

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 : Q3379

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3379

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

Client : AECOM

Lab Sample Number

Q3379-01
Q3379-02
Q3379-03
Q3379-04
Q3379-05

Client Sample Number

PR132-S05-057082-20251016
PR132-DP01-20251016
PR132-COMP2-20251016
PR132-S12-047072-20251016
PR132-S12-020047-20251016

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 4:04 pm, Dec 02, 2025

Date: 11/7/2025

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: 11-4-25

Job No.: 937

Lab Log: 25-4690

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

CC: Jordan Hedvat, projectmanagers@chemtech.net

Re: Q3379 – AE1-CTY 3.2.Z-PR-DOCK-Des-ODC – 6069795-1

Sample(s) ID: **PR132-S02 thru PR132-S12** (10 Samples)

Dear Yazmeen,

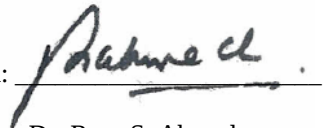
Please find attached results for the samples referenced above. The following lab testing was performed:

- ASTM D422 Sieve & Hydrometer Analysis

Regards,
RSA Geolab, LLC

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

Signed: _____

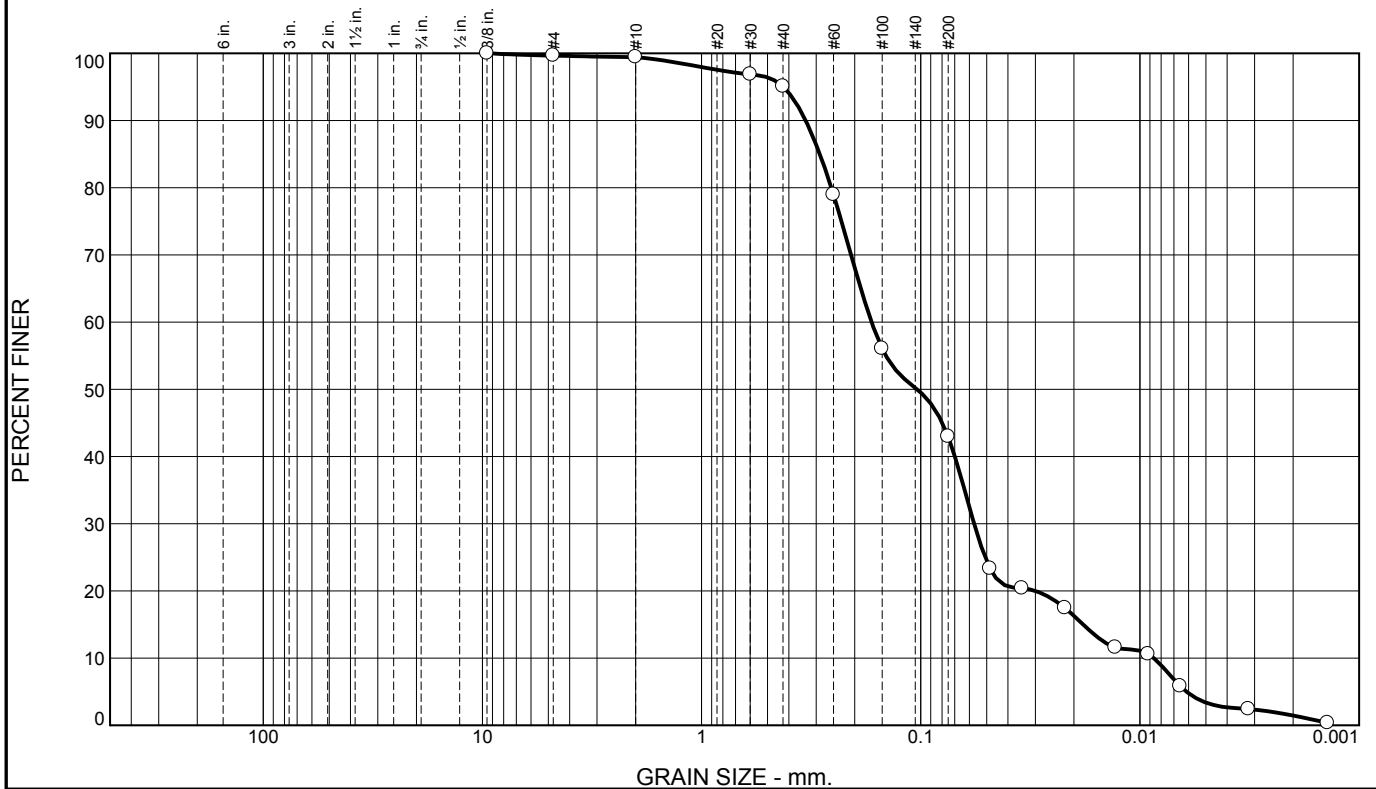

Dr. Raza S. Ahmed
President RSA Geolab, LLC

<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	0.3	0.3	4.3	52.1	39.6	3.4

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.7		
#10	99.4		
#30	96.8		
#40	95.1		
#60	78.9		
#100	56.1		
#200	43.0		

* (no specification provided)

Location: PR132-S12-020047-20251016

Date: 11-4-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3378 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

Material Description

Dark Gray

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.3352 D₈₅= 0.2888 D₆₀= 0.1676
 D₅₀= 0.1041 D₃₀= 0.0571 D₁₅= 0.0182
 D₁₀= 0.0086 C_u= 19.40 C_c= 2.25

