	1.0	ug/L		05/23/23 00:48		1
Xylenes, Total	2.0	U	2.0	ug/L		05/23/23 00:48		1

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QC Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

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

Lab Sample ID: MB 240-574352/8

Matrix: Water

Analysis Batch: 574352

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

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)		95			78 - 122		05/23/23 00:48	1
Dibromofluoromethane (Surr)		98			73 - 120		05/23/23 00:48	1
4-Bromofluorobenzene (Surr)		83			56 - 136		05/23/23 00:48	1
1,2-Dichloroethane-d4 (Surr)		101			62 - 137		05/23/23 00:48	1

Lab Sample ID: LCS 240-574352/4

Matrix: Water

Analysis Batch: 574352

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

Analyte	Spike Added	LC S	LC S	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
1,1,1-Trichloroethane	20.0	15.9		ug/L		80	64 - 131	
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	58 - 157	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.5		ug/L		67	51 - 146	
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	70 - 138	
1,1-Dichloroethane	20.0	19.0		ug/L		95	72 - 127	
1,1-Dichloroethene	20.0	16.4		ug/L		82	63 - 134	
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		94	44 - 147	
1,2-Dibromo-3-Chloropropane	20.0	18.0		ug/L		90	53 - 135	
Ethylene Dibromide	20.0	19.4		ug/L		97	71 - 134	
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	78 - 120	
1,2-Dichloroethane	20.0	19.5		ug/L		98	66 - 128	
1,2-Dichloropropane	20.0	20.2		ug/L		101	75 - 133	
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120	
1,4-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120	
2-Butanone (MEK)	40.0	42.2		ug/L		105	54 - 156	
2-Hexanone	40.0	44.0		ug/L		110	43 - 167	
4-Methyl-2-pentanone (MIBK)	40.0	42.2		ug/L		106	46 - 158	
Acetone	40.0	55.1		ug/L		138	50 - 149	
Benzene	20.0	19.9		ug/L		100	77 - 123	
Dichlorobromomethane	20.0	18.3		ug/L		91	69 - 126	
Bromoform	20.0	17.7		ug/L		89	57 - 129	
Bromomethane	20.0	16.7		ug/L		84	36 - 142	
Carbon disulfide	20.0	16.5		ug/L		82	43 - 140	
Carbon tetrachloride	20.0	14.5		ug/L		73	55 - 137	
Chlorobenzene	20.0	18.8		ug/L		94	80 - 121	
Chloroethane	20.0	19.0		ug/L		95	38 - 152	
Chloroform	20.0	19.0		ug/L		95	74 - 122	
Chloromethane	20.0	21.3		ug/L		107	47 - 143	
cis-1,2-Dichloroethene	20.0	18.9		ug/L		94	77 - 123	
cis-1,3-Dichloropropene	20.0	18.1		ug/L		90	64 - 130	
Cyclohexane	20.0	14.4		ug/L		72	58 - 146	
Chlorodibromomethane	20.0	18.3		ug/L		91	70 - 124	
Dichlorodifluoromethane	20.0	13.2		ug/L		66	34 - 153	
Ethylbenzene	20.0	18.2		ug/L		91	80 - 121	
Isopropylbenzene	20.0	17.8		ug/L		89	74 - 128	
Methyl acetate	40.0	39.0		ug/L		97	42 - 169	
Methyl tert-butyl ether	20.0	18.6		ug/L		93	65 - 126	
Methylcyclohexane	20.0	13.5		ug/L		68	62 - 136	

Eurofins Cleveland

QC Sample Results

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

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

Lab Sample ID: LCS 240-574352/4

Matrix: Water

Analysis Batch: 574352

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Methylene Chloride	20.0	18.8		ug/L	94	71 - 125	
Styrene	20.0	18.4		ug/L	92	80 - 135	
Tetrachloroethene	20.0	17.3		ug/L	86	76 - 123	
Toluene	20.0	18.7		ug/L	93	80 - 123	
trans-1,2-Dichloroethene	20.0	16.8		ug/L	84	75 - 124	
trans-1,3-Dichloropropene	20.0	18.8		ug/L	94	57 - 129	
Trichloroethene	20.0	18.9		ug/L	95	70 - 122	
Trichlorofluoromethane	20.0	16.4		ug/L	82	30 - 170	
Vinyl chloride	20.0	19.0		ug/L	95	60 - 144	
Xylenes, Total	40.0	37.3		ug/L	93	80 - 121	
m-Xylene & p-Xylene	20.0	18.5		ug/L	93	80 - 120	
o-Xylene	20.0	18.8		ug/L	94	80 - 123	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		78 - 122
Dibromofluoromethane (Surr)	91		73 - 120
4-Bromofluorobenzene (Surr)	95		56 - 136
1,2-Dichloroethane-d4 (Surr)	97		62 - 137

