

## **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 : P5024**

**ATTENTION : Nathan Fretz**



## Cover Page

**Order ID :** P5024

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

**Client :** Weston Solutions

**Lab Sample Number**

P5024-01

**Client Sample Number**

TAPIAL2-SB02D-13-112424-00-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 :

N. N. Pandya

**APPROVED**

By Nimisha Pandya, QA/QC Supervisor at 8:52 am, Dec 12, 2024

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: 12-5-24

Job No.: 889

Lab Log: 24-3908

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

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: P5024 – Ft Meade Tipton Airfield Parcel RI – PO 0111169

Sample(s) ID: **TAPIAL2-SB02D-13-112424-00-T1**

Dear Yazmeen,

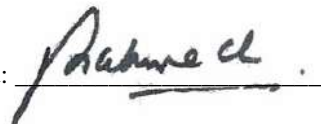
Please find attached results for the samples referenced above. The following lab testing was performed:

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

Regards,  
RSA Geolab, LLC

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

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

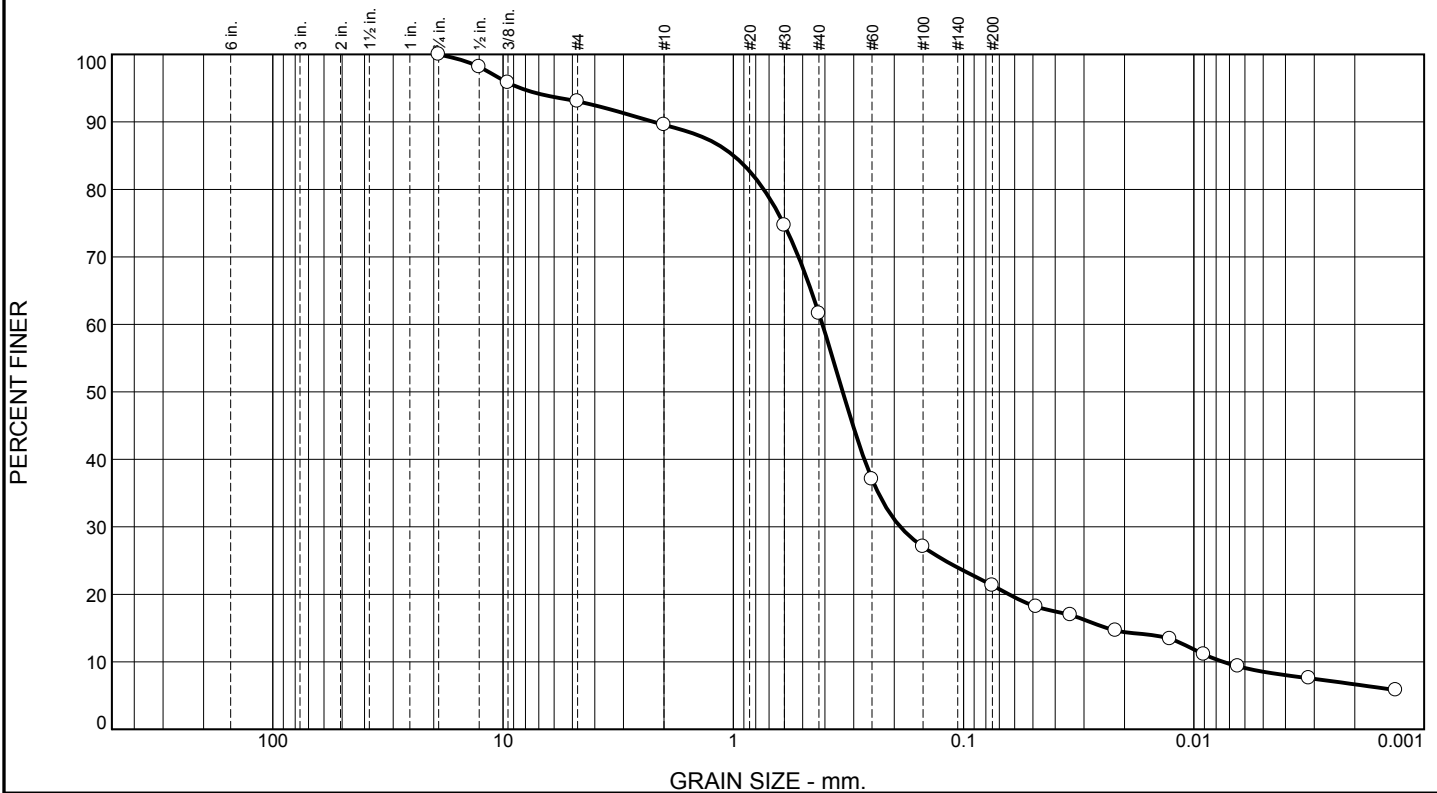
  
Dr. Raza S. Ahmed  
President RSA Geolab, LLC

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# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	7.0	3.4	28.0	40.3	12.8	8.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75	100.0		
.5	98.2		
.375	95.8		
#4	93.0		
#10	89.6		
#30	74.7		
#40	61.6		
#60	37.1		
#100	27.0		
#200	21.3		

\* (no specification provided)

Material Description		
Strong Brown silty sand		
<b>Atterberg Limits</b>		
PL= NP	LL= NV	PI= NP
<b>Coefficients</b>		
D <sub>90</sub> = 2.2224	D <sub>85</sub> = 0.9969	D <sub>60</sub> = 0.4105
D <sub>50</sub> = 0.3350	D <sub>30</sub> = 0.1883	D <sub>15</sub> = 0.0239
D <sub>10</sub> = 0.0075	C <sub>u</sub> = 54.91	C <sub>c</sub> = 11.56
<b>Classification</b>		
USCS= SM	AASHTO=	A-2-4(0)
<b>Remarks</b>		

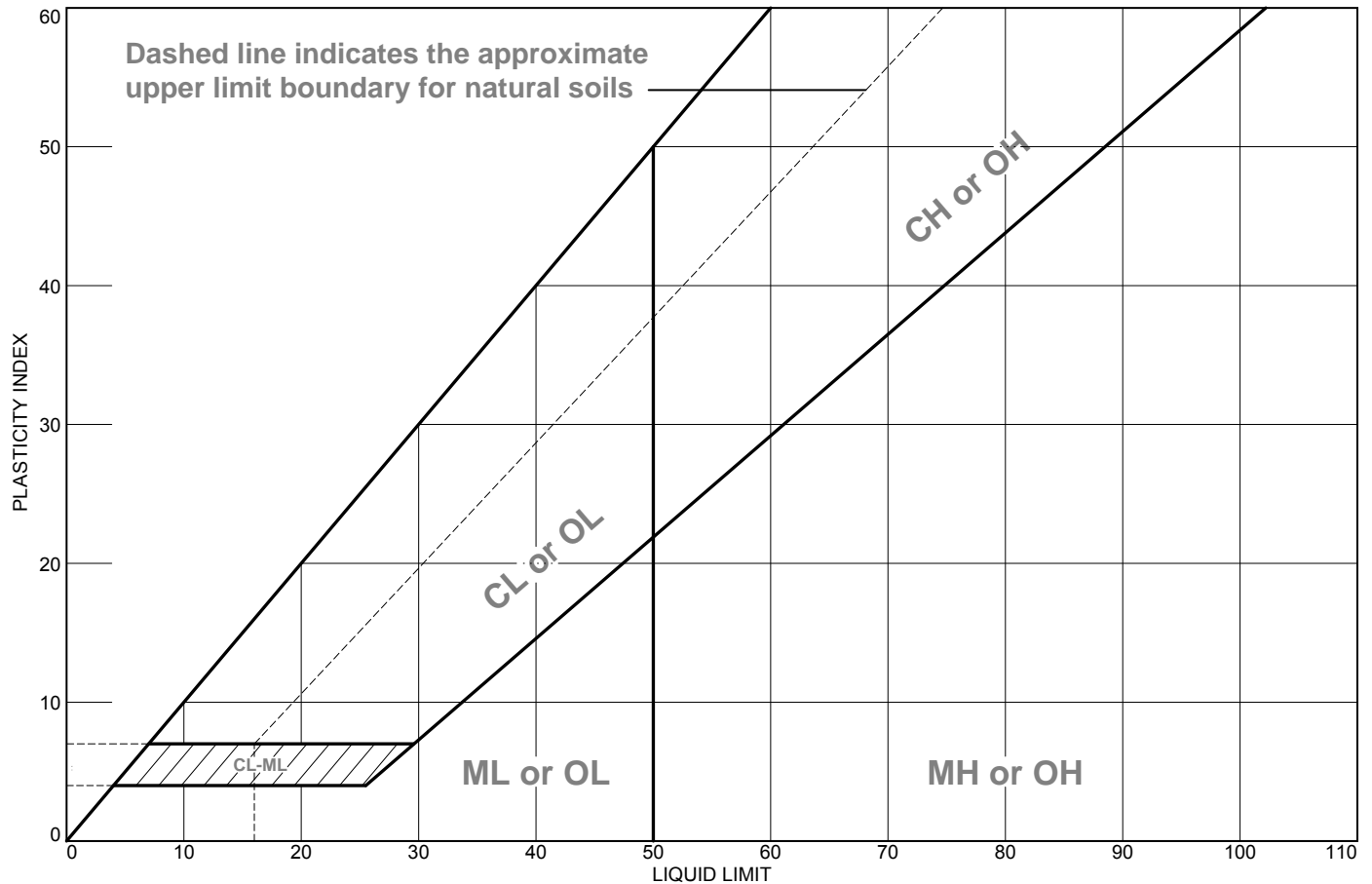
Location: TAPIAL2-SB02D-13-112424-00-T1

Date: 12-5-24

<b>RSA Geolab</b>  <b>Union, New Jersey</b>	<b>Client:</b> Alliance Technical Group <b>Project:</b> P5024 - Ft Meade Tipton Airfield Parcel RI - PO 0111169
	<b>Project No:</b> 889 <b>Figure</b>

Tested By: JK Checked By: KP

# LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Strong Brown silty sand	NV	NP	NP	61.6	21.3	SM

<b>Project No.</b> 889 <b>Client:</b> Alliance Technical Group <b>Project:</b> P5024 - Ft Meade Tipton Airfield Parcel RI - PO 0111169 <b>Location:</b> TAPIAL2-SB02D-13-112424-00-T1	<b>Remarks:</b> ●12-5-24
<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: P5024  
Client: Alliance Technical Group

**L#24-3908**  
Project #: 889  
Date: 12/4/2024

Sample	Height (in)	Dry Weight (gms)	Unit Weight at S-1 (pcf)
1 TAPIAL2-SB02D-13-112424-00-T1	3.26	361.94	111.23

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

P5024



Weston COC ID
Weston_20241128_1528

# Chain of Custody Record/Lab Work Request

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-RSA Geolab	Lab POC:	Jordan Hedvat
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	284 Sheffield Street Mountainside, NJ 07092		

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

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

Analyses Requested:	Atterberg & plasticity by ASTM D4318	Bulk density by ASTM D6683	Grain size by ASTM D6913+D7928															
	Container Type:	Glass	Glass	Glass														
	Container Size:	8 oz	8 oz	8 oz														
	Preservative:	Ice to 0-6	Ice to 0-6	Ice to 0-6														

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected												Special Instructions/Comments
1	TAPIAL2-SB02D-13-112424-00-T1	g	SB	4	no	11/24/2024	16:30	X	X	X									2 gal bag = container type for Bulk density & grain size analyses
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Shipping Airbill Number(s): 77026101180						Cooler Number: 1 of 1		
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments		
1.) [Signature]	11/26/24	1600	[Signature]	11-27-24	10:05	*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.)								

77026101180 3.4.0