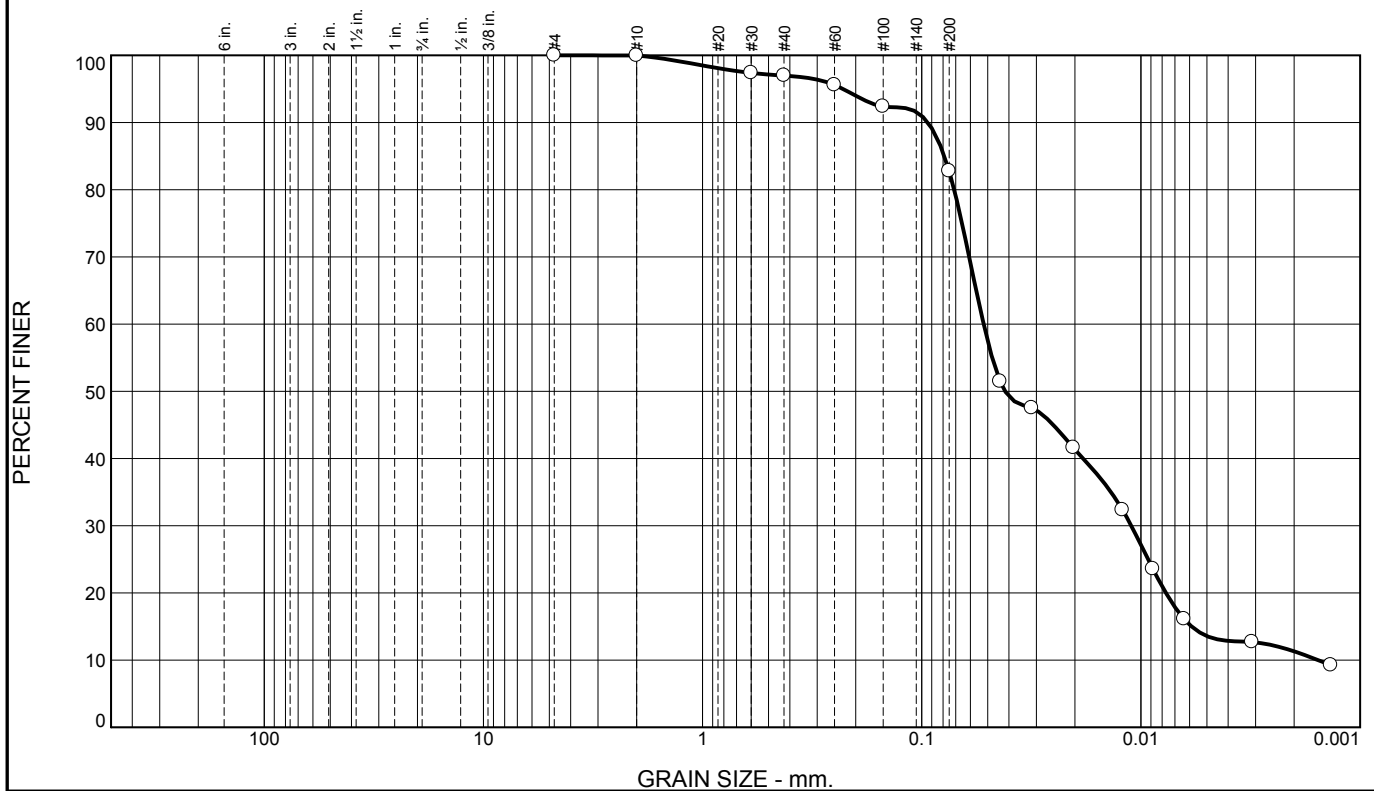
Classification

USCS= AASHTO=

Remarks

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	0.0	3.0	14.2	69.2	13.6

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#30	97.4		
#40	97.0		
#60	95.6		
#100	92.4		
#200	82.8		

* (no specification provided)

