284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

DATA PACKAGE

SUB - DATA

PROJECT NAME : FORT MEADE MD TIPTON AIRFIELD PARCEL RI - 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID : Q1351

ATTENTION : Nathan Fretz

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q1351

Project ID : Fort Meade MD Tipton Airfield Parcel RI - 0111169

Client : Weston Solutions

Lab Sample Number	Client Sample Number
Q1351-01	TAP-IDW-SOIL-021025

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:36 am, Feb 28, 2025

Date: 2/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Chemtech**

Project	CSM022|Q1351 Ft Meade Tipton A
Workorder	3400336
Report ID	390275 on 2/24/2025

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Feb 12, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Jessica Smith (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Nathan Fretz - Weston Solutions, Inc.
Project Chemtech - Chemtech
Yazmeen Gomez - Chemtech

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Jessica Smith

Jessica Smith *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3400336001	TAP-IDW-SOIL-021025	Solid	02/10/2025 13:40	02/12/2025 09:02	CBC	Collected By Client

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.

Detected Results Summary

Client Sample ID	TAP-IDW-SOIL-021025	Collected	02/10/2025 13:40
Lab Sample ID	3400336001	Lab Receipt	02/12/2025 09:02

Compound	Result	Units	LOQ	LOD	DL	Method	Flag
WET CHEMISTRY							
Moisture	18.7	%	0.1	0.1	0.01	S2540G-15	#
Sulfide, Reactive	8.0	mg/kg	6.2	6.2	1.2	SW846 7.3	#
Total Solids	81.3	%	0.1	0.1	0.01	S2540G-15	#

Results

Client Sample ID	TAP-IDW-SOIL-021025	Collected	02/10/2025 13:40
Lab Sample ID	3400336001	Lab Receipt	02/12/2025 09:02

WET CHEMISTRY

Compound	Result	Flag	Units	LOQ	LOD	DL	Method	Dilution	Analysis Date/Time	By	Cntr
Cyanide, Reactive	10U	U	mg/kg	10	10	0.011	SW-846 7.3CN	1	02/19/2025 14:47	KMV	A
Moisture	18.7		%	0.1	0.1	0.01	S2540G-15	1	02/13/2025 14:23	J1K	A
Sulfide, Reactive	8.0		mg/kg	6.2	6.2	1.2	SW846 7.3	1	02/18/2025 20:11	KMV	A
Total Solids	81.3		%	0.1	0.1	0.01	S2540G-15	1	02/13/2025 14:23	J1K	A

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3400336001	TAP-IDW-SOIL-021025	S2540G-15	N/A	
		SW846 7.3	SW846 7.3	
		SW-846 7.3CN	SW-846 7.3CN	

QUALITY CONTROL SAMPLES

WET CHEMISTRY

QC Batch

QC Batch	1389288	Prep Method	N/A
Date	N/A	Analysis Method	S2540G-15
Tech.			

Associated Samples

3400336001

Duplicate 3942231 (DUP) 3400468006 (non-Project Sample) For QC Batch 1389288

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (%)	Orig. Result (%)			Qualifiers
Moisture	MOISTURE	DUP	16.2895	15.9912	RPD	1.85 (Max-10)	
Total Solids	TSP	DUP	83.7104	84.0087	RPD	0.36 (Max-5)	

Duplicate 3942232 (DUP) 3400384001 (non-Project Sample) For QC Batch 1389288

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (%)	Orig. Result (%)			Qualifiers
Moisture	MOISTURE	DUP	97.6499	97.5589	RPD	0.09 (Max-10)	
Total Solids	TSP	DUP	2.35	2.4410	RPD	3.80 (Max-5)	

Duplicate 3942233 (DUP) 3400476001 (non-Project Sample) For QC Batch 1389288

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (%)	Orig. Result (%)			Qualifiers
Moisture	MOISTURE	DUP	12.9239	12.0745	RPD	6.80 (Max-10)	
Total Solids	TSP	DUP	87.0760	87.9254	RPD	0.97 (Max-5)	

Duplicate 3942234 (DUP) 3400370002 (non-Project Sample) For QC Batch 1389288

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

QUALITY CONTROL SAMPLES

WET CHEMISTRY (cont.)

RESULTS

Compound	CAS No		Result (%)	Orig. Result (%)		Qualifiers
Moisture	MOISTURE	DUP	11.0449	9.2162	RPD 18.10* (Max-10)	
Total Solids	TSP	DUP	88.9550	90.7837	RPD 2.03 (Max-5)	

Duplicate 3942235 (DUP) 3400370010 (non-Project Sample) For QC Batch 1389288

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (%)	Orig. Result (%)		Qualifiers
Moisture	MOISTURE	DUP	15.4761	15.9253	RPD 2.86 (Max-10)	
Total Solids	TSP	DUP	84.5238	84.0746	RPD 0.53 (Max-5)	

QC Batch

QC Batch	1392009	Prep Method	SW-846 7.3CN
Date	02/17/2025 16:35	Analysis Method	SW-846 7.3CN
Tech.	KMV		

Associated Samples

3400336001

Method Blank 3943450 (MB) Created on 02/17/2025 14:08 For QC Batch 1392009

RESULTS

Compound	CAS No		Result	Units	LOQ	Qualifiers
Cyanide, Reactive	CNREACT	BLK	10.0U	mg/kg	10.0	U

Lab Control Standard 3943451 (LCS) Created on 02/17/2025 14:08 For QC Batch 1392009

RESULTS

Compound	CAS No		Result (mg/kg)	Orig. Result (mg/kg)	Spk Added (mg/kg)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Cyanide, Reactive	CNREACT	LCS	1.9		5	38.1	1 - 92		J

Duplicate 3943452 (DUP) 3400336001 For QC Batch 1392009

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

QUALITY CONTROL SAMPLES

WET CHEMISTRY (cont.)

RESULTS

Compound	CAS No		Result (mg/kg)	Orig. Result (mg/kg)			Qualifiers
Cyanide, Reactive	CNREACT	DUP	0	0.0010	RPD	200* (Max-20)	U

QC Batch

QC Batch	1392010	Prep Method	SW846 7.3
Date	02/17/2025 16:35	Analysis Method	SW846 7.3
Tech.	KMV		

Associated Samples

3400336001

Method Blank 3943453 (MB) Created on 02/17/2025 14:08 For QC Batch 1392010

RESULTS

Compound	CAS No		Result	Units	LOQ	Qualifiers
Sulfide, Reactive	SO2REACT	BLK	4.4J	mg/kg	6.3	J

Lab Control Standard 3943454 (LCS) Created on 02/17/2025 14:08 For QC Batch 1392010

RESULTS

Compound	CAS No		Result (mg/kg)	Orig. Result (mg/kg)	Spk Added (mg/kg)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Sulfide, Reactive	SO2REACT	LCS	317		284	112	49 - 148		

Duplicate 3943455 (DUP) 3400336001 For QC Batch 1392010

****NOTE - The Original Result and Duplicate Result shown below are raw results and are only used for the purpose of calculating Sample Duplicate percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (mg/kg)	Orig. Result (mg/kg)			Qualifiers
Sulfide, Reactive	SO2REACT	DUP	7.5660	7.9880	RPD	5.43 (Max-20)	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3400336001	TAP-IDW-SOIL-021025	N/A	N/A	N/A		S2540G-15	1389288
		SW846 7.3	1392010	02/17/2025 16:35	KMV	SW846 7.3	1392922
		SW-846 7.3CN	1392009	02/17/2025 16:35	KMV	SW-846 7.3CN	1392910

Weston COC ID
Weston_20250210_1440

Chain of Custody Record/Lab Work Request

Page 1 of 1

Client:	Weston Solutions, Inc.		
Project Manager:	David Sembrot		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-314-5456	ST, ZIP:	PA, 19038
e-mail:	david.sembrot@westonsolutions.com		
Sampled By:	Cheyenne Harrington		

Project Name:	Fort Meade RI	Project POC:	Nathan Fretz
PO Number	0111169	Phone:	484-524-5665
W.O. #:		POC e-mail:	nathan.fretz@westonsolutions.com
Lab:	CHEMTECH-ALS Middletown	Lab POC:	Jordan Hedvat
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	285 Sheffield Street Mountainside, NJ 07093		

Matrix Codes
SS - Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
SB - Soil Boring
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate properly preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	Analyses Requested: Reactive Sulfide by EPA 9034	Reactive Cyanide by EPA9012B	Special Instructions/Comments
	Container Type:							Glass	Glass	
	Container Size:							8 oz	8 oz	
	Preservative:							Ice to 0-6	Ice to 0-6	
1	~~TAP-SOIL-IDW-021025~~ TAP-IDW-SOIL-021025 CH	c	DS	1	no	2/10/2025	13:40	X	X	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

FedEx Shipping Airbill Number: 7719 9075 4644

Cooler Number: 1 of 1

	Relinquished By	Date	Time	Received By	Date	Time
1.)	[signature]	10-Feb-25	1800	yg 3.1	2/11/2025 9:10	
2.)						
3.)						

Additional Comments:
SAMPLES TO BE ANALYZED BY ALS MIDDLETOWN
QSM 6.0 Compliant

Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD

Q1351

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
WWW.CHEMTECH.NET

3400336
Logged By: GRD
PM: JLS

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION
COMPANY : ALS Environmental- Middletown	ORDER ID : Q1351		BILL TO: CHEMTECH PO# : q1351
ADDRESS : 301 Fulling Mill Road	PROJECT ID:Ft Meade Tipton Airfield Parcel RI - PO 0111169		ADDRESS : 284, Sheffield Street
CITY:Middletown State :PA ZIP :17057	PROJECT MANAGER Yazmeen		CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN@CHEMTECH.NET		ATTENTION :Yazmeen
PHONE :717-944-5541	PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : SEDD 2A **Report :** Level 4 **Comment :**

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	TAT DAYS
01	TAP-IDW-021025	Solid	Reactive Cyanide	Cool 4 deg C	9012B	02/10/2025	13:40:00	1	10
01		Solid	Reactive Sulfide	Cool 4 deg C	9034			1	10

G|UNP
GRD
2/12/25

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUIESHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	Cooler Temp
1.	2/11/25	1. Fedex	☐ Compliant ☐ Non Compliant	Ice or Cooler?
RELINQUIESHED BY:	DATETIME:	RECEIVED BY:		
2. Fedex	2/12/25 0902	2.		
RELINQUIESHED BY:	DATETIME:	RECEIVED BY:	☐ OVERNIGHT	Shipment Complete:
3.		3.	Page 1 of 1 ☐ OVERNIGHT	☐ YES ☐ NO

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Middletown Sample Condition Form

Client Alliance - ChemTech Workorder 34003360

Temp °C 0 Therm ID 362 Ice? (Y) N N/A Initials & Date GRD 2/12/25

(Fedex) UPS Client ALS Other Tracking # 7720 1501 8378

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			X	
Sample Custody Seals present & intact			X	
Chain-of-Custody present	X			
Sample collector name present *If not present, must contact PM/client to request name.*	X			
COC/bottle labels complete & in agreement		X		
•Sample location	X			
•Date and time of sample collection	X			
•Type(s) of preservation		X		UC
•Number of containers	X			
•Composite or grab		X		
•Matrix	X			
Proper containers, preservation, and volume per method	X			
Received within hold time	X			
Containers intact	X			
Trip blanks present (EPA 504, EPA 524)			X	
Field blanks present (Hg 1631, PFAS)				
NJ ≤ 4 Days				
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting			X	

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

13 of 13

2/24/2025 5:00 PM