

DATA PACKAGE

SUB DATA

PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q3421

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3421

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number

Q3421-01
Q3421-02
Q3421-03
Q3421-04
Q3421-05

Client Sample Number

PR-132-S16-015094-20251021
PR-132-S16-015094-20251021MS
PR-132-S16-015094-20251021MSD
PR132-S16-119133-20251021
PR132-S16-094119-20251021

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: 11/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



New Jersey
1012 Greeley Ave N
Union, NJ 07083
908-964-0786

South Carolina
49 Browns Cove Road, Suite 6
Ridgeland, SC 29936
843-816-9950

Letter of Transmittal

Date: 11-3-25

Job No.: 937

Lab Log: 25-4709

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

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: Q3421 – AE1-CTY 3.2.Z-PR-DOCK-Des-ODC – 6069795-1719206

Sample(s) ID: **PR132-S16-015094-20251021 to PR132-S16-094119-20251021**

Dear Yazmeen,

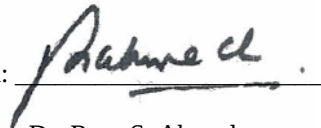
Please find attached results for the samples referenced above. The following lab testing was performed:

- ASTM D422 Sieve & Hydrometer Analysis

Regards,
RSA Geolab, LLC

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

Signed: _____

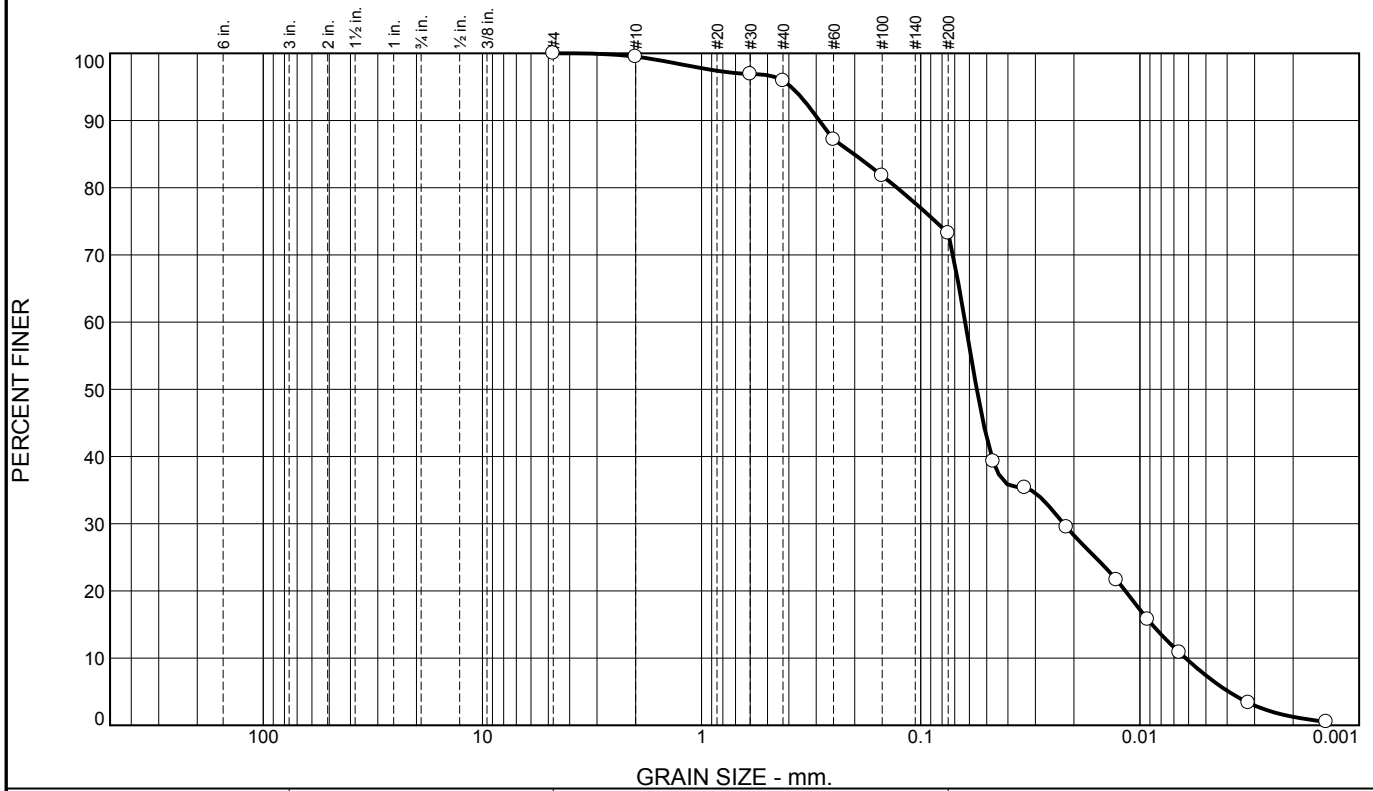

Dr. Raza S. Ahmed
President RSA Geolab, LLC

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Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.5	3.6	22.7	65.8	7.4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.5		
#30	96.9		
#40	95.9		
#60	87.2		
#100	81.8		
#200	73.2		