Eurofins Cleveland

QC Association Summary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

GC/MS VOA

Analysis Batch: 574352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-185303-1	OW-09-ML-A_051123	Total/NA	Water	8260D	1
240-185303-2	OW-09-ML-D_051123	Total/NA	Water	8260D	2
240-185303-3	OW-09-ML-B_051123	Total/NA	Water	8260D	3
240-185303-4	OW-09-ML-C_051123	Total/NA	Water	8260D	4
240-185303-5	OW-18-ML-A_051123	Total/NA	Water	8260D	5
240-185303-6	OW-18-ML-B_051123	Total/NA	Water	8260D	6
240-185303-7	OW-18-ML-C_051123	Total/NA	Water	8260D	7
240-185303-8	OW-18-ML-D_051123	Total/NA	Water	8260D	8
240-185303-9	OW-18-ML-E_051123	Total/NA	Water	8260D	9
240-185303-10	OW-18-ML-F_051123	Total/NA	Water	8260D	10
240-185303-11	OW-22_051123	Total/NA	Water	8260D	11
240-185303-12	EQUIPMENT BLANK	Total/NA	Water	8260D	12
240-185303-13	FIELD BLANK_051123	Total/NA	Water	8260D	13
240-185303-14	TRIP BLANK	Total/NA	Water	8260D	14
240-185303-15	OW-16D2R1_051223	Total/NA	Water	8260D	1
240-185303-16	OW-16D2R2_051223	Total/NA	Water	8260D	2
240-185303-17	TRIP BLANK_051223	Total/NA	Water	8260D	3
240-185303-18	EQUIPMENT BLANK_051223	Total/NA	Water	8260D	4
240-185303-19	FIELD BLANK_051223	Total/NA	Water	8260D	5
MB 240-574352/8	Method Blank	Total/NA	Water	8260D	6
LCS 240-574352/4	Lab Control Sample	Total/NA	Water	8260D	7

Eurofins Cleveland

Lab Chronicle

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-09-ML-A_051123
Date Collected: 05/11/23 07:45
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 04:39

Client Sample ID: OW-09-ML-D_051123
Date Collected: 05/11/23 08:40
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 05:03

Client Sample ID: OW-09-ML-B_051123
Date Collected: 05/11/23 09:30
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 05:26

Client Sample ID: OW-09-ML-C_051123
Date Collected: 05/11/23 10:25
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 05:49

Client Sample ID: OW-18-ML-A-051123
Date Collected: 05/11/23 12:00
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 06:12

Client Sample ID: OW-18-ML-B_051123
Date Collected: 05/11/23 12:55
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 06:35

Client Sample ID: OW-18-ML-C_051123
Date Collected: 05/11/23 13:45
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 06:58

Eurofins Cleveland

Lab Chronicle

Client: ZF Active Safety and Electronics LLC
 Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-18-ML-D_051123
Date Collected: 05/11/23 14:25
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 07:21

Client Sample ID: OW-18-ML-E_051123
Date Collected: 05/11/23 15:50
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 07:44

Client Sample ID: OW-18-ML-F_051123
Date Collected: 05/11/23 16:55
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 08:07

Client Sample ID: OW-22_051123
Date Collected: 05/11/23 18:15
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2.5	574352	AJS	EET CLE	05/23/23 08:31

Client Sample ID: EQUIPMENT BLANK
Date Collected: 05/11/23 18:30
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 01:11

Client Sample ID: FIELD BLANK_051123
Date Collected: 05/11/23 18:45
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 01:34

Client Sample ID: TRIP BLANK
Date Collected: 05/11/23 00:00
Date Received: 05/13/23 08:00

Lab Sample ID: 240-185303-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 01:57

Eurofins Cleveland

Lab Chronicle

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Client Sample ID: OW-16D2R1_051223

