



ANALYTICAL REPORT

PREPARED FOR

Attn: Felipe Ozuna
Fresh Terra Services
1929 South Arizona Ave
Yuma, Arizona 85365

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JOB DESCRIPTION

Mohawk Valley School

JOB NUMBER

550-225560-1

Eurofins Phoenix

Job Notes

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Authorization



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Authorized for release by
Rebecca Reill, Project Manager I
Rebecca.Gentes@et.eurofinsus.com
(602)437-3340



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Definitions/Glossary

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
D1	Sample required dilution due to matrix.

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: Fresh Terra Services
Project: Mohawk Valley School

Job ID: 550-225560-1

Job ID: 550-225560-1

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Job Narrative 550-225560-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/6/2024 10:45 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 2.3°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): RAW (550-225560-1), CFE (550-225560-2) and WORKROOM 01-A (550-225560-3). The container labels list <SAMPLE_ID>, while the COC lists <SAMPLEID>. The client was contacted, and the lab was instructed to <EXPLANATION_REQUIRED>.

The times on the alkalinity containers are switched.

CFE label has a time of 9:56 and the RAW label has the time listed as 10:03.

Samples were labeled using the IDs written on th labels.

GC/MS VOA

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

GC Semi VOA

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

Metals

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

General Chemistry

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

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Sample Summary

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
550-225560-1	RAW	Water	11/05/24 09:56	11/06/24 10:45
550-225560-2	CFE	Drinking Water	11/05/24 10:03	11/06/24 10:45
550-225560-3	WORKROOM 01-A	Drinking Water	11/05/24 09:31	11/06/24 10:45

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Client Sample Results

Client: Fresh Terra Services
 Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Client Sample ID: RAW

Lab Sample ID: 550-225560-1

Date Collected: 11/05/24 09:56

Matrix: Water

Date Received: 11/06/24 10:45

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3 (SM 2320B)	130		6.0	mg/L			11/08/24 13:04	1
Total Organic Carbon (SM 5310B)	2.8		0.50	mg/L			11/07/24 16:09	1

Client Sample ID: CFE

Lab Sample ID: 550-225560-2

Date Collected: 11/05/24 10:03

Matrix: Drinking Water

Date Received: 11/06/24 10:45

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.10	mg/L		11/07/24 11:00	11/13/24 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3 (SM 2320B)	140		6.0	mg/L			11/13/24 14:08	1
Total Organic Carbon (SM 5310B)	2.6		0.50	mg/L			11/07/24 16:22	1

Client Sample ID: WORKROOM 01-A

Lab Sample ID: 550-225560-3

Date Collected: 11/05/24 09:31

Matrix: Drinking Water

Date Received: 11/06/24 10:45

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.031		0.00050	mg/L			11/06/24 22:05	1
Bromoform	0.0022		0.00050	mg/L			11/06/24 22:05	1
Chloroform	0.045		0.00050	mg/L			11/06/24 22:05	1
Dibromochloromethane	0.021		0.00050	mg/L			11/06/24 22:05	1
Trihalomethanes, Total	0.099		0.00050	mg/L			11/06/24 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	112		70 - 130		11/06/24 22:05	1
4-Bromofluorobenzene (Surr)	103		70 - 130		11/06/24 22:05	1

Method: EPA 552.2 THAA - Total Haloacetic Acids (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Haloacetic Acids 5	ND		2.0	ug/L			11/10/24 01:44	1

Method: EPA 552.2 - Haloacetic Acids (HAAs) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromoacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/10/24 01:44	1
Dichloroacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/10/24 01:44	1
Monobromoacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/10/24 01:44	1
Monochloroacetic acid	ND		2.0	ug/L		11/08/24 08:51	11/10/24 01:44	1
Trichloroacetic acid	1.1		1.0	ug/L		11/08/24 08:51	11/10/24 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Bromopropionic acid (Surr)	99		70 - 130	11/08/24 08:51	11/10/24 01:44	1

Surrogate Summary

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCZ (70-130)	BFB (70-130)
550-225560-3	WORKROOM 01-A	112	103
Surrogate Legend			
DCZ = 1,2-Dichlorobenzene-d4			
BFB = 4-Bromofluorobenzene (Surr)			

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCZ (70-130)	BFB (70-130)
LCS 550-327837/4	Lab Control Sample	102	100
LCSD 550-327837/5	Lab Control Sample Dup	103	102
MB 550-327837/7	Method Blank	108	103
Surrogate Legend			
DCZ = 1,2-Dichlorobenzene-d4			
BFB = 4-Bromofluorobenzene (Surr)			

