

LAB CHRONICLE

OrderID:	Q3375	OrderDate:	10/17/2025 10:32:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC -
Contact:	Rob Forstner	Location:	60993705-1719208 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	PR132-S02-074099-2 0251016	SOIL			10/16/25 08:40			10/16/25
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:52	
			TOC	Lloyd Kahn			10/20/25 12:38	
Q3375-02	PR132-S04-000013-2 0251016	SOIL			10/16/25 09:45			10/16/25
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:52	
			TOC	Lloyd Kahn			10/20/25 12:59	
Q3375-03	PR132-S05-000057-2 0251016	SOIL			10/16/25 11:10			10/16/25
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:53	
			TOC	Lloyd Kahn			10/20/25 13:18	
Q3375-04	PR132-S02-010074-2 0251016	SOIL			10/16/25 08:50			10/16/25
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:53	
			TOC	Lloyd Kahn			10/20/25 14:01	
Q3375-05	PR132-DP02-2025101 6	SOIL			10/16/25 11:13			10/16/25
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:54	

LAB CHRONICLE

TOC

Lloyd Kahn

10/20/25
14:34

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-074099-20251016
Lab Sample ID: Q3375-01

Date Collected: 10/16/25 08:40
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 69.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.56	U	1	0.098	0.56	mg/Kg	10/21/25 12:00	10/21/25 15:52	7196A
TOC	19600	OR	1	43.4	250	mg/Kg		10/20/25 12:38	Lloyd Kahn

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S04-000013-20251016
Lab Sample ID: Q3375-02

Date Collected: 10/16/25 09:45
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 74.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.53	U	1	0.093	0.53	mg/Kg	10/21/25 12:00	10/21/25 15:52	7196A
TOC	17000	OR	1	43.4	250	mg/Kg		10/20/25 12:59	Lloyd Kahn

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-000057-20251016
Lab Sample ID: Q3375-03

Date Collected: 10/16/25 11:10
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.59	U	1	0.10	0.59	mg/Kg	10/21/25 12:00	10/21/25 15:53	7196A
TOC	27700	OR	1	43.4	250	mg/Kg		10/20/25 13:18	Lloyd Kahn

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-010074-20251016
Lab Sample ID: Q3375-04

Date Collected: 10/16/25 08:50
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 55.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.72	U	1	0.13	0.72	mg/Kg	10/21/25 12:00	10/21/25 15:53	7196A
TOC	26300	OR	1	43.4	250	mg/Kg		10/20/25 14:01	Lloyd Kahn

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP02-20251016
Lab Sample ID: Q3375-05

Date Collected: 10/16/25 11:13
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.59	U	1	0.10	0.59	mg/Kg	10/21/25 12:00	10/21/25 15:54	7196A
TOC	30000	OR	1	43.4	250	mg/Kg		10/20/25 14:34	Lloyd Kahn

Comments: _____

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: AECOM

SDG No.: Q3375

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

RunNo.: LB137582

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	968	1000	97	90-110	07/22/2025
Sample ID: CCV1 TOC	mg/L	1030	1000	103	90-110	10/20/2025
Sample ID: CCV2 TOC	mg/L	1050	1000	105	90-110	10/20/2025
Sample ID: CCV3 TOC	mg/L	1010	1000	101	90-110	10/20/2025

Initial and Continuing Calibration Verification

Client: AECOM

SDG No.: Q3375

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

RunNo.: LB137601

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/21/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	10/21/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	10/21/2025

Initial and Continuing Calibration Blank Summary

Client: AECOM

SDG No.: Q3375

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

RunNo.: LB137582

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	07/22/2025
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/20/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/20/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	10/20/2025

Initial and Continuing Calibration Blank Summary

Client: AECOM

SDG No.: Q3375

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

RunNo.: LB137601

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025

Preparation Blank Summary

Client: AECOM

SDG No.: Q3375

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

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137582BLS							
TOC	mg/Kg	< 125.0000	125.0000	U	43.4	250	10/20/2025
Sample ID: PB170189BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/21/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3375-05
Client ID:	PR132-DP02-20251016MS	Percent Solids for Spike Sample:	66.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	31100	OR	30000	OR	1000	1	110		10/20/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3375-05
Client ID:	PR132-DP02-20251016MSD	Percent Solids for Spike Sample:	66.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	31200	OR	30000	OR	1000	1	120		10/20/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3403-01
Client ID:	MH-18MS	Percent Solids for Spike Sample:	91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1360		0.076	U	1410	40	96		10/21/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3403-01
Client ID:	MH-18MS	Percent Solids for Spike Sample:	91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	40.4		0.076	U	43.9	2	92		10/21/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3403-01
Client ID:	MH-18MS	Percent Solids for Spike Sample:	91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	38.1		0.076	U	43.9	2	87		10/21/2025

Duplicate Sample Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Sample ID:	Q3375-05
Client ID:	PR132-DP02-20251016MSD	Percent Solids for Spike Sample:	66.7

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	31100	OR	31200	OR	1	0		10/20/2025

Duplicate Sample Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Sample ID:	Q3403-01
Client ID:	MH-18DUP	Percent Solids for Spike Sample:	91.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.076	U	0.076	U	1	0		10/21/2025

Laboratory Control Sample Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Run No.:	LB137582

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137582BSS							
TOC	mg/Kg	1000	1030		103	1	90-110	10/20/2025

Laboratory Control Sample Summary

Client:	AECOM	SDG No.:	Q3375
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Run No.:	LB137601

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170189BS							
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	10/21/2025