* (no specification provided)

Location: PR132-S16-015094-20251021

Date: 11-3-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3425 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

Material Description
Very Dark Gray

Atterberg Limits
 PL= LL= PI=

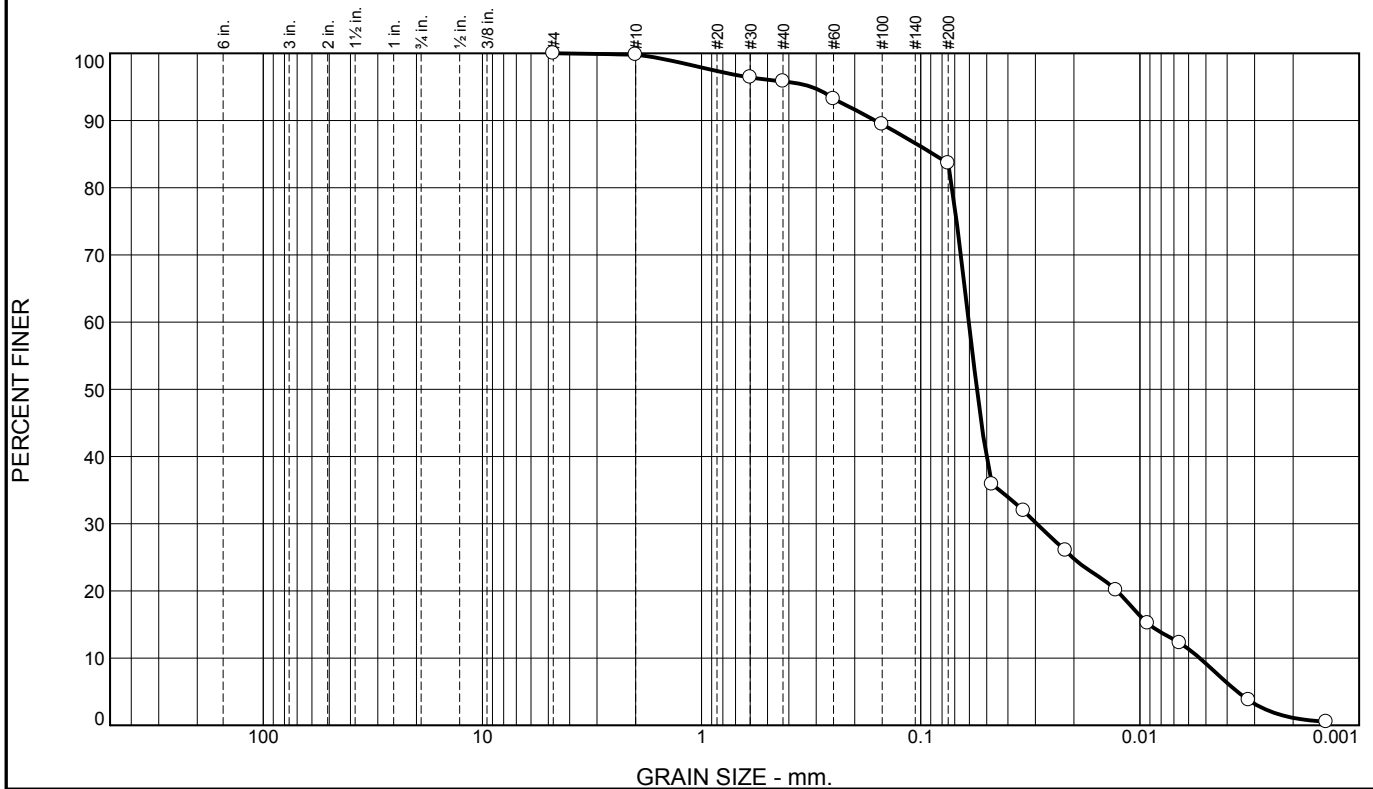
Coefficients
 D₉₀= 0.2903 D₈₅= 0.2018 D₆₀= 0.0627
 D₅₀= 0.0555 D₃₀= 0.0223 D₁₅= 0.0088
 D₁₀= 0.0062 C_u= 10.13 C_c= 1.28

Classification
 USCS= AASHTO=

Remarks
odorous

Tested By: OH Checked By: KH

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.2	4.0	12.2	74.4	9.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.8		
#30	96.4		
#40	95.8		
#60	93.2		
#100	89.4		
#200	83.6		

* (no specification provided)

Location: PR132-S16-119133-20251021

Date: 11-3-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3425 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

Material Description
Very Dark Gray

Atterberg Limits
 PL= LL= PI=

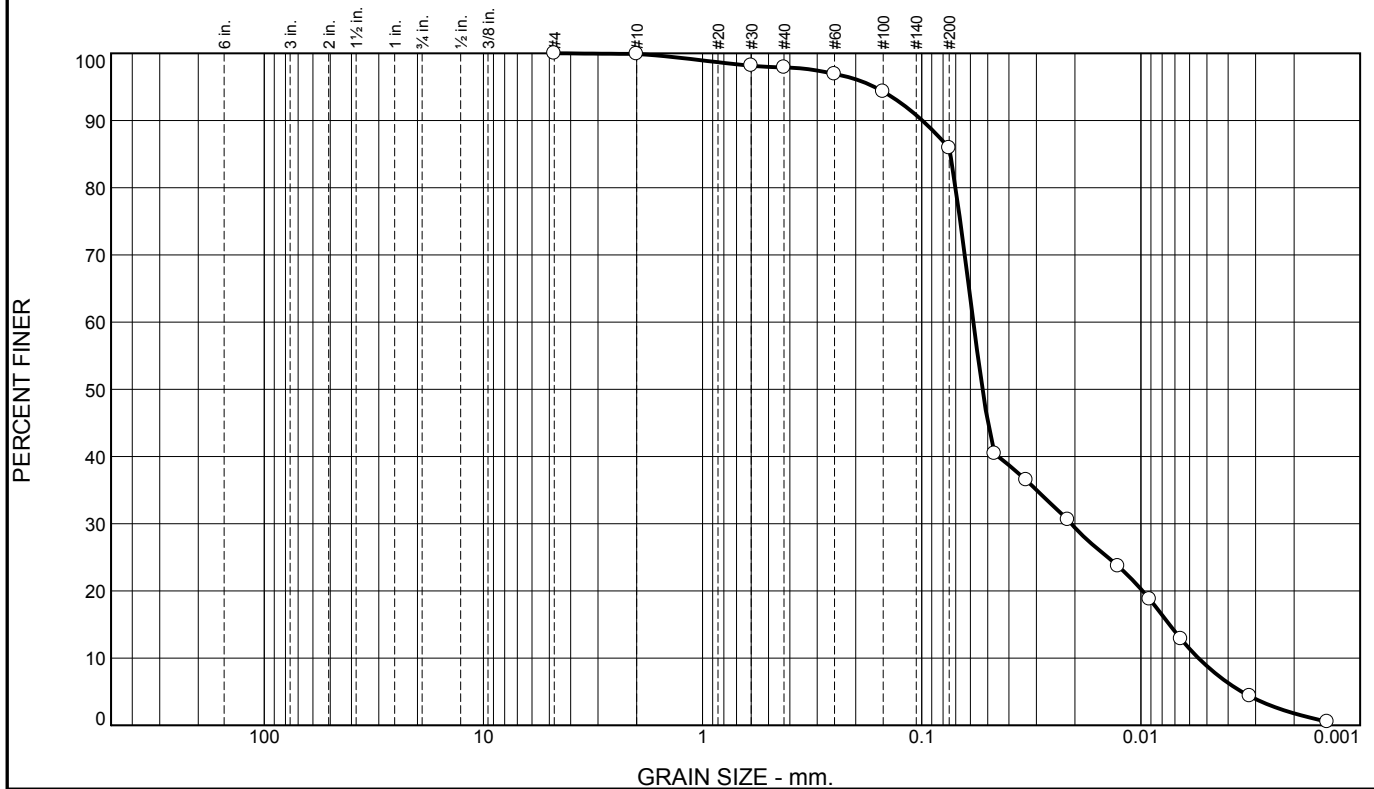
Coefficients
 D₉₀= 0.1616 D₈₅= 0.0877 D₆₀= 0.0604
 D₅₀= 0.0555 D₃₀= 0.0296 D₁₅= 0.0091
 D₁₀= 0.0053 C_u= 11.31 C_c= 2.72

Classification
 USCS= AASHTO=

Remarks
odorous

Tested By: OH Checked By: KH

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	2.0	12.0	77.1	8.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.9		
#30	98.2		
#40	97.9		
#60	96.9		
#100	94.3		
#200	85.9		

* (no specification provided)

Location: PR132-S16-094119-20251021

Date: 11-3-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3425 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

Material Description
Very Dark Gray

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.0995 D₈₅= 0.0742 D₆₀= 0.0582
 D₅₀= 0.0528 D₃₀= 0.0208 D₁₅= 0.0074
 D₁₀= 0.0055 C_u= 10.65 C_c= 1.36

Classification
 USCS= AASHTO=

Remarks
odorous

Tested By: OH Checked By: KH