Lab Sample ID: 240-185303-15

Matrix: Water

Date Collected: 05/11/23 09:10
Date Received: 05/13/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 08:54

Client Sample ID: OW-16D2R2_051223

Lab Sample ID: 240-185303-16

Matrix: Water

Date Collected: 05/11/23 10:00
Date Received: 05/13/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 09:17

Client Sample ID: TRIP BLANK_051223

Lab Sample ID: 240-185303-17

Matrix: Water

Date Collected: 05/11/23 00:00
Date Received: 05/13/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 02:20

Client Sample ID: EQUIPMENT BLANK_051223

Lab Sample ID: 240-185303-18

Matrix: Water

Date Collected: 05/11/23 10:15
Date Received: 05/13/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 02:44

Client Sample ID: FIELD BLANK_051223

Lab Sample ID: 240-185303-19

Matrix: Water

Date Collected: 05/11/23 10:30
Date Received: 05/13/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574352	AJS	EET CLE	05/23/23 03:07

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Eurofins Cleveland

Accreditation/Certification Summary

Client: ZF Active Safety and Electronics LLC
Project/Site: TRW Milford

Job ID: 240-185303-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-24
Connecticut	State	PH-0590	06-29-23
Florida	NELAP	E87225	06-30-23
Georgia	State	4062	02-28-24
Illinois	NELAP	200004	07-31-23
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-28-24
Kentucky (WW)	State	KY98016	12-31-23
Michigan	State	9135	02-27-24
Minnesota	NELAP	039-999-348	12-31-23
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-23
New York	NELAP	10975	04-01-24
Ohio	State	8303	02-27-24
Ohio VAP	State	ORELAP 4062	02-27-24
Oregon	NELAP	4062	02-28-24
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-23
Virginia	NELAP	460175	09-14-23
West Virginia DEP	State	210	12-31-23

Eurofins Cleveland

MICHIGAN
190

0-2 | 0-2

STL North Canton 4101 Shufel Drive NW North Canton, OH 44720 Attn: Michael DelMonico		 Chain Of Custody / Analysis Request										LAB USE ONLY Laboratory ID No. (Lot No.)			
Project Type:	Groundwater Sampling - IZ		Privileged & Confidential		Yes		Site Name:		Milford						
TRW PM: (name, company, address, e-mail)		TRW PO No.		30172271 0001Z		Site Location:		Milford, Michigan							
Bob Bleazard 11202 East Germann Road Mesa, AZ 85212 bob.bleazard@trw.com		Database Manager: (name, company, address, E-mail)		Christina Weaver 28550 Cabot Drive, Suite 500 Novi, MI 48377 Christina.Weaver@arcadis.com											
Analysis Level		Level 1 (Routine Report)		Sampler		FILIPAK, S		Preservatives Code (see below)							
TAT		10 Business Days (Standard - Level 1)		Deliverable		EDD/PDF (e-mail)									
Sample Identification and Information															
Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	No. of Cont.	Grab or Composite	Field Filtered	Notes			
1 OW-22D	--	--	OW-22D			GW	WATER	REG	3	G	X				
2 OW-28	--	--	OW-28			GW	WATER	REG	3	G	X				
3 OW-18D	--	--	OW-18D			GW	WATER	REG	3	G	X				
4 OW-09-ML-A	--	--	OW-09-ML-A	03/12/23	0745	GW	WATER	REG	3	G	X				
5 OW-09-ML-D	--	--	OW-09-ML-D	03/12/23	0840	GW	WATER	REG	3	G	X				
6 OW-09-ML-B	--	--	OW-09-ML-B	03/12/23	0930	GW	WATER	REG	3	G	X				
7 OW-09-ML-C	--	--	OW-09-ML-C	03/12/23	1025	GW	WATER	REG	3	G	X				
8 OW-18-ML-A	--	--	OW-18-ML-A	03/12/23	1200	GW	WATER	REG	3	G	X				
9 OW-18-ML-B	--	--	OW-18-ML-B	03/12/23	1255	GW	WATER	REG	3	G	X				
10 OW-18-ML-C	--	--	OW-18-ML-C	03/12/23	1345	GW	WATER	REG	3	G	X				
11 OW-18-ML-D	--	--	OW-18-ML-D	03/12/23	1445	GW	WATER	REG	3	G	X				
Special Instructions:															
Relinquished by <i>Leah T. Hae</i>		Company <i>Arcaid</i>		Received by <i>Jen Hae</i>		Company <i>EETA</i>		Condition		Custody Seals Intact					
Date/Time 5/12/23 1157						Date/Time 5/12/23 1157		Cooler Temp							
Relinquished by <i>Jen Hae</i>		Company <i>EETA</i>		Received by <i>Leah M. Smith</i>		Company <i>EETAC</i>		Condition		Custody Seals Intact					
Date/Time 5/12/23 1157						Date/Time 05-13-23 800		Cooler Temp							
Relinquished by		Company		Received by		Company		Condition		Custody Seals Intact					
Date/Time						Date/Time									
Relinquished by		Company		Received by		Company		Condition		Custody Seals Intact					
Date/Time						Date/Time									
Preservatives Code: 0 = None; 1 = HCl; 2 = HNO3; 3 = H2SO4; 4 = NaOH; 5 = Zn. Acetate; 6 = MeOH; 7 = NaHSO4; 8 = Other (specify):															