Method: 552.2 - Haloacetic Acids (HAAs) (GC)

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	2BPPA1 (70-130)
550-225560-3	WORKROOM 01-A	99
Surrogate Legend		
2BPPA = 2-Bromopropionic acid (Surr)		

Method: 552.2 - Haloacetic Acids (HAAs) (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	2BPPA1 (70-130)
810-127069-A-1-A MS	Matrix Spike	100
810-127072-A-1-A DU	Duplicate	106
810-127198-A-8-A MS	Matrix Spike	98
MB 810-121842/1-A	Method Blank	106
Surrogate Legend		
2BPPA = 2-Bromopropionic acid (Surr)		

QC Sample Results

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 550-327837/7
Matrix: Water
Analysis Batch: 327837

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.00050	mg/L			11/06/24 19:01	1
Bromoform	ND		0.00050	mg/L			11/06/24 19:01	1
Chloroform	ND		0.00050	mg/L			11/06/24 19:01	1
Dibromochloromethane	ND		0.00050	mg/L			11/06/24 19:01	1
Trihalomethanes, Total	ND		0.00050	mg/L			11/06/24 19:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	108		70 - 130		11/06/24 19:01	1
4-Bromofluorobenzene (Surr)	103		70 - 130		11/06/24 19:01	1

Lab Sample ID: LCS 550-327837/4
Matrix: Water
Analysis Batch: 327837

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	0.0500	0.0457		mg/L		91	70 - 130
Bromoform	0.0500	0.0473		mg/L		95	70 - 130
Chloroform	0.0500	0.0431		mg/L		86	70 - 130
Dibromochloromethane	0.0500	0.0484		mg/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichlorobenzene-d4	102		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 550-327837/5
Matrix: Water
Analysis Batch: 327837

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
Bromodichloromethane	0.0500	0.0456		mg/L		91	70 - 130	0	20
Bromoform	0.0500	0.0498		mg/L		100	70 - 130	5	20
Chloroform	0.0500	0.0432		mg/L		86	70 - 130	0	20
Dibromochloromethane	0.0500	0.0487		mg/L		97	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichlorobenzene-d4	103		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Method: 552.2 - Haloacetic Acids (HAAs) (GC)

Lab Sample ID: MB 810-121842/1-A
Matrix: Water
Analysis Batch: 121935

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121842

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromoacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/09/24 14:18	1
Dichloroacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/09/24 14:18	1
Monobromoacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/09/24 14:18	1

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QC Sample Results

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: 552.2 - Haloacetic Acids (HAAs) (GC) (Continued)

Lab Sample ID: MB 810-121842/1-A
Matrix: Water
Analysis Batch: 121935

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121842

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Monochloroacetic acid	ND		2.0	ug/L		11/08/24 08:51	11/09/24 14:18	1
Trichloroacetic acid	ND		1.0	ug/L		11/08/24 08:51	11/09/24 14:18	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
2-Bromopropionic acid (Surr)	106		70 - 130			11/08/24 08:51	11/09/24 14:18	1

Lab Sample ID: 810-127069-A-1-A MS
Matrix: Water
Analysis Batch: 121935

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Dibromoacetic acid	ND		20.0	23.5		ug/L		118	70 - 130
Dichloroacetic acid	10		20.0	27.7		ug/L		88	70 - 130
Monobromoacetic acid	ND		20.0	19.5		ug/L		97	70 - 130
Monochloroacetic acid	ND		40.0	36.4		ug/L		91	70 - 130
Trichloroacetic acid	12		20.0	32.5		ug/L		103	70 - 130
Surrogate	MS MS		Limits					%Rec	Limits
	%Recovery	Qualifier							
2-Bromopropionic acid (Surr)	100		70 - 130						

Lab Sample ID: 810-127198-A-8-A MS
Matrix: Water
Analysis Batch: 121935

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Dibromoacetic acid	ND		20.0	25.1		ug/L		121	70 - 130
Dichloroacetic acid	8.9		20.0	30.4		ug/L		107	70 - 130
Monobromoacetic acid	ND		20.0	20.4		ug/L		102	70 - 130
Monochloroacetic acid	ND		40.0	37.5		ug/L		94	70 - 130
Trichloroacetic acid	4.7		20.0	24.3		ug/L		98	70 - 130
Surrogate	MS MS		Limits					%Rec	Limits
	%Recovery	Qualifier							
2-Bromopropionic acid (Surr)	98		70 - 130						

