

LAB CHRONICLE

OrderID:	Q3363	OrderDate:	10/16/2025 10:56:42 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
Q3363-01	PR132-SO1-085011-2 0251015	SOIL	Hexavalent Chromium	7196A	10/15/25 11:57	10/20/25	10/20/25 15:07	10/15/25
			TOC	Lloyd Kahn			10/20/25 11:03	
Q3363-02	PR132-SO1-039085-2 0251015	SOIL	Hexavalent Chromium	7196A	10/15/25 12:10	10/20/25	10/20/25 15:08	10/15/25
			TOC	Lloyd Kahn			10/20/25 11:24	
Q3363-03	PR132-SO3-028010-2 0251015	SOIL	Hexavalent Chromium	7196A	10/15/25 13:15	10/20/25	10/20/25 15:08	10/15/25
			TOC	Lloyd Kahn			10/20/25 11:40	
Q3363-04	PR132-SO3-010013-2 0251015	SOIL	Hexavalent Chromium	7196A	10/15/25 13:30	10/20/25	10/20/25 15:09	10/15/25
			TOC	Lloyd Kahn			10/20/25 12:00	
Q3363-05	COMP01-20251015	SOIL	Hexavalent Chromium	7196A	10/15/25 13:53	10/20/25	10/20/25 15:09	10/15/25

LAB CHRONICLE

TOC	Lloyd Kahn	10/20/25 12:20
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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-SO1-085011-20251015
Lab Sample ID: Q3363-01

Date Collected: 10/15/25 11:57
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 50.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.78	U	1	0.14	0.78	mg/Kg	10/20/25 11:50	10/20/25 15:07	7196A
TOC	34300	OR	1	43.4	250	mg/Kg		10/20/25 11:03	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-SO1-039085-20251015
Lab Sample ID: Q3363-02

Date Collected: 10/15/25 12:10
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 56.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.70	U	1	0.12	0.70	mg/Kg	10/20/25 11:50	10/20/25 15:08	7196A
TOC	30800	OR	1	43.4	250	mg/Kg		10/20/25 11:24	Lloyd Kahn

Comments: _____

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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-SO3-028010-20251015
Lab Sample ID: Q3363-03

Date Collected: 10/15/25 13:15
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 54.8

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	10/20/25 11:50	10/20/25 15:08	7196A
TOC	28600	OR	1	43.4	250	mg/Kg		10/20/25 11:40	Lloyd Kahn

Comments: _____

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H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
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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-SO3-010013-20251015
Lab Sample ID: Q3363-04

Date Collected: 10/15/25 13:30
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 51.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.76	U	1	0.13	0.76	mg/Kg	10/20/25 11:50	10/20/25 15:09	7196A
TOC	31500	OR	1	43.4	250	mg/Kg		10/20/25 12:00	Lloyd Kahn

Comments: _____

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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: COMP01-20251015
Lab Sample ID: Q3363-05

Date Collected: 10/15/25 13:53
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 55.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.71	U	1	0.12	0.71	mg/Kg	10/20/25 11:50	10/20/25 15:09	7196A
TOC	24300	OR	1	43.4	250	mg/Kg		10/20/25 12:20	Lloyd Kahn

Comments: _____

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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.: Q3363

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.: Q3363

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

RunNo.: LB137587

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	10/20/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/20/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	10/20/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.490	0.5	98	90-110	10/20/2025
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.492	0.5	98	90-110	10/20/2025

Initial and Continuing Calibration Blank Summary

Client: AECOM

SDG No.: Q3363

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.: Q3363

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

RunNo.: LB137587

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	10/20/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/20/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/20/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/20/2025
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/20/2025

Preparation Blank Summary

Client: AECOM

SDG No.: Q3363

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: PB170150BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/20/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3363
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.:	Q3363
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.:** Q3363
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171 **Sample ID:** Q3392-01
Client ID: MH-20MS **Percent Solids for Spike Sample:** 90.3

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	1370		0.077	U	1420	40	96		10/20/2025

Matrix Spike Summary

Client:	AECOM	SDG No.:	Q3363
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171	Sample ID:	Q3392-01
Client ID:	MH-20MS	Percent Solids for Spike Sample:	90.3

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	43.0		0.077	U	44.3	2	97		10/20/2025

Matrix Spike Summary

Client: AECOM **SDG No.:** Q3363
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-171 **Sample ID:** Q3392-01
Client ID: MH-20MS **Percent Solids for Spike Sample:** 90.3

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	38.6		0.077	U	44.3	2	87		10/20/2025

Duplicate Sample Summary

Client: AECOM	SDG No.: Q3363
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.: Q3363
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Sample ID: Q3392-01
Client ID: MH-20DUP	Percent Solids for Spike Sample: 90.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.077	U	0.077	U	1	0		10/20/2025

Laboratory Control Sample Summary

Client:	AECOM	SDG No.:	Q3363
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.:	Q3363
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Run No.:	LB137587

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170150BS							
Hexavalent Chromium	mg/Kg	20	19.7		98	1	84-110	10/20/2025