11202 East Germann Road
Mesa, AZ 85212
bob.bleazard@bw.com

28550 Cabot Drive, Suite 500
Novi, MI 48377
Christina Weaver@arcadis.com

Analysis Level	Level 1 (Routine Report)	Sampler	FILIPIAK, S
TAT	10 Business Days (Standard - Level 1)	Deliverable	EDD/PDF (e-mail)

Sample Identification and Information

Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	No. of Cont.	Grab or Composite	Field Filtered	VOC/Solid
										G		
1 OW-18-ML-E	--	--	OW-18-ML-E_051123	5/11/23	1550	GW	WATER	REG	3	G	X	
2 OW-18-ML-F	--	--	OW-18-ML-F_051123	5/11/23	1655	GW	WATER	REG	3	G	X	
3 OW-02D2	--	--	OW-02D2			GW	WATER	REG	3	G	X	
4 OW-22	--	--	OW-22_051123	5/11/23	1815	GW	WATER	REG	3	G	X	
5 OW-07D	--	--	OW-07D			GW	WATER	REG	3	G	X	
6 DUP-01	--	--	DUP-01		--	GW	WATER	REG	3	G	X	
7 DUP-02	--	--	DUP-02		--	GW	WATER	REG	3	G	X	
8 EQUIPMENT BLANK	--	--	EQUIPMENT BLANK	5/11/23	1830	QC	WATER	REG	3	G	X	
9 FIELD BLANK	--	--	FIELD_BLANK_051123	5/11/23	1845	QC	WATER	REG	3	G	X	
10 TRIP BLANK	--	--	TRIP BLANK	--	--	QC	WATER	REG	1	G	X	
11												

Special Instructions

Relinquished by	Company	Received by	Company	Condition
	Arcadis		EETA	
	Date/Time 5/12/23 1154		Date/Time 5/12/23 1154	Cooler Temp
Relinquished by	Company	Received by	Company	Condition
	EETA		EETINC	
	Date/Time 5/12/23 1157		Date/Time 05-13-23 800	Cooler Temp
Relinquished by	Company	Received by	Company	Condition
	Date/Time			
Relinquished by	Company	Received by	Company	Condition
	Date/Time			

Preservatives Code: 0 = None; 1 = HCl; 2 = HNO3; 3 = H2SO4; 4 = NaOH; 5 = Zn Acetate; 6 = MeOH; 7 = NaHSO4; 8 = Other (specify)

11202 East German Road

Mesa, AZ 85212

bob.bleazard@irw.com

28550 Cubit Drive, Suite 500

Novi, MI 48377

Christina Weaver@arcadis.com

Analysis Level

Level 1 (Routine Report)

Sampler

TAT

10 Business Days (Standard - Level 1)

Deliverable

EDD/PDF (e-mail)

Sample Identification and Information

	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	No. of Cont.	Grab or Composite	Field Filtered	VOCs & 2600D
1	OW-16D2R1	--	--	OW-16D2R1_051223	09:30		GW	WATER	REG	3	G	X	
2	OW-16D2R2	--	--	OW-16D2R2_051223	10:00		GW	WATER	REG	3	G	X	
3	TRIP BLANK	--	--	TRIP_BLANK_051223	—		QC	WATER	REG	1	G	X	
4	EQUIPMENT_BLANK	--	--	EQUIPMENT_BLANK_051223	10:15		QC	WATER	REG	3	G	X	
5	FIELD_BLANK	--	--	FIELD_BLANK_051223	10:30		QC	WATER	REG	3	G	X	
6													
7													
8													
9													
10													
11													

