

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 : P5238

ATTENTION : Nathan Fretz



Cover Page

Order ID : P5238

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

Client : Weston Solutions

Lab Sample Number

P5238-01

Client Sample Number

TAPIAL3-SB03D-3-120724-00-T01

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 10:56 am, Dec 18, 2024

Date: 12/17/2024

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: 12-17-24

Job No.: 889

Lab Log: 24-3935

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

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: P5238 – Ft Meade Tipton Airfield Parcel RI – PO 0111169

Sample(s) ID: **TAPIAL3-SB03D-3-120724-00-T01**

Dear Yazmeen,

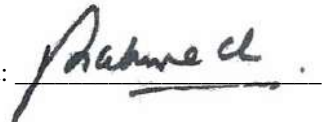
Please find attached results for the samples referenced above. The following lab testing was performed:

- ASTM D7263 Density
- ASTM D4318 Atterberg Limits
- ASTM D422 Sieve & Hydrometer Analysis

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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DENSITY TEST
ASTM D7263

Project: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Order ID: P5238
Client: Alliance Technical Group

L#24-3935
Project #: 889
Date: 12/17/2024

1	Sample	Height (in)	Dry Weight (gms)	Unit Weight at S-1 (pcf)
	TAPIAL3-SB03D-3-120724-00-T01	2.74	259.70	105.81

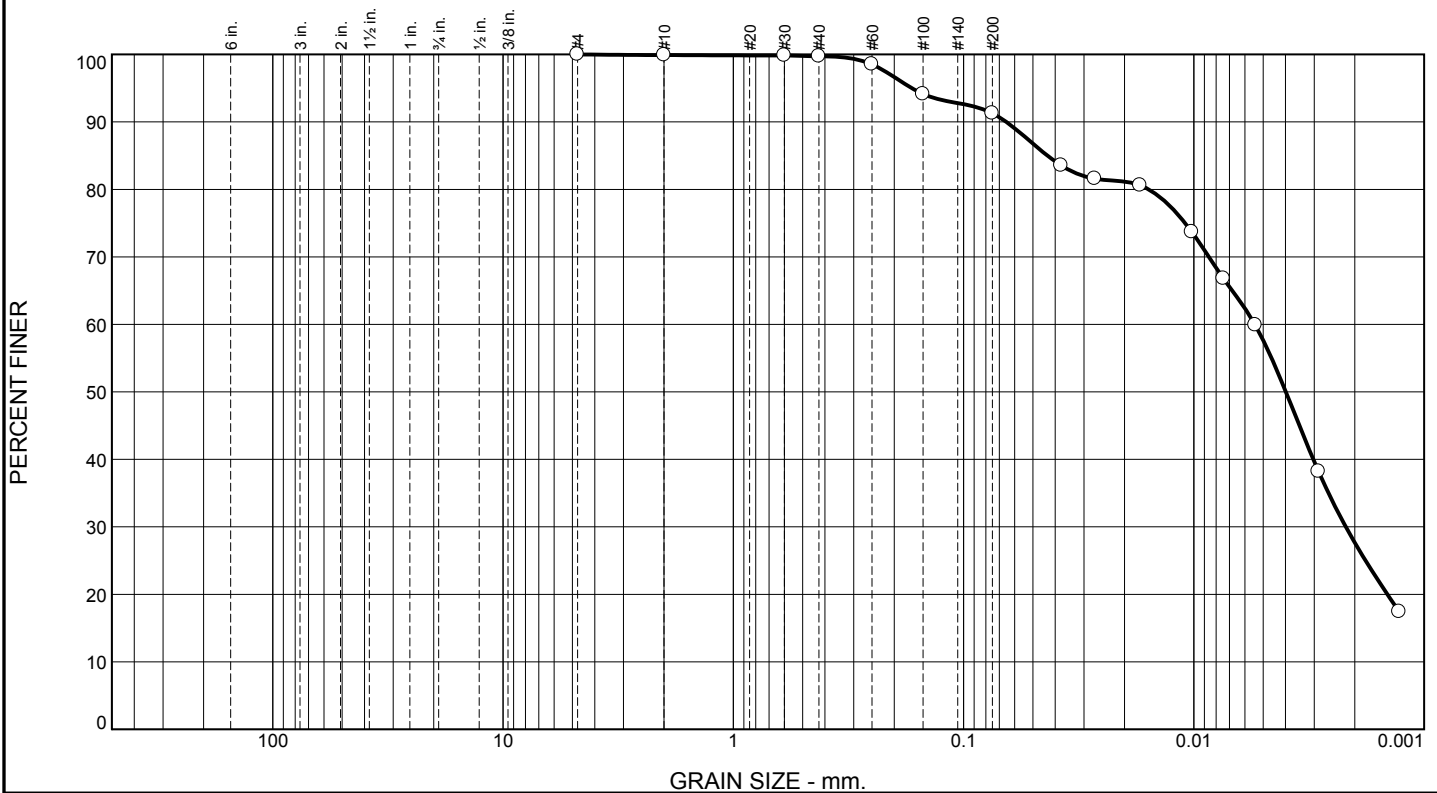
Remarks: 1. Jar samples. Unable to take exact measurements. Data may not be representative of the in-situ conditions.
2. S-1 = Assumed 100% Saturation.
3. Specific Gravity Assumed.

Tested by: VS

Entered by: KH

Checked by: KP

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	0.2	8.4	33.6	57.7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.9		
#30	99.8		
#40	99.7		
#60	98.5		
#100	94.1		
#200	91.3		

* (no specification provided)

Location: TAPIAL3-SB03D-3-120724-00-T01

Material Description
 Yellow lean clay

Atterberg Limits
 PL= 22 LL= 47 PI= 25

Coefficients
 D₉₀= 0.0653 D₈₅= 0.0432 D₆₀= 0.0054
 D₅₀= 0.0040 D₃₀= 0.0022 D₁₅=
 D₁₀= C_u= C_c=

Classification
 USCS= CL AASHTO= A-7-6(25)

Remarks

Date:

RSA Geolab

Union, New Jersey

Client: Alliance Technical Group

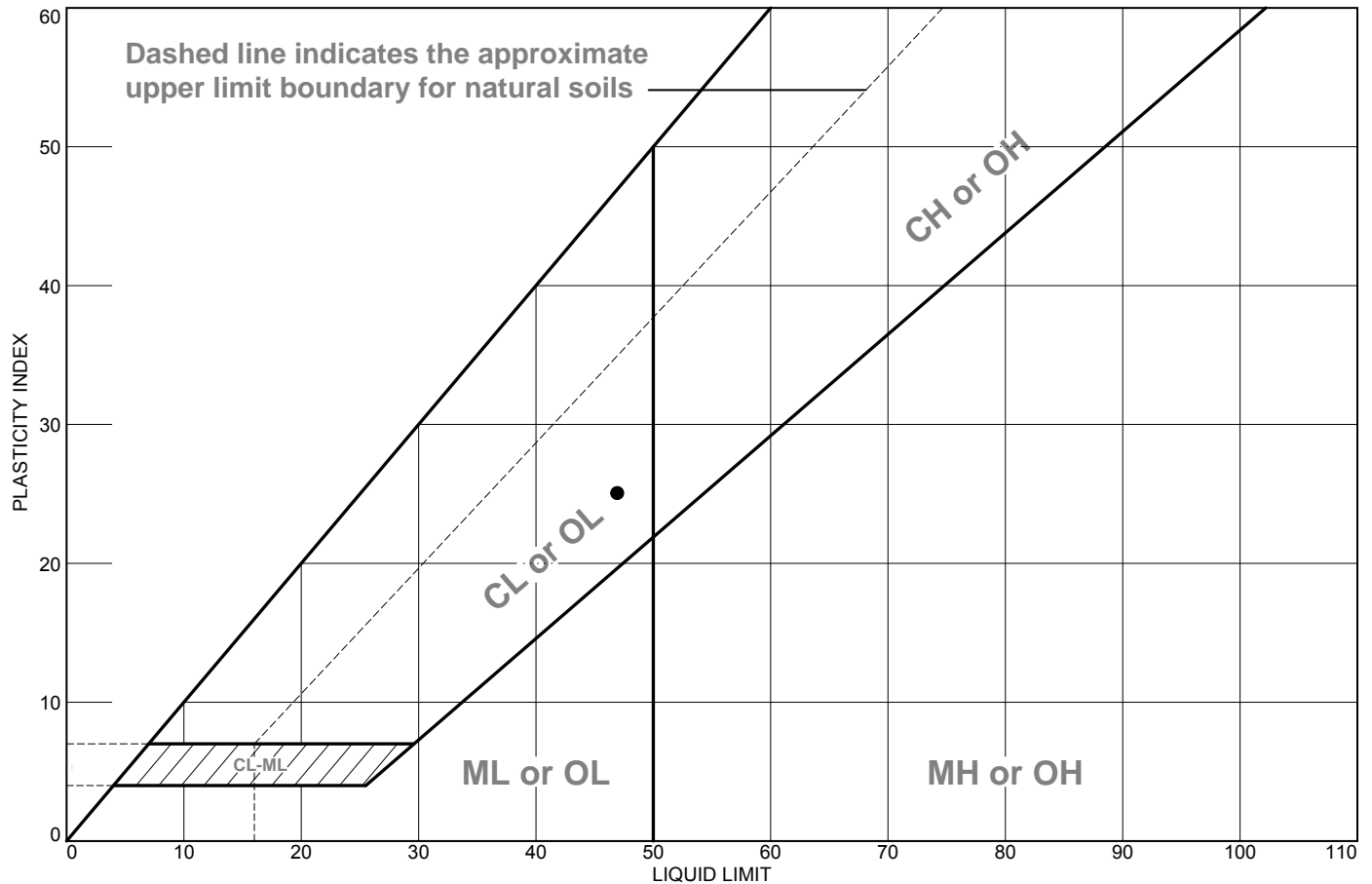
Project: P5238 - Ft Meade Tipton Airfield Parcel RI - PO 0111169

Project No: 889

Figure

Tested By: EE Checked By: KP

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Yellow lean clay	47	22	25	99.7	91.3	CL

Project No. 889 **Client:** Alliance Technical Group

Project: P5238 - Ft Meade Tipton Airfield Parcel RI - PO 0111169

● **Location:** TAPIAL3-SB03D-3-120724-00-T01

Remarks:

● 12-17-24

RSA Geolab

Union, New Jersey

Figure

Tested By: EE **Checked By:** KP

P5238



Weston COC ID
Weston_20241209_1435_R

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		

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

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						
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				

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	TAPIAL3-SB03D-3-120724-00-T01	g	SB	6	no	12/7/2024	14:15	X	X	X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Shipping Airbill Number(s):						Cooler Number:		1	of	1
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments				
1.) <i>Samuel...</i>	12/9/24	1800	<i>[Signature]</i>			SAMPLES TO BE ANALYZED BY RSA GEOLAB QSM 6.0 Compliant				
2.) FedEx	12/10/24	1003	<i>[Signature]</i>	12/10/24	1003	Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD				
3.)										