

## **DATA PACKAGE**

### **SUB - DATA**

**PROJECT NAME : 143 RED LION RD SOUTHAMPTON TWP, NJ**

**M2 ASSOCIATES**

**56 Country Acres Drive**

**Hampton, NJ - 08827**

**Phone No: 908-238-0827**

**ORDER ID : P4772**

**ATTENTION : Matt Mulhall**



## Cover Page

**Order ID :** P4772

**Project ID :** 143 Red Lion Rd Southampton Twp, NJ

**Client :** M2 Associates

**Lab Sample Number**

P4772-01  
P4772-02

**Client Sample Number**

P-1  
P-2

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: 11/18/2024

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: 11-12-24

Job No.: 889

Lab Log: 24-3877

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

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: P4772 – 143 Red Lion Rd Southampton, NJ

Sample(s) ID: **P-1, P-2**

Dear Yazmeen,

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

- ASTM D422 Sieve Analysis

Regards,  
RSA Geolab, LLC

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

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

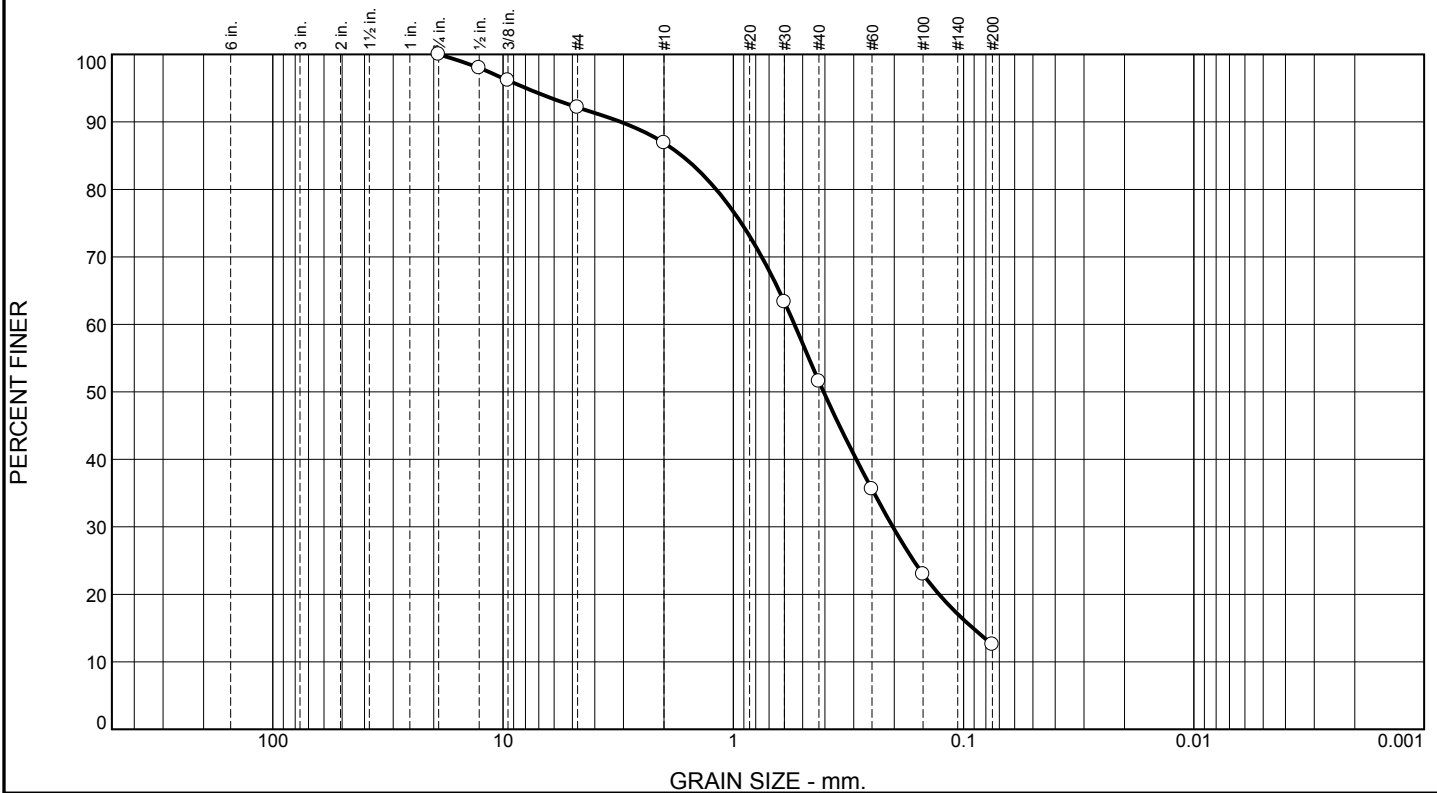
Dr. Raza S. Ahmed  
President RSA Geolab, LLC