Material Description

Dark Gray

Atterberg Limits

PL= LL= PI=

Coefficients

D₉₀= 0.0938 D₈₅= 0.0788 D₆₀= 0.0522
D₅₀= 0.0416 D₃₀= 0.0111 D₁₅= 0.0059
D₁₀= 0.0016 C_u= 33.57 C_c= 1.51

Classification

USCS= AASHTO=

Remarks

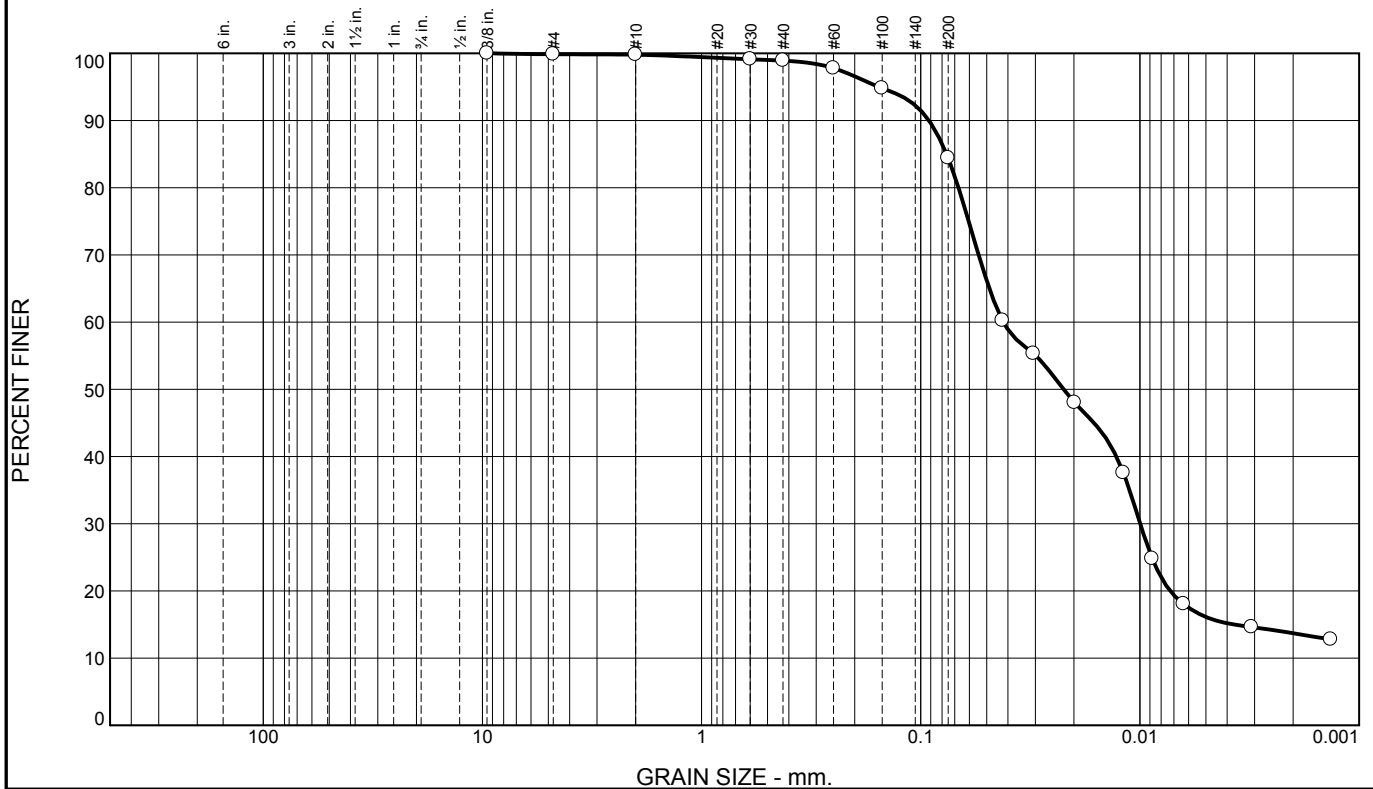
Location: PR132-S12-047072-20251016

Date: 11-4-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3378 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

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	0.1	0.1	0.9	14.5	68.3	16.1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.8		
#30	99.1		
#40	98.9		
#60	97.8		
#100	94.8		
#200	84.4		

* (no specification provided)

Material Description
 Dark Gray

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.0918 D₈₅= 0.0762 D₆₀= 0.0420
 D₅₀= 0.0223 D₃₀= 0.0100 D₁₅= 0.0037
 D₁₀= C_u= C_c=