Special Instructions

Relinquished by 	Company Arcadis	Date/Time 5-12-23 1154	Received by 	Company ETIA	Date/Time 5/12/23 1159	Condition Cooler Temp
Relinquished by 	Company ETIA	Date/Time 5/12/23 1159	Received by 	Company ETI/NCL	Date/Time 05-13-23 800	Condition Cooler Temp
Relinquished by	Company	Date/Time	Received by	Company	Date/Time	Condition
Relinquished by	Company	Date/Time	Received by	Company	Date/Time	Cooler Temp

Preservatives Code: 0 = None; 1 = HCl; 2 = HNO3; 3 = H2SO4; 4 = NaOH; 5 = Zn. Acetate; 6 = MeOH; 7 = NaHSO4; 8 = Other (specify):

Eurofins - Canton Sample Receipt Form/Narrative
Barberton Facility

Login # : 185303

Client TRW

Site Name _____

Cooler unpacked by:

Leah M. Smith

Cooler Received on 05-13-23

Opened on 05-13-23

FedEx: 1st Grd Exp UPS FAS Clipper

Client Drop Off

Eurofins Courier

Other

Receipt After-hours: Drop-off Date/Time

Storage Location

Eurofins Cooler # EC

Foam Box

Client Cooler

Box

Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

See Multiple Cooler Form

IR GUN # 22 (CF +0.0 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.2 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____

Yes No

Yes No NA

Yes No

Yes No NA

Yes No

</

ARCADIS
Water Sampling Log

Project	TRW Milford	Project No.	30172271	Page	1 of 2
Site Location	Milford, Michigan			Date	5-12-23
Site/Well No.	OW-16D2R1	Replicate No.	—	Code No.	
Weather	Sunny 60's	Sampling Time	Begin 0835 End 0910		

Evacuation Data		Field Parameters	
Measuring Point	Top of Casing	Temperature (°C)	14.7
MP Elevation (ft)	—	SpC (mS/cm)	0.10
Land Surface Elevation (ft)	—	CND (mS/cm)	—
Sounded Well Depth (ft bmp)	90.25	Dissolved Oxygen (%)	—
Depth to Water (ft bmp)	1.97	Dissolved Oxygen (mg/L)	1.42
Water-Level Elevation (ft)	—	pH (s.u.)	7.56
Water Column in Well (ft)	88.28	ORP (mV)	-89.1
Casing Diameter/Type	2" PVC	Turbidity (NTU)	3.09
Gallons in Well	14.4	Color	NONE
Gallons Pumped/Bailed Prior to Sampling	1.75	Odor	NONE
Sample Pump Intake Setting (ft bmp)	87.75	Appearance	CLEAR
Purge Time	begin 0830 end 0910	Sampling Method	Low Flow
Pumping Rate (ml/min)	200	Remarks	
Evacuation Method	Low - Flow		
Constituents Sampled	Container Description	Number	Preservative
VOCs	40 mL VOA	3	HCL
Sampling Personnel			

Well Casing Volumes							
Gal./Ft.	0.5" = 0.01	1-1/4" = 0.06	Z" = 0.16	3" = 0.37	4" = 0.65		
	1" = 0.04	1-1/2" = 0.09	2-1/4" = 0.26	3-1/2" = 0.50	5" = 1.47		
bmp	Below measuring point	mL	Milliliter	NTU	Nephelometric turbidity units		
°C	Degrees Celsius	mS/cm	Millisiemens per centimeter	PVC	Polyvinyl chloride		
ft	Feet	msl	Mean sea level	s.u.	Standard units		
gpm	Gallons per minute	N/A	Not applicable	umhos/cm	Micromhos per centimeter		
mg/L	Milligrams per liter	NR	Not recorded	VOC	Volatile organic compounds		

ARCADIS

YSI/LOW FLOW SAMPLING LOG

PAGE 2 OF 2

WELL: OW-14B²R1

PROJ #: 30172271.000IZ - TRW Milford

DATE : 5-12-23

LOC: _____

ARCADIS
Water Sampling Log

Project	TRW Milford	Project No.	30172271	Page	1 of 2
Site Location	Milford, Michigan			Date	5-12-23
Site/Well No	GW-14022	Replicate No.	—	Code No.	
Weather	SUNNY 60's	Sampling Time	Begin 0955	End	1000

Evacuation Data		Field Parameters	
Measuring Point	Top of Casing	Temperature (°C)	14.2
MP Elevation (ft)	—	SpC (mS/cm)	1.15
Land Surface Elevation (ft)	—	CND (mS/cm)	—
Sounded Well Depth (ft bmp)	100.40	Dissolved Oxygen (%)	—
Depth to Water (ft bmp)	0.75	Dissolved Oxygen (mg/L)	0.18
Water-Level Elevation (ft)	—	pH (s.u.)	7.52
Water Column in Well (ft)	99.65	ORP (mV)	-130
Casing Diameter/Type	2" PVC	Turbidity (NTU)	2.37
Gallons in Well	16.3	Color	WATER
Gallons Pumped/Bailed Prior to Sampling		Odor	none
Sample Pump Intake Setting (ft bmp)	98.0	Appearance	clear
Purge Time	begin 0920 end 0955	Sampling Method	low flow
Pumping Rate (ml/min)	200	Remarks	
Evacuation Method	Low - Flow		

Constituents Sampled	Container Description	Number	Preservative
VOCs	40 mL VOA	3	HCL

Sampling Personnel

Well Casing Volumes					
Gal/Ft.	0.5" = 0.01	1-1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1" = 0.04	1-1/2" = 0.09	2-1/2" = 0.26	3-1/2" = 0.50	6" = 1.47
bmp	Below measuring point	mL	Milliliter	NTU	Nephelometric turbidity units
°C	Degrees Celsius	mS/cm	Millisiemens per centimeter	PVC	Polyvinyl chloride
ft	Feet	msl	Mean sea level	s.u.	Standard units
gpm	Gallons per minute	N/A	Not applicable	umhos/cm	Micromhos per centimeter
mg/L	Milligrams per liter	NR	Not recorded	VOC	Volatile organic compounds

ARCADIS

YSI/LOW FLOW SAMPLING LOG

PAGE 2 OF 2

WELL : 08 - 16D2R2Z PROJ # : 30172271.0001Z - TRW Milford

DATE : 5-12-23 LOC: _____

ATTACHMENT 2

Third Modification of the Administrative Order, Effective May 19, 2023

Third Modification of the
Administrative Order for Response Activity
Former Kelsey-Hayes Company
101 Oak Street, Milford, Oakland County, Michigan
EGLE Docket No. AO-RRD-22-001

WHEREAS, on April 20, 2023, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) issued the Second Modification of the Administrative Order for Response Activity, AO-RRD-22-001 (Order), that required Respondent to remove monitoring well OW-16D2 from the ground and provide documentation of the conditions of OW-16D2 to EGLE by May 20, 2023; and

WHEREAS, on May 8, 2023, Respondent provided a Work Plan to EGLE for the removal of OW-16D2 from the ground; and

WHEREAS, within the Work Plan, Respondent's Consultant indicated several complicating factors associated with the removal of OW-16D2 including its age and materials, site access, and the availability of the drilling company subcontractor that is to perform the removal; and

WHEREAS, within the Work Plan, Respondent requested a twenty (20) day extension for the requirement to remove and document the conditions of monitoring well OW-16D2; and

WHEREAS, the EGLE Remediation and Redevelopment Division (RRD) Director is authorized to modify any required response activities pursuant to Section XIII of the Order;

NOW, THEREFORE, in consideration of the complicating factors associated with the removal of OW-16D2, the following modification to the Order shall take effect upon the date of the EGLE RRD Director's signature:

Paragraph 5.3 of the Order is modified as follows:

5.3 Increase monitoring well sampling frequency. Beginning fifteen (15) days after the effective date of the Second Modification to the Order, and continuing monthly until this Order is terminated, Respondent shall sample monitoring wells OW-16D2R1 and OW-16D2R2. Collected samples shall be analyzed for VOCs with results reported to EGLE in the progress reports pursuant to Section XII. No later than June 19, 2023, Respondent shall remove monitoring well OW-16D2 from the ground, in accordance with the American Society for Testing and Materials Standard ASTM D5299/D5299M-18 and provide to EGLE written and photographed documentation of the steps that were taken to remove the monitoring well and the condition of the monitoring well (whether fouling is present, the extent of fouling, the condition of the casing, and any other notable concerns).

All other aspects of the Order as originally issued on March 16, 2022, and as modified on September 16, 2022, and April 20, 2023, remain in full force and effect.

This modification became effective on May 19, 2023.



Mike Neller, Director
Remediation and Redevelopment Division
Michigan Department of Environment, Great Lakes,
and Energy

May 19, 2023

Date

Approved as to form:

/s/ *Danielle Allison-Yokom*

May 19, 2023

Danielle Allison-Yokom
Assistant Attorney General
Environment, Natural Resources, and Agriculture Division
Michigan Department of Attorney General

Date

ATTACHMENT 3

Oakland County Permit to Plug Compromised Observation Well OW-16D2



OAKLAND COUNTY EXECUTIVE DAVID COULTER

HEALTH DIVISION

Leigh-Anne Stafford, Health Officer
(248) 858-1280 | health@oakgov.com

PERMIT TO PLUG AN ABANDONED WELL

PERMIT #: EHW-2023-00296

Issue Date: 05/22/2023

APPLICATION RECEIPT DATE: 05/17/2023

PARCEL ID #: 1610279011

PROPERTY ADDRESS: 159 N MAIN ST
MILFORD, MI 48381

WELL INFORMATION: Type of Well: Well Abandonment

OWNER:

Name: VILLAGE OF MILFORD
Address: 1100 ATLANTIC ST
MILFORD, MI 48381

Phone:

APPLICANT:

Name: ZF ACTIVE SAFETY
Address: 12001 TECH CENTER DR
LIVONIA, NC 48150

Phone: 810-577-2665

PERMIT APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

Special Conditions:

Well shall be abandoned by a registered well drilling contractor.

OTHER PERMIT CONDITIONS:

- If applicable, proper abandonment of a flowing well shall stop the flow by plugging the well with neat cement or concrete grout.
- Well log and/or abandonment records must be submitted within 60 days of well completion and/or plugging activity.
- Well plugging activity must comply with Michigan Water Well Construction and Pump Installation Code, Part 127, Act 368 of the Public Acts of 1978 as amended, and rules, and Act 399 of 1976 as amended and administrative rules.
- Act 53, P.A. 1974 requires the applicant to notify the public utilities prior to excavation. In addition, you must call 1-800-MISS DIG to locate public underground utilities.

THIS PERMIT IS VOID AFTER TWO (2) YEARS FROM DATE OF ISSUE

Sanitarian: Kristen Neubecker

Supervisor: Joseph Kaighen

SEE NEXT SECTION FOR OTHER CONDITIONS

Disclaimer : The Oakland County Health Division will not deny participation in its programs based on race, sex, religion, national origin, age or disability. State and federal eligibility requirements apply for certain programs.

Page 1 of 1

North Oakland Health Center | 1200 N. Telegraph Road 34E | Pontiac, MI 48341-0432 | (248) 858-1280 | oakgov.com/health

South Oakland Health Center | 27725 Greenfield Road | Southfield, MI 48076-3663 | (248) 424-7000 | oakgov.com/health

16-10-279-011

Legend

Well - Site

○ Existing Well

OC Water Area (EH)

■ LakePond

■ StreamRiver

■ OC Tax Parcel

■ OC FEMA Floodplains (EH)

● OC Underground Storage Tank (UST)

● OC Leaking Underground Storage Tank (LJUST)

◆ OC Part 201 Site (EH)



0 0.02 0.04 mi

Oakland County Health Division
Oakland County, MI
5/18/2023, 10:48:51 AM



ATTACHMENT 4

**Summary Table of Analytical Results of Samples and Field Parameters
(Observation Wells OW-16D2R1 and OW-16D2R2)**

Table 1
Observation Wells OW-16D2R1 and OW-16D2R2
Groundwater Analytical Results and Field Parameters
Former Kelsey-Hayes Milford Plant



Sample Identification:	OW-16D2R1															OW-16D2R2															Residential Drinking Water Criteria
Sample Collection Date:	6/8/2022	7/11/2022	8/8/2022	9/8/2022	10/3/2022	11/3/2022	12/7/2022	1/10/2023	1/26/2023	2/7/2023	3/21/2023	4/12/2023	5/12/2023	8/8/2022	9/8/2022	10/3/2022	11/3/2022	12/7/2022	1/10/2023	1/26/2023	2/7/2023	3/21/2023	4/12/2023	5/12/2023							
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0 (A)				
Trichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0 (A)				
cis-1,2-Dichloroethene	21	20	20	22	19	17	19	23	19	21	20	19	20	11	12	10	8.3	9.2	11	8.8	9.5	9.4	9.2	10	70 (A)						
trans-1,2-Dichloroethene	1.1	1.2	1.3	1.4	1.1	1.0	1.2	1.4	1.2	1.3	1.2	1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	100 (A)				
1,1-Dichloroethane	2.5	2.2	2.2	2.5	2.1	1.9	2.1	2.3	1.9	2.3	2.1	2.3	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	880				
Vinyl chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0 (A)					
Field Parameters																															
Drawdown (feet)	0.21	0.87	0.02	0.89	-0.19	-0.08	-0.06	0.01	0	0.01	0.4	0	0.04	1.11	0.84	0.16	0.01	0.01	0.26	0.08	0.02	0.13	0.95	0.15	-	-					
Total Elapsed Minutes	54	41	27	29	27	24	40	40	35	35	35	35	35	57	28	29	21	35	35	35	40	40	40	35	-	-	-				
Rate (mL/min)	125	100	125	100	115	125	200	200	200	200	200	200	200	100	125	125	200	200	200	200	200	200	200	200	200	-	-				
First Depth to Water (feet)	1.2	2.18	2.61	2.2	1.98	1.67	1.82	1.55	1.67	2.15	1.20	0.71	1.97	1.14	1.76	1.43	1.22	1.42	1.75	2.4	0.68	2.12	0.25	0.75	-	-					
Final Depth to Water (feet)	1.41	3.05	2.63	3.09	1.79	1.59	1.76	1.56	1.67	2.16	1.60	0.71	2.01	2.25	2.6	1.59	1.23	1.43	2.01	2.48	0.70	2.25	1.20	0.90	-	-					
pH (standard units)	7.25	7.3	7.31	7.16	7.34	7.14	7.24	7.16	7.55	7.45	7.02	7.26	7.56	7.43	7.24	7.47	7.24	7.4	7.29	7.68	7.56	7.16	7.42	7.52	-	-					
Conductivity (millisiemens per centimeter)	1.047	1.08	1.12	1.12	1.08	1.07	1.05	1.08	1.11	1.09	1.08	1.07	0.01	1.09	1.1	1.08	1.13	1.13	1.18	1.23	1.18	1.19	1.15	1.15	-	-					
Turbidity (Nephelometric Turbidity Unit)	0.02	0.78	0.02	0.02	0.02	0.02	2.29	2.35	2.76	2.01	1.43	2.77	3.09	129	1.96	0.52	0.02	2.67	2.76	2.56	2.53	2.59	3.08	2.37	-	-					
Dissolved Oxygen (milligrams per liter)	0.17	0.15	0.17	0.17	0.05	0.13	0.18	0.19	0.19	0.3	0.19	0.31	1.42	0.11	0.21	0.04	0.11	0.24	0.27	0.38	0.27	0.25	0.55	0.18	-	-					
Temperature (degrees Celsius)	15.3	17.6	17.9	17.5	15.2	13.3	11.8	10.7	6.7	10.1	10.3	13.4	14.7	20.4	18.1	15.8	13.6	11.2	10.5	4.8	9.3	10.6	13.3	14.2	-	-					
Oxidation Reduction Potential (millivolt)	-287.7	-141.4	-112.3	-139.3	-76.2	-216.5	-20.7	-70.3	37.1	-58.1	-64.0	-74.8	-89.1	-145.1	-138.1	-98.5	-182.7	-74	-93.4	-3.0	-98.0	-106.0	-94.1	-130.0	-	-					

Notes:

All volatile organic compound (VOC) concentrations are in micrograms per liter ($\mu\text{g/L}$).

All samples were analyzed for VOCs via USEPA Method 8260.

Residential drinking water criteria comes from cleanup criteria published in the EGLE Revised Part 201, effective December 30, 2013.

Abbreviations:

< = Below laboratory detection limit

EGLE = Michigan Department of Environment, Great Lakes, and Energy

Qualifiers:

(A) Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act No. 399 of the Public Acts of 1976.

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