<https://www.rsageolab.com/>  
email: [rsa@rsageolab.com](mailto: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	7.9	5.2	35.4	38.9	12.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75	100.0		
.5	98.0		
.375	96.2		
#4	92.1		
#10	86.9		
#30	63.3		
#40	51.5		
#60	35.6		
#100	23.0		
#200	12.6		

\* (no specification provided)

**Material Description**

Yellowish Brown

**Atterberg Limits**

PL=      LL=      PI=

**Coefficients**

D<sub>90</sub>= 3.0834      D<sub>85</sub>= 1.6740      D<sub>60</sub>= 0.5431  
D<sub>50</sub>= 0.4056      D<sub>30</sub>= 0.2029      D<sub>15</sub>= 0.0911  
D<sub>10</sub>=      C<sub>u</sub>=      C<sub>c</sub>=

**Classification**

USCS=      AASHTO=

**Remarks**

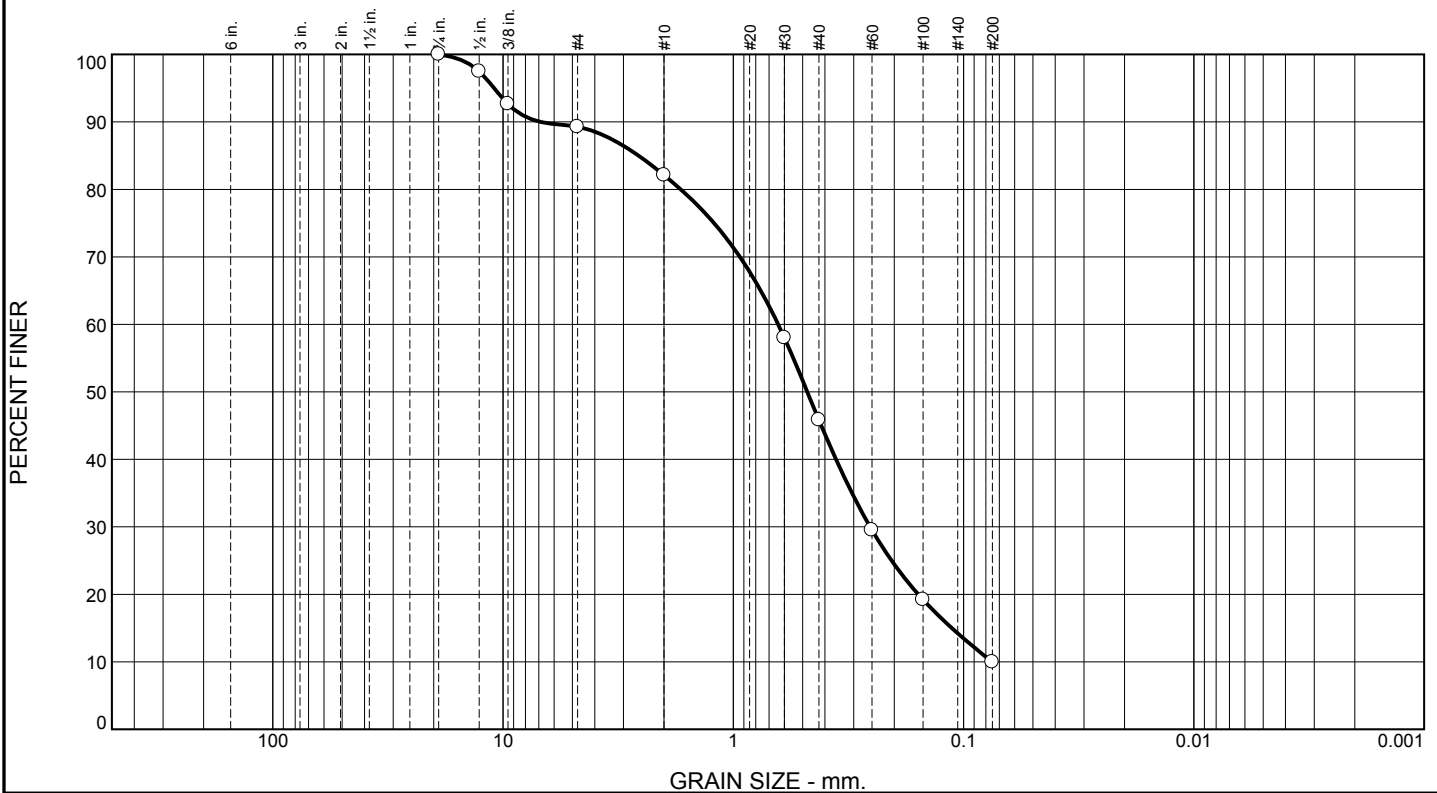
Sample Number: P-1

Date: 11-12-24

<b>RSA Geolab</b>  <b>Union, New Jersey</b>	<b>Client:</b> Alliance Technical Group <b>Project:</b> P4772 - 143 Red Lion Rd Southampton Twp, NJ
	<b>Project No:</b> 889 <b>Figure</b>

Tested By: EE      Checked By: KP

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	10.7	7.2	36.3	35.9	9.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75	100.0		
.5	97.5		
.375	92.6		
#4	89.3		
#10	82.1		
#30	58.0		
#40	45.8		
#60	29.5		
#100	19.2		
#200	9.9		

\* (no specification provided)

**Material Description**  
Yellowish Brown

**Atterberg Limits**  
 PL=                      LL=                      PI=

**Coefficients**  
 D<sub>90</sub>= 6.8792      D<sub>85</sub>= 2.5809      D<sub>60</sub>= 0.6388  
 D<sub>50</sub>= 0.4775      D<sub>30</sub>= 0.2548      D<sub>15</sub>= 0.1125  
 D<sub>10</sub>= 0.0753      C<sub>u</sub>= 8.48      C<sub>c</sub>= 1.35

**Classification**  
 USCS=                      AASHTO=

**Remarks**

Sample Number: P-2

Date: 11-12-24

<b>RSA Geolab</b>  <b>Union, New Jersey</b>	<b>Client:</b> Alliance Technical Group <b>Project:</b> P4772 - 143 Red Lion Rd Southampton Twp, NJ
	<b>Project No:</b> 889 <b>Figure</b>

Tested By: EE                      Checked By: KP

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 • Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P4771/72

2042269

### CLIENT INFORMATION

COMPANY: MZ Associates Inc  
ADDRESS: 56 County Acres Dr.  
CITY: Hampton STATE: NJ ZIP: 08827  
ATTENTION: Matt McHall  
PHONE: 908-238-0827 FAX: 908-238-0830

### CLIENT PROJECT INFORMATION

PROJECT NAME: 143 Red Lion Rd  
PROJECT NO.:                      LOCATION: Vineland  
PROJECT MANAGER: Matt McHall  
e-mail: mz-gw@comcast.net  
PHONE: 908-238-0827 FAX: 908-238-0830

### CLIENT BILLING INFORMATION

BILL TO: Same PO#:                       
ADDRESS:                       
CITY:                      STATE:                      ZIP:                       
ATTENTION:                      PHONE:                     

### DATA TURNAROUND INFORMATION

FAX (RUSH)                      DAYS\*  
HARDCOPY (DATA PACKAGE)                      DAYS\*  
EDD:                      DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other                       
☒ EDD FORMAT NJ HERS-K

1 VOL-TLW0A-10  
2 TELP VOA  
3 TELP BNA  
4 Corrosion Herbicide  
5 SVOC-TEL BNA  
6 PCB-Pesticide  
7 Cyanide, Mercury, Nickel, Lead  
8 Paints, Ink, TPH  
9 TELP 240 Extract  
Gran Size

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E		
1.	P1	Soil	A		11/7/14	12:55	10	X	X	X	X	X	X	X	X	X		
2.	P2	Soil	X		11/7/14	13:35	10	X	X	X	X	X	X	X	X	X		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>11/7/14 15:00</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.1</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u>                    </u>	RECEIVED BY: 2. <u>                    </u>	Comments: <u>                    </u>
RELINQUISHED BY SAMPLER: 3. <u>                    </u>	DATE/TIME: <u>                    </u>	RECEIVED BY: 3. <u>                    </u>	Comments: <u>                    </u>

Page        of       

CLIENT: ☐ Hand Delivered ☐ Other                       
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete  
☐ YES ☐ NO