Classification
 USCS= AASHTO=

Remarks

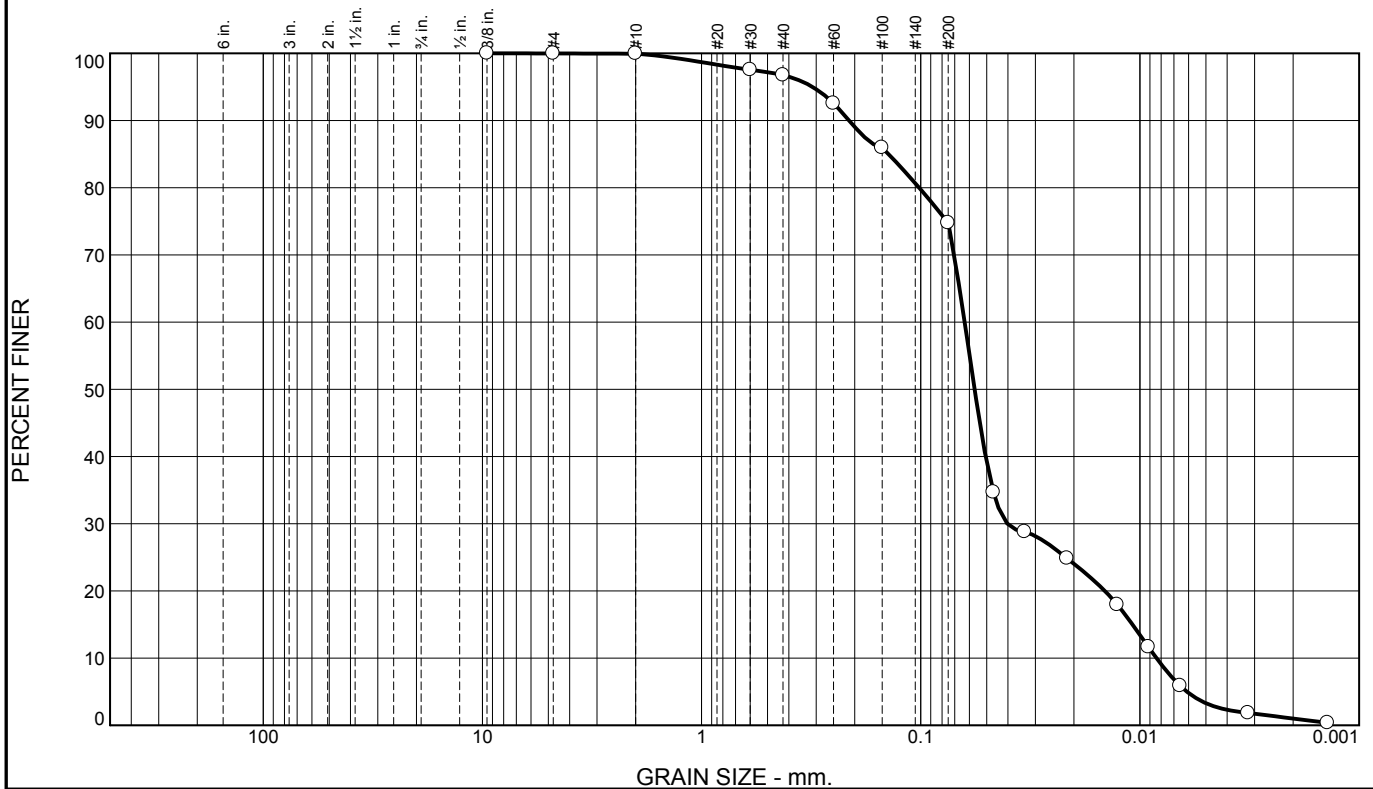
Location: PR132-COMP2-20251016

Date: 11-4-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3378 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

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	3.2	21.9	71.5	3.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.9		
#30	97.5		
#40	96.7		
#60	92.5		
#100	85.9		
#200	74.8		

* (no specification provided)

Material Description
 Black

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.2126 D₈₅= 0.1405 D₆₀= 0.0631
 D₅₀= 0.0568 D₃₀= 0.0402 D₁₅= 0.0108
 D₁₀= 0.0084 C_u= 7.51 C_c= 3.06

Classification
 USCS= AASHTO=

Remarks

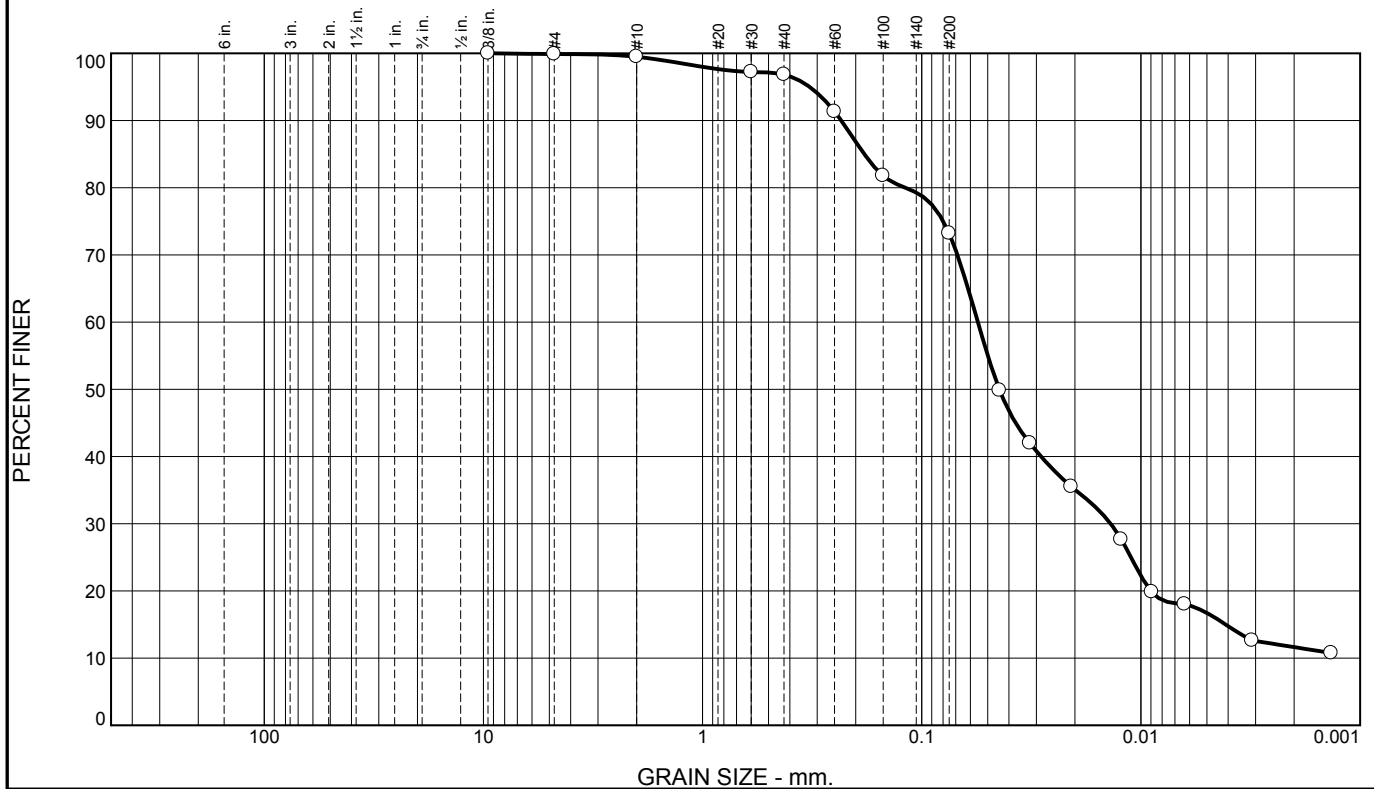
Location: PR132-DP01-20251016

Date: 11-4-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3378 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

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	0.1	0.4	2.7	23.6	56.5	16.7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.5		
#30	97.2		
#40	96.8		
#60	91.3		
#100	81.8		
#200	73.2		

* (no specification provided)

Material Description
 Dark Gray

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₉₀= 0.2332 D₈₅= 0.1829 D₆₀= 0.0555
 D₅₀= 0.0443 D₃₀= 0.0137 D₁₅= 0.0041
 D₁₀= C_u= C_c=

Classification
 USCS= AASHTO=

Remarks

Location: PR132-S05-057082-20251016

Date: 11-4-25

RSA Geolab Union, New Jersey	Client: Alliance Technical Group Project: Q3378 - AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1
	Project No: 889 Figure

Tested By: OH Checked By: KH

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM
ADDRESS: 605 3rd Ave
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Island
PROJECT MANAGER: Rob Forstner
e-mail: robert.forstner@aecom.com
PHONE: 212-377-8721 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: 605 3rd Ave