Lab Sample ID: 810-127072-A-1-A DU
Matrix: Water
Analysis Batch: 121935

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 121842

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD		
			Result	Qualifier			RPD	Limit	
Dibromoacetic acid	8.5		8.69		ug/L		2	34	
Dichloroacetic acid	1.8		1.78		ug/L		0.7	27	
Monobromoacetic acid	ND		ND		ug/L		NC	50	
Monochloroacetic acid	ND		ND		ug/L		NC	49	
Trichloroacetic acid	1.6		1.64		ug/L		3	30	
Surrogate	DU DU		Limits					RPD	Limit
	%Recovery	Qualifier							
2-Bromopropionic acid (Surr)	106		70 - 130						

QC Sample Results

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 550-327867/1-A
Matrix: Water
Analysis Batch: 328082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 327867

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.10	mg/L		11/07/24 11:00	11/13/24 15:47	1

Lab Sample ID: LCS 550-327867/2-A
Matrix: Water
Analysis Batch: 328082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 327867

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	1.02		mg/L		102	85 - 115

Lab Sample ID: LCSD 550-327867/3-A
Matrix: Water
Analysis Batch: 328082

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 327867

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	1.00	1.05		mg/L		105	85 - 115	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 550-327927/3
Matrix: Water
Analysis Batch: 327927

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	ND		6.0	mg/L			11/08/24 11:00	1

Lab Sample ID: LCS 550-327927/5
Matrix: Water
Analysis Batch: 327927

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity as CaCO3	250	249		mg/L		100	90 - 110

Lab Sample ID: LCSD 550-327927/17
Matrix: Water
Analysis Batch: 327927

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
Alkalinity as CaCO3	250	248		mg/L		99	90 - 110	1	20

Lab Sample ID: 550-225476-A-1 DU
Matrix: Water
Analysis Batch: 327927

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity as CaCO3	ND		ND		mg/L		NC	20

QC Sample Results

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 550-328083/2
Matrix: Water
Analysis Batch: 328083

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	ND		6.0	mg/L			11/13/24 12:51	1

Lab Sample ID: LCS 550-328083/5
Matrix: Water
Analysis Batch: 328083

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity as CaCO3	250	243		mg/L		97	90 - 110

Lab Sample ID: LCSD 550-328083/15
Matrix: Water
Analysis Batch: 328083

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
Alkalinity as CaCO3	250	246		mg/L		98	90 - 110	1	20

Lab Sample ID: 550-225729-F-1 DU
Matrix: Water
Analysis Batch: 328083

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity as CaCO3	130		135		mg/L		0.7	20

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 550-327909/6
Matrix: Water
Analysis Batch: 327909

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		0.50	mg/L			11/07/24 13:23	1

Lab Sample ID: LCS 550-327909/7
Matrix: Water
Analysis Batch: 327909

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	18.9		mg/L		94	90 - 110

Lab Sample ID: LCSD 550-327909/8
Matrix: Water
Analysis Batch: 327909

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
Total Organic Carbon	20.0	19.1		mg/L		96	90 - 110	1	20

QC Sample Results

Client: Fresh Terra Services
 Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method: SM 5310B - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 550-225431-A-1 MS ^4
Matrix: Water
Analysis Batch: 327909

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	8.8	D1	80.0	87.1	D1	mg/L		98	90 - 110

Lab Sample ID: 550-225431-A-1 MSD ^4
Matrix: Water
Analysis Batch: 327909

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	8.8	D1	80.0	86.5	D1	mg/L		97	90 - 110	1	20

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QC Association Summary

Client: Fresh Terra Services
 Project/Site: Mohawk Valley School

Job ID: 550-225560-1

GC/MS VOA

Analysis Batch: 327837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-3	WORKROOM 01-A	Total/NA	Drinking Water	524.2	
MB 550-327837/7	Method Blank	Total/NA	Water	524.2	
LCS 550-327837/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 550-327837/5	Lab Control Sample Dup	Total/NA	Water	524.2	

GC Semi VOA

Prep Batch: 121842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-3	WORKROOM 01-A	Total/NA	Drinking Water	552.2	
MB 810-121842/1-A	Method Blank	Total/NA	Water	552.2	
810-127069-A-1-A MS	Matrix Spike	Total/NA	Water	552.2	
810-127198-A-8-A MS	Matrix Spike	Total/NA	Water	552.2	
810-127072-A-1-A DU	Duplicate	Total/NA	Water	552.2	

Analysis Batch: 121935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-3	WORKROOM 01-A	Total/NA	Drinking Water	552.2	121842
MB 810-121842/1-A	Method Blank	Total/NA	Water	552.2	121842
810-127069-A-1-A MS	Matrix Spike	Total/NA	Water	552.2	121842
810-127198-A-8-A MS	Matrix Spike	Total/NA	Water	552.2	121842
810-127072-A-1-A DU	Duplicate	Total/NA	Water	552.2	121842

Analysis Batch: 122417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-3	WORKROOM 01-A	Total/NA	Drinking Water	552.2 THAA	

Metals

Prep Batch: 327867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-2	CFE	Total/NA	Drinking Water	200.7	
MB 550-327867/1-A	Method Blank	Total/NA	Water	200.7	
LCS 550-327867/2-A	Lab Control Sample	Total/NA	Water	200.7	
LCSD 550-327867/3-A	Lab Control Sample Dup	Total/NA	Water	200.7	

Analysis Batch: 328082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-2	CFE	Total/NA	Drinking Water	200.7 Rev 4.4	327867
MB 550-327867/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	327867
LCS 550-327867/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	327867
LCSD 550-327867/3-A	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	327867

General Chemistry

Analysis Batch: 327909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-1	RAW	Total/NA	Water	SM 5310B	
550-225560-2	CFE	Total/NA	Drinking Water	SM 5310B	
MB 550-327909/6	Method Blank	Total/NA	Water	SM 5310B	
LCS 550-327909/7	Lab Control Sample	Total/NA	Water	SM 5310B	
LCSD 550-327909/8	Lab Control Sample Dup	Total/NA	Water	SM 5310B	

Eurolins Phoenix

QC Association Summary

Client: Fresh Terra Services
 Project/Site: Mohawk Valley School

Job ID: 550-225560-1

General Chemistry (Continued)

Analysis Batch: 327909 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225431-A-1 MS ^4	Matrix Spike	Total/NA	Water	SM 5310B	
550-225431-A-1 MSD ^4	Matrix Spike Duplicate	Total/NA	Water	SM 5310B	

Analysis Batch: 327927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-1	RAW	Total/NA	Water	SM 2320B	
MB 550-327927/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 550-327927/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 550-327927/17	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
550-225476-A-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 328083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-225560-2	CFE	Total/NA	Drinking Water	SM 2320B	
MB 550-328083/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 550-328083/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 550-328083/15	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
550-225729-F-1 DU	Duplicate	Total/NA	Water	SM 2320B	



Lab Chronicle

Client: Fresh Terra Services
 Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Client Sample ID: RAW

Lab Sample ID: 550-225560-1

Date Collected: 11/05/24 09:56

Matrix: Water

Date Received: 11/06/24 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2320B		1	327927	GLW	EET PHX	11/08/24 13:04
Total/NA	Analysis	SM 5310B		1	327909	AKS	EET PHX	11/07/24 16:09

Client Sample ID: CFE

Lab Sample ID: 550-225560-2

Date Collected: 11/05/24 10:03

Matrix: Drinking Water

Date Received: 11/06/24 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.7			327867	HHL	EET PHX	11/07/24 11:00
Total/NA	Analysis	200.7 Rev 4.4		1	328082	JAC	EET PHX	11/13/24 16:28
Total/NA	Analysis	SM 2320B		1	328083	KMS	EET PHX	11/13/24 14:08
Total/NA	Analysis	SM 5310B		1	327909	AKS	EET PHX	11/07/24 16:22

Client Sample ID: WORKROOM 01-A

Lab Sample ID: 550-225560-3

Date Collected: 11/05/24 09:31

Matrix: Drinking Water

Date Received: 11/06/24 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	327837	R1K	EET PHX	11/06/24 22:05
Total/NA	Prep	552.2			121842	MM	EA SB	11/08/24 08:51
Total/NA	Analysis	552.2		1	121935	BC	EA SB	11/10/24 01:44
Total/NA	Analysis	552.2 THAA		1	122417	JT	EA SB	11/10/24 01:44

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Laboratory: Eurofins Phoenix

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

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-10-25

Laboratory: Eurofins Eaton Analytical South Bend

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

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0432	07-26-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Fresh Terra Services
Project/Site: Mohawk Valley School

Job ID: 550-225560-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EET PHX
552.2	Haloacetic Acids (HAAs) (GC)	EPA	EA SB
552.2 THAA	Total Haloacetic Acids (GC)	EPA	EA SB
200.7 Rev 4.4	Metals (ICP)	EPA	EET PHX
SM 2320B	Alkalinity	SM	EET PHX
SM 5310B	Organic Carbon, Total (TOC)	SM	EET PHX
200.7	Preparation, Total Metals	EPA	EET PHX
552.2	Microextraction	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET PHX = Eurofins Phoenix, 4625 East Cotton Center Boulevard, Suite #189, Phoenix, AZ 85040, TEL (602)437-3340



FRESH TERRA

225560

CHAIN OF CUSTODY FORM

Produce Safety, Better Planet

1929 S Arizona Ave, Suite 7 - Yuma, AZ 85364
Telephone (928) 257-3601- Facsimile (928) 328-1754

Customer: MOHAWK VALLEY SCHOOL
Address: 5151 S AVENUE 39 E
City, State, Zip: ROLL AZ 85347

System Name: MOHAWK VALLEY SCHOOL
System ID: 14055
Owner/Contact Person Name: TIM BURNS
Owner/Contact Person Phone: 928-210-7730
Owner/Contact Person Fax:
Owner/Contact Person E-mail: TBURNS@MOHAWK17.ORG

Sampler Name (Print): TIM BURNS
Sampler Name (Signature): [Signature]

Temperature _____ °C Requires State Form: Yes No
Total # of Containers: _____ Non-Compliance samples: Yes No

Sample Description:	Sample Matrix	Sampling Date	Sampling Time	Lab. No.
<u>RAW</u>	<u>SW</u>	<u>11-5-24</u>	<u>09:32</u>	
<u>CFE</u>	<u>DW</u>	<u>11-5-24</u>	<u>10:03</u>	
<u>WORKROOM 01-A</u>	<u>DW</u>	<u>11-5-24</u>	<u>09:31</u>	

TOTAL COLIFORM (P/A)	FECAL COLIFORM (MF)	TOC	ALK	THM	HAAs	Comments
		X	X			
		X	X			
				X	X	



Relinquished By: [Signature] Date/Time: 11-5-24 / 11:46
Received By: [Signature] Date/Time: 11/5/20 1146

Relinquished By: [Signature] Date/Time: 11/5/20 1600
Received By: [Signature] Date/Time: 11/07/20 1045



Eurofins Phoenix

4625 East Colton Center Boulevard Suite #189
Phoenix, AZ 85040
Phone: 602-437-3340

Chain of Custody Record

Environment Testing



Client Information (Sub Contract Lab)																																																																																																																																												
Sampler: N/A	Lab PM: Reill, Rebecca G	Carrier Tracking No(s): N/A																																																																																																																																										
Phone: N/A	E-Mail: Rebecca.Gentes@et.eurofins.com	State of Origin: Arizona																																																																																																																																										
Shipping/Receiving	Accreditations Required (See note): State - Arizona, State Program - Arizona	Job #: 550-225560-1																																																																																																																																										
Company: Eurofins Eaton Analytical		Preservation Codes:																																																																																																																																										
Address: 110 S Hill Street, City: South Bend State, Zip: IN, 46617	Due Date Requested: 11/14/2024																																																																																																																																											
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	TAT Requested (days): N/A																																																																																																																																											
Email: N/A	PO #: N/A																																																																																																																																											
Project #: 55010667	WO #: N/A																																																																																																																																											
Site: N/A	SSOW#: N/A																																																																																																																																											
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X	X	X	X	1																																																																																																																																								
<p>Other: N/A</p> <p>nitro temp: 2.6 Corrected Temp: 2.6 IR Gun #:</p>																																																																																																																																												
<p>Notes: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southwest, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southwest, LLC.</p>																																																																																																																																												
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: I, II, III, IV, Other (specify) _____</p> <p>Primary Deliverable Rank: 2</p> <p>Empty Kit Relinquished by: _____ Date: _____</p> <p>Relinquished by: <u>Gene 11-06-24 15:25</u> Date/Time: _____ Company: EETA-PHX</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Relinquished by: _____ Date/Time: _____ Company: _____</p> <p>Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Custody Seal No.: _____</p>																																																																																																																																												
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p> <p>Special Instructions/QC Requirements: _____</p>																																																																																																																																												
<p>Received by: <u>Fedex</u> Date/Time: _____ Company: _____</p> <p>Received by: _____ Date/Time: _____ Company: _____</p> <p>Received by: <u>Gene 11-06-24 15:25</u> Date/Time: 11-7-24 09:20 Company: _____</p> <p>Cooler Temperature(s) / Land Other Remarks: _____</p>																																																																																																																																												



Login Sample Receipt Checklist

Client: Fresh Terra Services

Job Number: 550-225560-1

Login Number: 225560

List Source: Eurofins Phoenix

List Number: 1

Creator: Gravlin, Andrea

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

Login Sample Receipt Checklist

Client: Fresh Terra Services

Job Number: 550-225560-1

Login Number: 225560

List Source: Eurofins Eaton Analytical South Bend

List Number: 2

List Creation: 11/07/24 10:22 AM

Creator: Moore, Gary

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers