

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 : _____

Date: 12/11/2024

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,

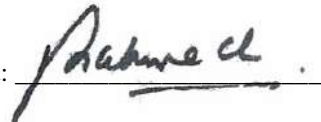
Please find attached results for the samples referenced above. The following lab testing was performed:

- 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: _____

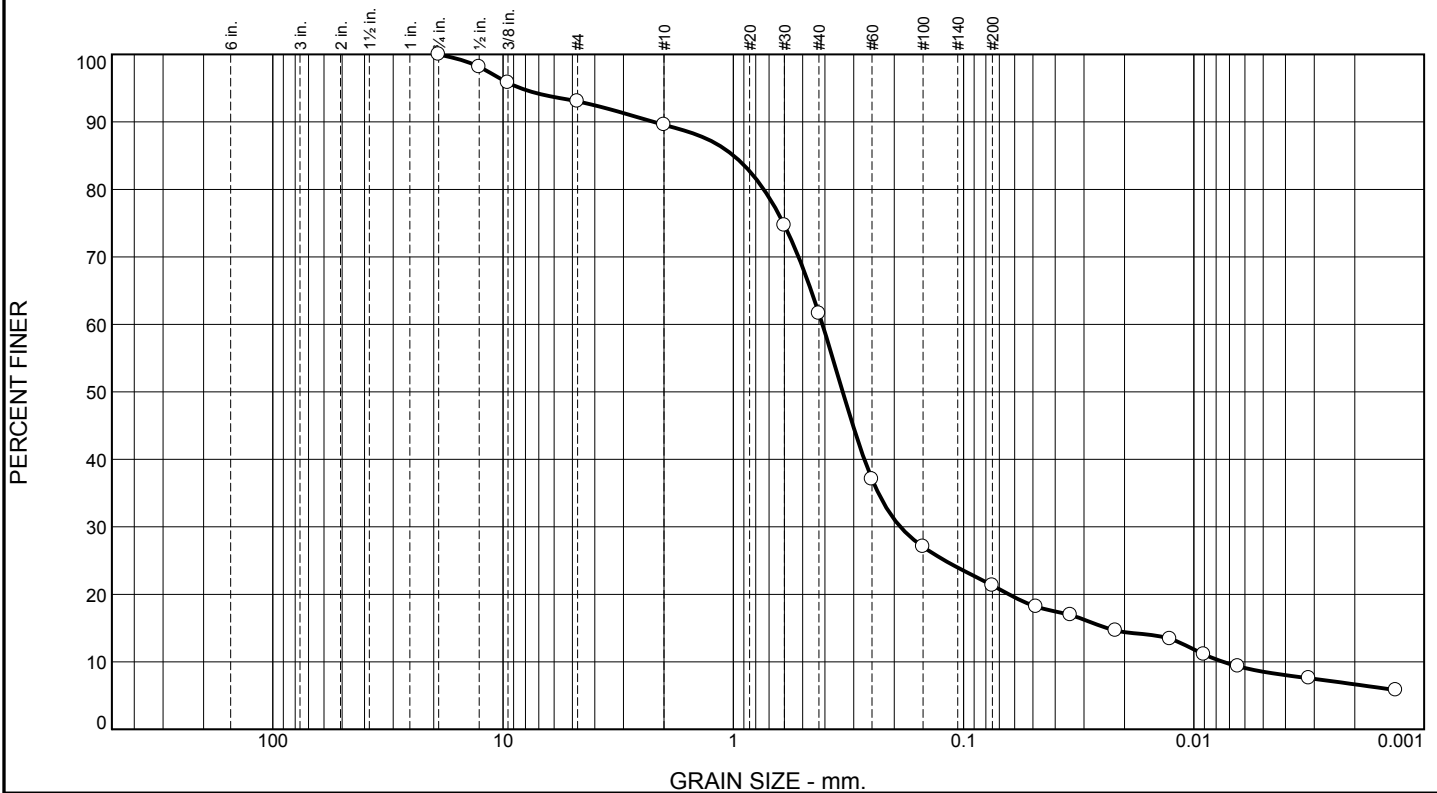

Dr. Raza S. Ahmed
President RSA Geolab, LLC

<https://www.rsageolab.com/>
email: rsa@rsageolab.com

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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		
PL= NP	Atterberg Limits LL= NV	PI= NP
Coefficients		
D ₉₀ = 2.2224	D ₈₅ = 0.9969	D ₆₀ = 0.4105
D ₅₀ = 0.3350	D ₃₀ = 0.1883	D ₁₅ = 0.0239
D ₁₀ = 0.0075	C _u = 54.91	C _c = 11.56
Classification		
USCS= SM	AASHTO=	A-2-4(0)
Remarks		

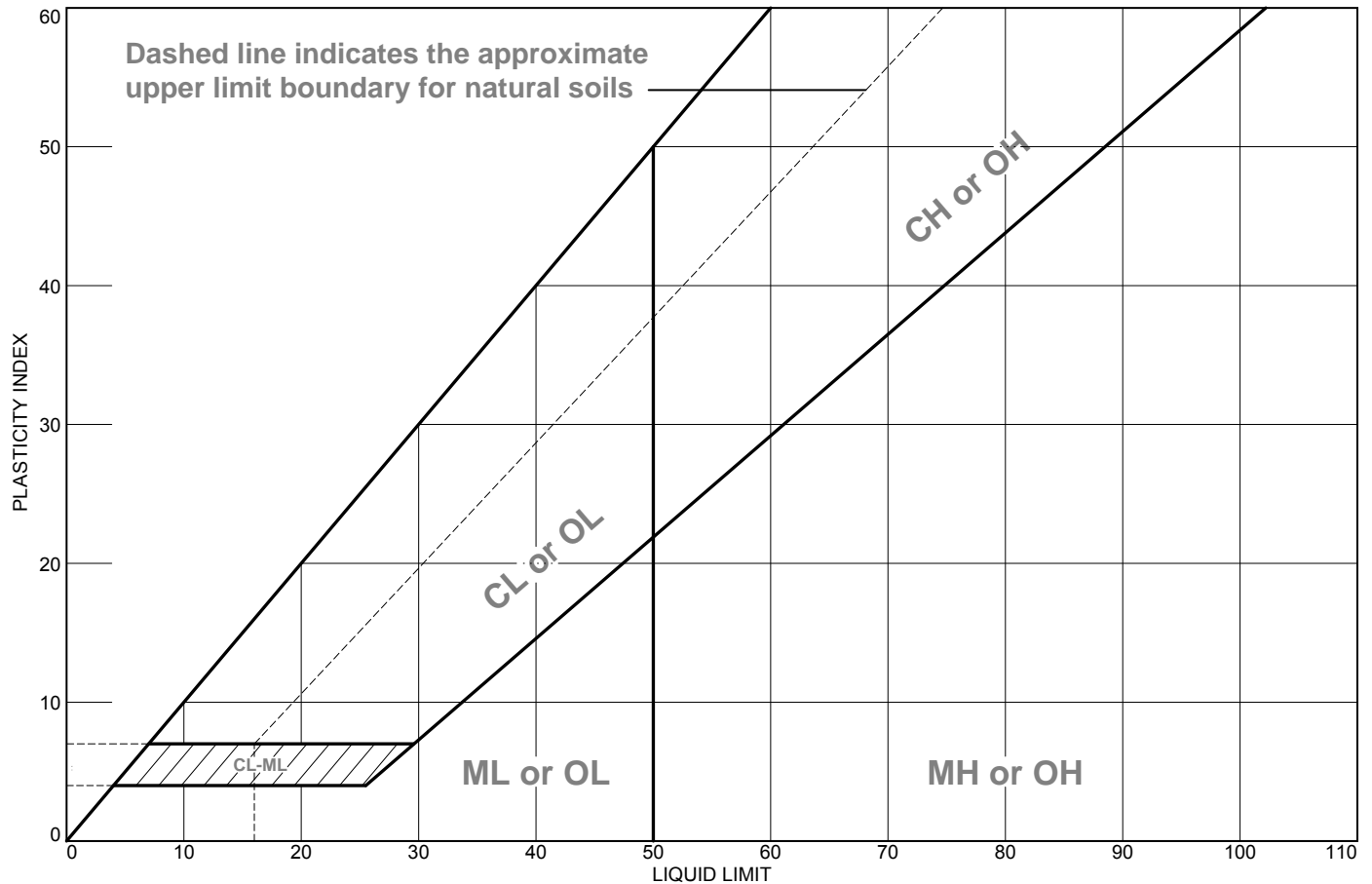
Location: TAPIAL2-SB02D-13-112424-00-T1

Date: 12-5-24

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

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

Project No. 889 Client: Alliance Technical Group Project: P5024 - Ft Meade Tipton Airfield Parcel RI - PO 0111169 Location: TAPIAL2-SB02D-13-112424-00-T1	Remarks: ●12-5-24
RSA Geolab Union, New Jersey	Figure

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)
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_20241126_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.)								