

DATA PACKAGE

SUB - DATA

PROJECT NAME : FT MEADE TIPTON AIRFIELD PARCEL RI - PO 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID : Q1310

ATTENTION : Nathan Fretz



Cover Page

Order ID : Q1310

Project ID : Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client : Weston Solutions

Lab Sample Number

Q1310-01
Q1310-02

Client Sample Number

TAPHHA-MW01-012825-00-T4
TAPIAL2-MW03-012825-00-T3

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 2/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Yazmeen Gomez
Chemtech Consulting Group Inc.
284 Sheffield Street
Mountainside, New Jersey 07092

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JOB DESCRIPTION

Fort Meade RI

JOB NUMBER

410-205483-1

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Barbara Weyandt, Project Manager
Barbara.Weyandt@et.eurofinsus.com
(717)556-7264

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
 - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is 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.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Barb Weyandt

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Definitions/Glossary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation

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: Chemtech Consulting Group Inc.
Project: Fort Meade RI

Job ID: 410-205483-1

Job ID: 410-205483-1

Eurofins Lancaster Laboratories Environment

Job Narrative 410-205483-1

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 1/29/2025 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 time was 4.1°C.

LCMS

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Client Sample ID: TAPHHA-MW01-012825-00-T4

Lab Sample ID: 410-205483-1

No Detections.

Client Sample ID: TAPIAL2-MW03-012825-00-T3

Lab Sample ID: 410-205483-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Client Sample ID: TAPHHA-MW01-012825-00-T4

Lab Sample ID: 410-205483-1

Date Collected: 01/28/25 12:00

Matrix: Water

Date Received: 01/29/25 10:00

Method: EPA 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		1.0	0.20	ug/L		01/31/25 09:27	02/03/25 15:33	1

Client Sample ID: TAPIAL2-MW03-012825-00-T3

Lab Sample ID: 410-205483-2

Date Collected: 01/28/25 14:55

Matrix: Water

Date Received: 01/29/25 10:00

Method: EPA 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		1.0	0.20	ug/L		01/31/25 09:27	02/03/25 15:44	1

QC Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

Lab Sample ID: MB 410-601193/1-A

Matrix: Water

Analysis Batch: 601789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 601193

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		1.0	0.20	ug/L		01/31/25 09:27	02/03/25 13:59	1

Lab Sample ID: LCS 410-601193/2-A

Matrix: Water

Analysis Batch: 601789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 601193

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perchlorate	1.00	0.949	J	ug/L		95	84 - 119

Lab Sample ID: LCSD 410-601193/3-A

Matrix: Water

Analysis Batch: 601789

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 601193

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perchlorate	1.00	0.958	J	ug/L		96	84 - 119	1	15

QC Association Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

LCMS

Prep Batch: 601193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-205483-1	TAPHHA-MW01-012825-00-T4	Total/NA	Water	6850 Prep	
410-205483-2	TAPIAL2-MW03-012825-00-T3	Total/NA	Water	6850 Prep	
MB 410-601193/1-A	Method Blank	Total/NA	Water	6850 Prep	
LCS 410-601193/2-A	Lab Control Sample	Total/NA	Water	6850 Prep	
LCSD 410-601193/3-A	Lab Control Sample Dup	Total/NA	Water	6850 Prep	

Analysis Batch: 601789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-205483-1	TAPHHA-MW01-012825-00-T4	Total/NA	Water	6850	601193
410-205483-2	TAPIAL2-MW03-012825-00-T3	Total/NA	Water	6850	601193
MB 410-601193/1-A	Method Blank	Total/NA	Water	6850	601193
LCS 410-601193/2-A	Lab Control Sample	Total/NA	Water	6850	601193
LCSD 410-601193/3-A	Lab Control Sample Dup	Total/NA	Water	6850	601193

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Client Sample ID: TAPHHA-MW01-012825-00-T4
Date Collected: 01/28/25 12:
Date Received: 01/29/25 10:00

Lab Sample ID: 410-205483-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	6850 Prep			601193	VVE5	ELLE	01/31/25 09:27
Total/NA	Analysis	6850		1	601789	UAD3	ELLE	02/03/25 15:33

Client Sample ID: TAPIAL2-MW03-012825-00-T3
Date Collected: 01/28/25 14:55
Date Received: 01/29/25 10:00

Lab Sample ID: 410-205483-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	6850 Prep			601193	VVE5	ELLE	01/31/25 09:27
Total/NA	Analysis	6850		1	601789	UAD3	ELLE	02/03/25 15:44

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
Rhode Island	State	LAO00338	12-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6850	6850 Prep	Water	Perchlorate

Method Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Method	Method Description	Protocol	Laboratory
6850	Perchlorate by LC/MS or LC/MS/MS	EPA	ELLE
6850 Prep	Perchlorate Water Prep	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Fort Meade RI

Job ID: 410-205483-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-205483-1	TAPHHA-MW01-012825-00-T4	Water	01/28/25 12:00	01/29/25 10:00
410-205483-2	TAPIAL2-MW03-012825-00-T3	Water	01/28/25 14:55	01/29/25 10:00

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-205483-1

Login Number: 205483

List Number: 1

Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(<=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
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	
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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	