



November 22, 2022

Ms. Karen A. Cahill
Assistant Engineer
NYSDEC Region 7
615 Erie Boulevard W.
Syracuse, NY 13204-2400

**RE: 3rd Quarter 2022 Effluent Monitoring Report
Abandoned Solvent Center Site – Pompey, NY
(NYSDEC #734035)**

Dear Ms. Cahill:

On behalf of the Participating Parties for the Abandoned Solvent Center Site in Pompey, New York, we are reporting the results of the required quarterly effluent sampling for the groundwater treatment system. As of September 29, 2022, a total of 9,149,821 gallons have been treated and discharged. During the reporting period (July 11, 2022 through September 29, 2022) there were approximately 46,931 gallons treated and discharged. During the reporting period, the effluent pH ranged from 5.80 to 7.91 which is within the discharge criteria for the site of 5.5 to 8.5. A copy of the analytical results of the system samples collected July 19, 2022, is attached. No VOCs were detected in the effluent sample above the discharge limit, however 1,4-dioxane was detected in the effluent at 51 ug/L.

Please feel free to contact me if you have any questions.

Tetra Tech, Inc.

A handwritten signature in black ink, appearing to read 'Michael R. Noel'.

Michael R. Noel, P.G.
Principal Hydrogeologist

Enclosure

cc: Scarlett McLaughlin, Bureau of Environmental Exposure Investigation - NYSDOH
Dan Tucholski, Bureau of Environmental Exposure Investigation - NYSDOH
Bob Gibson, General Electric Company
Richard Mator, Bristol-Myers Squibb Company

Table 1. Site Water Treatment Plant (WTP) Quarterly Sampling, Abandoned Solvent Center Site - Pompey, NY Jul 2022

Analyte	NYSAWQS	WTP Influent	WTP Effluent
1,1,1-Trichloroethane	5	3.8 J	ND (1.0)
1,1-Dichloroethane	5	32	ND (1.0)
1,1-Dichloroethene	5	ND (1.0)	ND (1.0)
Chloromethane	5	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	5	170	1.6
Ethylbenzene	5	ND (1.0)	ND (1.0)
m,p-Xylene	NA	ND (2.0)	ND (2.0)
o-Xylene	NA	ND (1.0)	ND (1.0)
Tetrachloroethene	5	ND (1.0)	ND (1.0)
Toluene	5	ND (1.0)	ND (1.0)
trans-1,2-Dichloroethene	5	ND (1.0)	ND (1.0)
Trichloroethene	5	5.0	ND (1.0)
Vinyl chloride	2	30	ND (1.0)
1,4-Dioxane	1	84	51

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside holding time

R - Rejected

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-199946-1

Client Project/Site: GE Pompey

For:

Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel



Authorized for release by:

7/26/2022 6:18:13 PM

Rebecca Jones, Project Management Assistant I
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Designee for

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-199946-1	INFLUENT	Water	07/19/22 10:23	07/20/22 10:00
480-199946-2	EFFLUENT	Water	07/19/22 10:38	07/20/22 10:00
480-199946-3	TRIP BLANK	Water	07/19/22 00:00	07/20/22 10:00

Method Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Job ID: 480-199946-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-199946-1

Comments

No additional comments.

Receipt

The samples were received on 7/20/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

Receipt Exceptions

COC requested method 522. However, designated volume for this method was not received by lab, only volume received was designated for 8270. Method was not assigned: INFLUENT (480-199946-1) and EFFLUENT (480-199946-2).

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: INFLUENT (480-199946-1). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method 8270D SIM ID: The following samples were diluted to bring the concentration of target analytes within the calibration range: INFLUENT (480-199946-1) and EFFLUENT (480-199946-2). Elevated reporting limits (RLs) are provided.

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

Organic Prep

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

Detection Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-199946-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.8	J	4.0	3.3	ug/L	4		8260C	Total/NA
1,1-Dichloroethane	32		4.0	1.5	ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	170		4.0	3.2	ug/L	4		8260C	Total/NA
Trichloroethene	5.0		4.0	1.8	ug/L	4		8260C	Total/NA
Vinyl chloride	30		4.0	3.6	ug/L	4		8260C	Total/NA
1,4-Dioxane	84		2.0	1.0	ug/L	10		8270D SIM ID	Total/NA

Client Sample ID: EFFLUENT

Lab Sample ID: 480-199946-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.81	ug/L	1		8260C	Total/NA
1,4-Dioxane	51		2.0	1.0	ug/L	10		8270D SIM ID	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-199946-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-199946-1

Date Collected: 07/19/22 10:23

Matrix: Water

Date Received: 07/20/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.8	J	4.0	3.3	ug/L			07/21/22 20:56	4
1,1-Dichloroethane	32		4.0	1.5	ug/L			07/21/22 20:56	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			07/21/22 20:56	4
Chloromethane	ND		4.0	1.4	ug/L			07/21/22 20:56	4
cis-1,2-Dichloroethene	170		4.0	3.2	ug/L			07/21/22 20:56	4
Ethylbenzene	ND		4.0	3.0	ug/L			07/21/22 20:56	4
m,p-Xylene	ND		8.0	2.6	ug/L			07/21/22 20:56	4
o-Xylene	ND		4.0	3.0	ug/L			07/21/22 20:56	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/21/22 20:56	4
Toluene	ND		4.0	2.0	ug/L			07/21/22 20:56	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/21/22 20:56	4
Trichloroethene	5.0		4.0	1.8	ug/L			07/21/22 20:56	4
Vinyl chloride	30		4.0	3.6	ug/L			07/21/22 20:56	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		07/21/22 20:56	4
4-Bromofluorobenzene (Surr)	95		73 - 120		07/21/22 20:56	4
Toluene-d8 (Surr)	102		80 - 120		07/21/22 20:56	4
Dibromofluoromethane (Surr)	100		75 - 123		07/21/22 20:56	4

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	84		2.0	1.0	ug/L		07/20/22 14:36	07/21/22 20:01	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	35		15 - 110				07/20/22 14:36	07/21/22 20:01	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-199946-2

Date Collected: 07/19/22 10:38

Matrix: Water

Date Received: 07/20/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/22 21:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/22 21:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/22 21:20	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/22 21:20	1
cis-1,2-Dichloroethene	1.6		1.0	0.81	ug/L			07/21/22 21:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/22 21:20	1
m,p-Xylene	ND		2.0	0.66	ug/L			07/21/22 21:20	1
o-Xylene	ND		1.0	0.76	ug/L			07/21/22 21:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/22 21:20	1
Toluene	ND		1.0	0.51	ug/L			07/21/22 21:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/22 21:20	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/22 21:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/22 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		07/21/22 21:20	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/21/22 21:20	1
Toluene-d8 (Surr)	104		80 - 120		07/21/22 21:20	1
Dibromofluoromethane (Surr)	100		75 - 123		07/21/22 21:20	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	51		2.0	1.0	ug/L		07/20/22 14:36	07/21/22 20:22	10
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	44		15 - 110				07/20/22 14:36	07/21/22 20:22	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-199946-3

Date Collected: 07/19/22 00:00

Matrix: Water

Date Received: 07/20/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/22 21:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/22 21:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/22 21:44	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/22 21:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/22 21:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/22 21:44	1
m,p-Xylene	ND		2.0	0.66	ug/L			07/21/22 21:44	1
o-Xylene	ND		1.0	0.76	ug/L			07/21/22 21:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/22 21:44	1
Toluene	ND		1.0	0.51	ug/L			07/21/22 21:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/22 21:44	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/22 21:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/22 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		07/21/22 21:44	1
4-Bromofluorobenzene (Surr)	95		73 - 120		07/21/22 21:44	1
Toluene-d8 (Surr)	100		80 - 120		07/21/22 21:44	1
Dibromofluoromethane (Surr)	96		75 - 123		07/21/22 21:44	1

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-199946-1	INFLUENT	108	95	102	100
480-199946-2	EFFLUENT	108	97	104	100
480-199946-3	TRIP BLANK	107	95	100	96
LCS 480-634356/5	Lab Control Sample	105	93	99	101
LCSD 480-634356/29	Lab Control Sample Dup	107	101	104	102
MB 480-634356/9	Method Blank	103	96	100	95

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

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

Lab Sample ID: MB 480-634356/9

Matrix: Water

Analysis Batch: 634356

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/22 13:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/22 13:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/22 13:45	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/22 13:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/22 13:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/22 13:45	1
m,p-Xylene	ND		2.0	0.66	ug/L			07/21/22 13:45	1
o-Xylene	ND		1.0	0.76	ug/L			07/21/22 13:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/22 13:45	1
Toluene	ND		1.0	0.51	ug/L			07/21/22 13:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/22 13:45	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/22 13:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/22 13:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		07/21/22 13:45	1
4-Bromofluorobenzene (Surr)	96		73 - 120		07/21/22 13:45	1
Toluene-d8 (Surr)	100		80 - 120		07/21/22 13:45	1
Dibromofluoromethane (Surr)	95		75 - 123		07/21/22 13:45	1

Lab Sample ID: LCS 480-634356/5

Matrix: Water

Analysis Batch: 634356

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.2		ug/L		93	73 - 126
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	23.2		ug/L		93	66 - 127
Chloromethane	25.0	23.9		ug/L		95	68 - 124
Ethylbenzene	25.0	22.9		ug/L		92	77 - 123
Tetrachloroethene	25.0	22.1		ug/L		88	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		94	73 - 127
Trichloroethene	25.0	22.6		ug/L		90	74 - 123
Vinyl chloride	25.0	24.9		ug/L		99	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: LCSD 480-634356/29

Matrix: Water

Analysis Batch: 634356

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	73 - 126	2	15

Eurofins Buffalo

QC Sample Results

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

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

Lab Sample ID: LCSD 480-634356/29

Matrix: Water

Analysis Batch: 634356

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	25.0	24.5		ug/L		98	77 - 120	2	20
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127	2	16
Chloromethane	25.0	23.7		ug/L		95	68 - 124	1	15
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123	3	15
Tetrachloroethene	25.0	22.5		ug/L		90	74 - 122	2	20
Toluene	25.0	23.3		ug/L		93	80 - 122	3	15
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127	2	20
Trichloroethene	25.0	22.8		ug/L		91	74 - 123	1	16
Vinyl chloride	25.0	24.4		ug/L		98	65 - 133	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-634252/1-A

Matrix: Water

Analysis Batch: 634402

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 634252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		07/20/22 14:36	07/21/22 17:23	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	44		15 - 110				07/20/22 14:36	07/21/22 17:23	1

Lab Sample ID: LCS 480-634252/2-A

Matrix: Water

Analysis Batch: 634402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 634252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	2.00	2.28		ug/L		114	40 - 140		
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits						
1,4-Dioxane-d8	41		15 - 110						

Lab Sample ID: LCSD 480-634252/3-A

Matrix: Water

Analysis Batch: 634402

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 634252

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	2.00	2.28		ug/L		114	40 - 140	0	20
Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits						
1,4-Dioxane-d8	42		15 - 110						

Eurofins Buffalo

QC Association Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

GC/MS VOA

Analysis Batch: 634356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199946-1	INFLUENT	Total/NA	Water	8260C	
480-199946-2	EFFLUENT	Total/NA	Water	8260C	
480-199946-3	TRIP BLANK	Total/NA	Water	8260C	
MB 480-634356/9	Method Blank	Total/NA	Water	8260C	
LCS 480-634356/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-634356/29	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 634252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199946-1	INFLUENT	Total/NA	Water	3510C	
480-199946-2	EFFLUENT	Total/NA	Water	3510C	
MB 480-634252/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-634252/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-634252/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 634402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-199946-1	INFLUENT	Total/NA	Water	8270D SIM ID	634252
480-199946-2	EFFLUENT	Total/NA	Water	8270D SIM ID	634252
MB 480-634252/1-A	Method Blank	Total/NA	Water	8270D SIM ID	634252
LCS 480-634252/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	634252
LCSD 480-634252/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	634252

Accreditation/Certification Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

1

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[illegible]

Isotope Dilution Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-199946-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE					
		(15-110)					
480-199946-1	INFLUENT	35					
480-199946-2	EFFLUENT	44					
LCS 480-634252/2-A	Lab Control Sample	41					
LCSD 480-634252/3-A	Lab Control Sample Dup	42					
MB 480-634252/1-A	Method Blank	44					

Surrogate Legend

DXE = 1,4-Dioxane-d8