CITY: New York STATE: NY ZIP: 10138
ATTENTION: Rob Forstner PHONE: 212-377-8721

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

SVOCs
Pesticides-TCL
Micro-Metals
DBP-2/Hexachlor
Dioxin
Gram Size
TAC
VOCs

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										Math	Specify Preservatives	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	PR132-S05-057082-20251016	S		X	10/16	1035	11	X	X	X	X	X	X	X	X				
2.	PR132-DP01-20251016	S		X	10/16	1050	11	X	X	X	X	X	X	X	X				
3.	PR132-COMP2-20251016	S	X		10/16	1250	11	X	X	X	X	X	X	X	X				
4.	PR132-S12-047072-20251016	S		X	10/16	1325	11	X	X	X	X	X	X	X	X				
5.	PR132-S12-020047-20251016	S		X	10/16	1315	11	X	X	X	X	X	X	X	X				
6.	PR132-FB01-20251016	A			10/16	1355	1	X	X	X	X	X			X				
7.	Temp Blank	A													X				
8.																			
9.																			
10.																			

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

RELINQUISHED BY SAMPLER: 1. Jim Alderson	DATE/TIME: 1650 10/16/25	RECEIVED BY: 1. [Signature] 10-16-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 1805 10-16-25	RECEIVED BY: 3. [Signature]	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO