

## **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 : P5367**

**ATTENTION : Nathan Fretz**



## Cover Page

**Order ID :** P5367

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

**Client :** Weston Solutions

**Lab Sample Number**

P5367-01

**Client Sample Number**

TAPFTA-SB01I-4.5-121924-00-T1

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 10:17 am, Jan 08, 2025*

Date: 1/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



GEOLAB

• **NEW JERSEY**  
1017 GREELEY AVE SOUTH  
UNION, NJ 07083  
908.964.0786

• **SOUTH CAROLINA**  
49 BROWNS COVE ROAD SUITE 6  
RIDGELAND, SC 29936  
848.316.9950

### Letter of Transmittal

Date: 12-28-24

Job No.: 889

Lab Log: 24-3955

Attention: Yazmeen  
Alliance Technical Group  
284 Sheffield Street  
Mountainside, NJ 07092

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: P5367 – Ft Meade Tipton Airfield Parcel RI – PO 0111169

Sample(s) ID: **TAPFTA-SB01I-4-.5-121924-00-T1**

Dear Yazmeen,

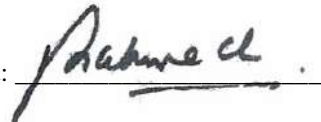
Please find attached results for the samples referenced above. The following lab testing was performed:

- ASTM D422 Sieve & Hydrometer Analysis
- ASTM D4318 Atterberg Limits (verify NP)
- ASTM D7263 Bulk Density

Regards,  
RSA Geolab, LLC

Remarks: If you have any questions, please call 908-964-0786.

Signed: \_\_\_\_\_

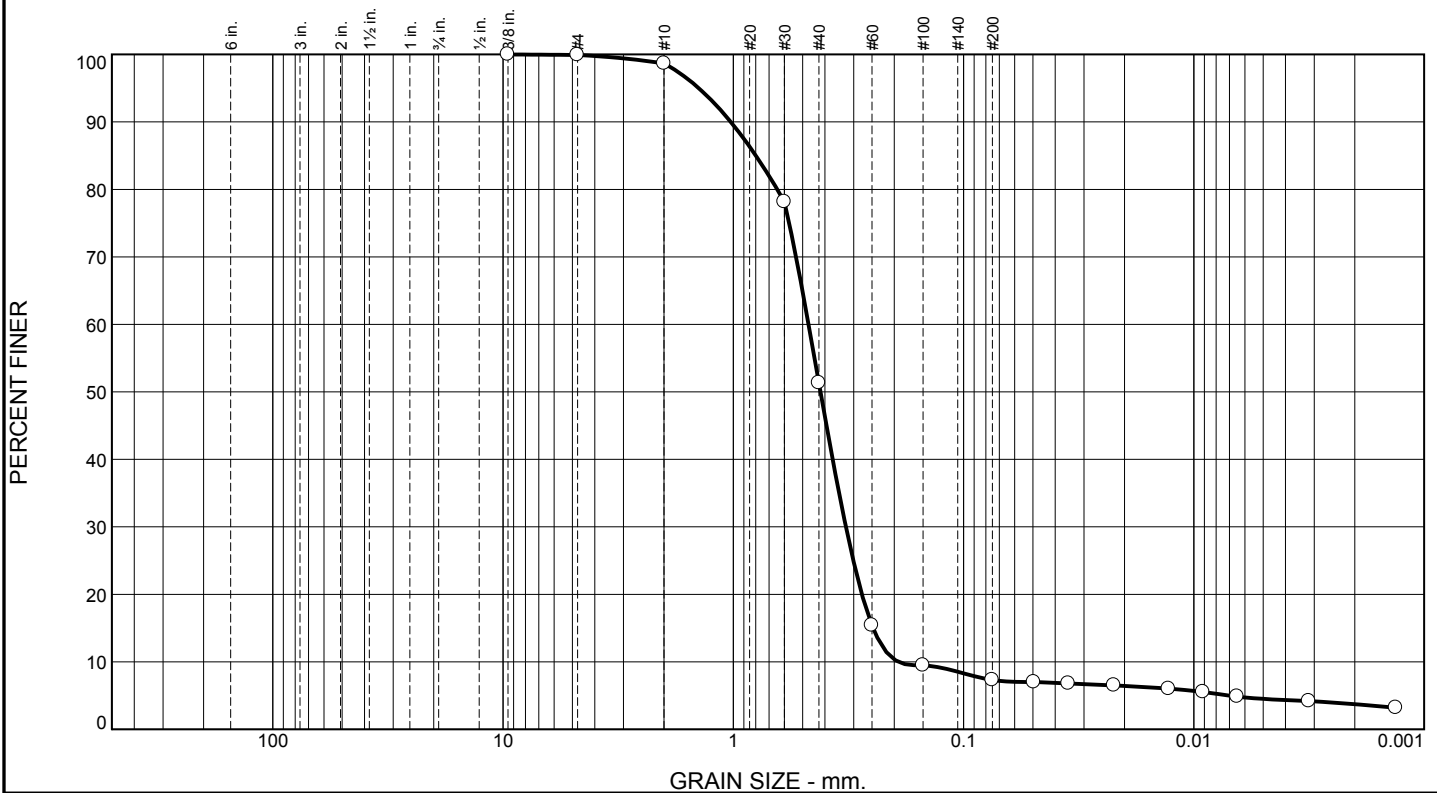
  
Dr. Raza S. Ahmed  
President RSA Geolab, LLC

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# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	1.2	47.4	44.0	2.8	4.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	98.7		
#30	78.1		
#40	51.3		
#60	15.4		
#100	9.5		
#200	7.3		

\* (no specification provided)

Location: TAPFTA-SB01I-4-.5-121924-00-T1

Date: 12-28-24

**RSA Geolab**

**Union, New Jersey**

Client: Alliance Technical Group

Project: P5367 - Ft Meade Tipton Airfield Parcel RI - PO 0111169

Project No: 889

Figure

## Material Description

Brownish Yellow poorly graded sand with silt

## Atterberg Limits

PL= NP

LL= NV

PI= NP

## Coefficients

D<sub>90</sub>= 1.0262

D<sub>85</sub>= 0.7984

D<sub>60</sub>= 0.4715

D<sub>50</sub>= 0.4184

D<sub>30</sub>= 0.3246

D<sub>15</sub>= 0.2474

D<sub>10</sub>= 0.1924

C<sub>u</sub>= 2.45

C<sub>c</sub>= 1.16

## Classification

USCS= SP-SM

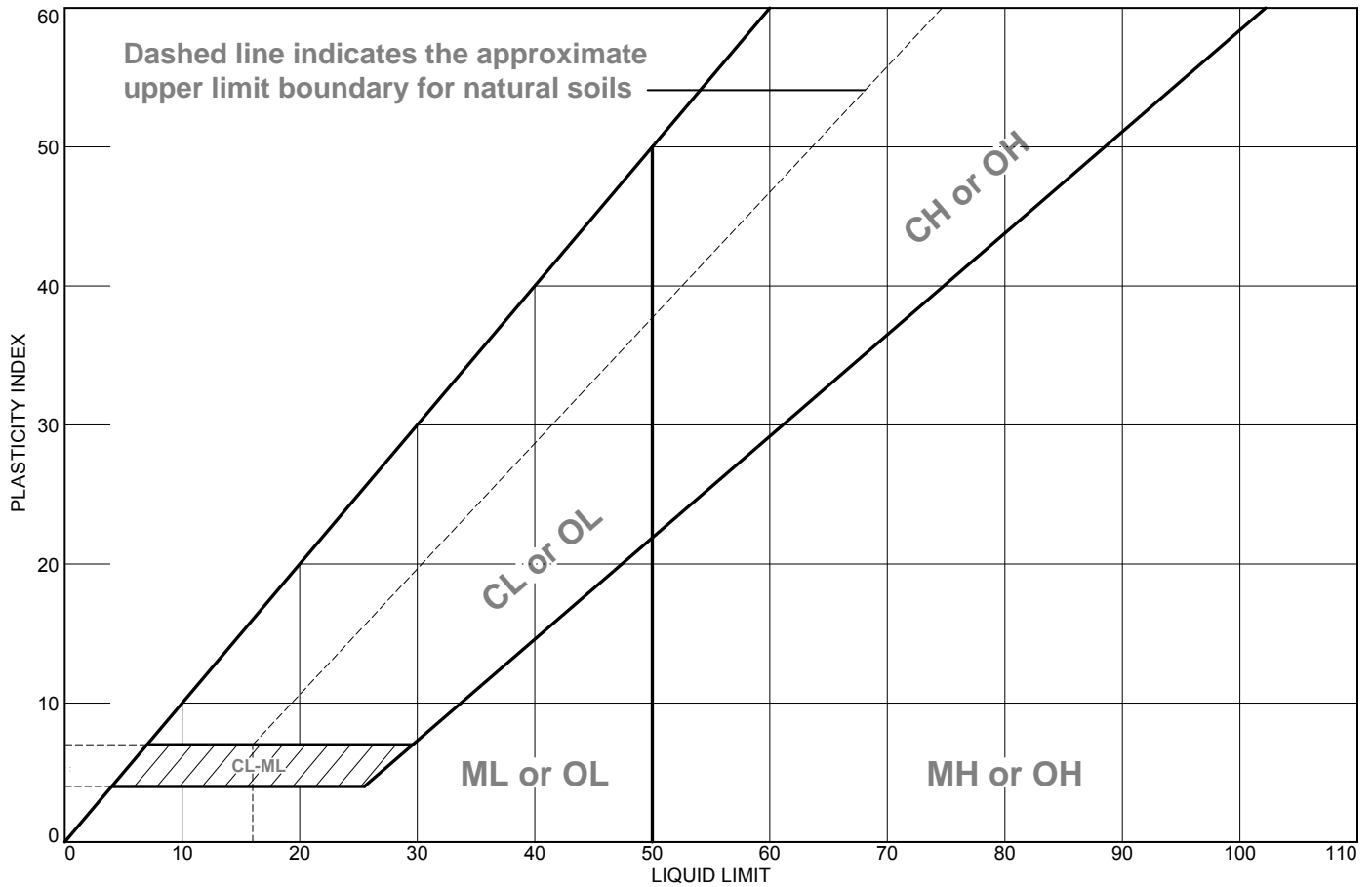
AASHTO= A-3

## Remarks

Tested By: EE

Checked By: KP

# LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Brownish Yellow poorly graded sand with silt	NV	NP	NP	51.3	7.3	SP-SM

<b>Project No.</b> 889 <b>Client:</b> Alliance Technical Group <b>Project:</b> P5367 - Ft Meade Tipton Airfield Parcel RI - PO 0111169 <b>Location:</b> TAPFTA-SB01I-4-.5-121924-00-T1	<b>Remarks:</b> ●12-28-24
<b>RSA Geolab</b> <b>Union, New Jersey</b>	<b>Figure</b>

Tested By: JK \_\_\_\_\_ Checked By: KP \_\_\_\_\_



1017 Greeley Ave N  
Union, NJ 07083  
908-964-0786  
www.RSAGeolab.com

DENSITY TEST  
ASTM D7263

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169  
Order ID: P5367  
Client: Alliance Technical Group

**L#24-3955**  
Project #: 889  
Date: 12/26/2024

Sample	Height (in)	Dry Weight (gms)	Unit Weight at S-1 (pcf)
TAPFTA-SB01I-4-.5-121924-00-T1	2.88	338.54	116.35

Remarks: 1. Jar samples. Unable to take exact measurements. Data may not be representative of the in-situ conditions.  
2. S-1 = Assumed 100% Saturation.  
3. Specific Gravity Assumed.

Tested by: VS

Entered by: KH

Checked by: KP

<b>Weston COC ID</b>
Weston_20241219_1530_R

## Chain of Custody Record/Lab Work Request

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

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

<b>Project Name:</b>	Fort Meade RI			<b>Project POC:</b>	Nathan Fretz		
<b>PO Number</b>	0111169			<b>Phone:</b>	484-524-5665		
<b>W.O. #:</b>				<b>POC e-mail:</b>	nathan.fretz@westonsolutions.com		
<b>Lab:</b>	CHEMTECH-RSA Geolab			<b>Lab POC:</b>	Jordan Hedvat		
<b>TAT (days):</b>	21			<b>Lab Phone:</b>	908-728-3144		
<b>Lab Address:</b>	284 Sheffield Street Mountainside, NJ 07092						
<b>Analyses Requested:</b>	Atterberg & plasticity by ASTM D4318	Bulk density by ASTM D6863	Grain size by ASTM D6913-D7928				
<b>Container Type:</b>	Glass	Glass	Glass				
<b>Container Size:</b>	8 oz	8 oz	8 oz				
<b>Preservative:</b>	Ice to 0-6	Ice to 0-6	Ice to 0-6				

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

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	Special Instructions/Comments									
1	TAPFTA-SB01I-4.5-121924-00-T1	g	SB	6	no	12/19/2024	13:00	X	X	X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

<b>Shipping Airbill Number(s):</b>						<b>Cooler Number:</b> 1 of 1	
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments	
1.) <i>Sam H. H.</i>	12/19/24	1800	<i>CD</i>	12-20-24	9:49	SAMPLES TO BE ANALYZED BY RSA GEOLAB QSM 6.0 Compliant	
2.)						Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD	
3.)							