

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q1778	OrderDate:	4/10/2025 12:04:00 PM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Nathan Fretz	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1778-01	AT016P-SD03-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 08:35		04/17/25 10:13	04/10/25
Q1778-02	AT016P-SD09-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 09:00		04/17/25 10:26	04/10/25
Q1778-03	AT016P-SD10-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 09:20		04/17/25 10:45	04/10/25
Q1778-04	SS091P-SD06-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 09:55		04/17/25 10:54	04/10/25
Q1778-05	AT016P-SD07-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 10:15		04/17/25 11:06	04/10/25
Q1778-06	AT016P-SD08-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 10:25		04/17/25 11:45	04/10/25
Q1778-07	AT014P-SD16-040825-00	SOIL	TOC	Lloyd Kahn	04/08/25 11:05		04/17/25 12:31	04/10/25

LAB CHRONICLE

Q1778-08	AT014P-SD17-040825 -00	SOIL			04/08/25 11:25		04/10/25
			TOC	Lloyd Kahn		04/17/25 12:48	
Q1778-09	AT014P-SD18-040825 -00	SOIL			04/08/25 11:40		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:06	
Q1778-10	AT014P-SD19-040825 -00	SOIL			04/08/25 11:55		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:15	
Q1778-11	AT014P-SD21-040825 -00	SOIL			04/08/25 12:10		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:25	
Q1778-12	AT014P-SD20-040825 -00	SOIL			04/08/25 12:20		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:35	
Q1778-13	AT014P-SD15-040825 -00	SOIL			04/08/25 12:35		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:44	
Q1778-14	AT014P-SD22-040825 -00	SOIL			04/08/25 12:55		04/10/25
			TOC	Lloyd Kahn		04/17/25 13:53	
Q1778-15	AT014P-SD23-040825 -00	SOIL			04/08/25 13:15		04/10/25
			TOC	Lloyd Kahn		04/17/25 14:05	
Q1778-16	AT016P-SD12-040825 -00	SOIL			04/08/25 14:15		04/10/25

LAB CHRONICLE

Q1778-17	AT016P-SD11-040925 -00	SOIL	TOC	Lloyd Kahn		04/17/25 14:14	
			TOC	Lloyd Kahn	04/09/25 08:05	04/17/25 15:01	04/10/25



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 08:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD03-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-01	Matrix:	SOIL
		% Solid:	83.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	5190		1	43.4	50.0	250	mg/Kg		04/17/25 10:13	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:	Weston Solutions	Date Collected:	04/08/25 09:00
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD09-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-02	Matrix:	SOIL
		% Solid:	76.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1630		1	43.4	50.0	250	mg/Kg		04/17/25 10:26	Lloyd Kahn

Comments:

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 09:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD10-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-03	Matrix:	SOIL
		% Solid:	29.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	23600	OR	1	43.4	50.0	250	mg/Kg		04/17/25 10:45	Lloyd Kahn

Comments:

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 09:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS091P-SD06-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-04	Matrix:	SOIL
		% Solid:	78.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1870		1	43.4	50.0	250	mg/Kg		04/17/25 10:54	Lloyd Kahn

Comments: _____

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 10:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD07-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-05	Matrix:	SOIL
		% Solid:	81.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6760		1	43.4	50.0	250	mg/Kg		04/17/25 11:06	Lloyd Kahn

Comments:

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 10:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD08-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-06	Matrix:	SOIL
		% Solid:	70.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	14900	OR	1	43.4	50.0	250	mg/Kg		04/17/25 11:45	Lloyd Kahn

Comments:

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J = Estimated Value

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD16-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-07	Matrix:	SOIL
		% Solid:	80

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	7740		1	43.4	50.0	250	mg/Kg		04/17/25 12:31	Lloyd Kahn

Comments: _____

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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:	Weston Solutions	Date Collected:	04/08/25 11:25
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD17-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-08	Matrix:	SOIL
		% Solid:	81.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6110		1	43.4	50.0	250	mg/Kg		04/17/25 12:48	Lloyd Kahn

Comments: _____

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD18-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-09	Matrix:	SOIL
		% Solid:	91.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9580		1	43.4	50.0	250	mg/Kg		04/17/25 13:06	Lloyd Kahn

Comments: _____

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LOD = Limit of Detection

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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:	Weston Solutions	Date Collected:	04/08/25 11:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD19-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-10	Matrix:	SOIL
		% Solid:	96.1

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3130		1	43.4	50.0	250	mg/Kg		04/17/25 13:15	Lloyd Kahn

Comments: _____

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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
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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD21-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-11	Matrix:	SOIL
		% Solid:	61.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	10000		1	43.4	50.0	250	mg/Kg		04/17/25 13:25	Lloyd Kahn

Comments: _____

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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:	Weston Solutions	Date Collected:	04/08/25 12:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD20-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-12	Matrix:	SOIL
		% Solid:	74

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6260		1	43.4	50.0	250	mg/Kg		04/17/25 13:35	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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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD15-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-13	Matrix:	SOIL
		% Solid:	90.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4680		1	43.4	50.0	250	mg/Kg		04/17/25 13:44	Lloyd Kahn

Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD22-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-14	Matrix:	SOIL
		% Solid:	76.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2520		1	43.4	50.0	250	mg/Kg		04/17/25 13:53	Lloyd Kahn

Comments: _____

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 13:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT014P-SD23-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-15	Matrix:	SOIL
		% Solid:	67.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9260		1	43.4	50.0	250	mg/Kg		04/17/25 14:05	Lloyd Kahn

Comments: _____

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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.

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 14:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD12-040825-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-16	Matrix:	SOIL
		% Solid:	79.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1550		1	43.4	50.0	250	mg/Kg		04/17/25 14:14	Lloyd Kahn

Comments:

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/09/25 08:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT016P-SD11-040925-00	SDG No.:	Q1778
Lab Sample ID:	Q1778-17	Matrix:	SOIL
		% Solid:	17.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	66200	OR	1	43.4	50.0	250	mg/Kg		04/17/25 15:01	Lloyd Kahn

Comments: _____

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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135456

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: TOC	ICV1	mg/L	1030	1000	103	90-110	03/14/2025
Sample ID: TOC	CCV1	mg/L	965	1000	96	90-110	04/17/2025
Sample ID: TOC	CCV2	mg/L	1000	1000	100	90-110	04/17/2025
Sample ID: TOC	CCV3	mg/L	1040	1000	104	90-110	04/17/2025
Sample ID: TOC	CCV4	mg/L	1000	1000	100	90-110	04/17/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135456

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	03/14/2025
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025
Sample ID: CCB4 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/17/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1778

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135456BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/17/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1778-05
Client ID:	AT016P-SD07-040825-00MS	Percent Solids for Spike Sample:	81.3

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	7690		6760		1000	1	93		04/17/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1778-05
Client ID:	AT016P-SD07-040825-00MSD	Percent Solids for Spike Sample:	81.3

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	7680		6760		1000	1	92		04/17/2025

Duplicate Sample Summary

Client: Weston Solutions	SDG No.: Q1778
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID: Q1778-05
Client ID: AT016P-SD07-040825-00MSD	Percent Solids for Spike Sample: 81.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7690		7680		1	0		04/17/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1778
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135456

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135456BSS							
TOC	mg/Kg	1000	1000		100	1	90-110	04/17/2025



RAW DATA

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	973.3295			TOC	
CCV1	914.7368			TOC	
CCV1	965.0096			TOC	
CCV1.....	1007.1776...	..	...	TOC	..
CCB1	12.3174			TOC	
CCB1	10.6934			TOC	
CCB1.....	4.2714...	..	...	TOC	..
CCB1	3.4672			TOC	
LB135456BLS	7.2756			TOC	
LB135456BLS.....	3.4711...	..	...	TOC	..
LB135456BLS	3.3518			TOC	
LB135456BLS	4.2513			TOC	
LB135456BSS.....	989.1892...	..	...	TOC	..
LB135456BSS	1015.4918			TOC	
LB135456BSS	994.9837			TOC	
LB135456BSS.....	1000.6960...	..	...	TOC	..
Q1778-01	6184.4946			TOC	
Q1778-01	5387.9229			TOC	
Q1778-01.....	4396.4473...	..	...	TOC	..
Q1778-01	4771.8794			TOC	
Q1778-02	1309.2264			TOC	
Q1778-02.....	1676.9709...	..	...	TOC	..
Q1778-02	1892.5372			TOC	
Q1778-02	1632.2844			TOC	
Q1778-03.....	22037.1484...	..	...	TOC	..
Q1778-03	21318.7559			TOC	
Q1778-03	28517.1738			TOC	
Q1778-03.....	22350.2227...	..	...	TOC	..
Q1778-04	2002.7076			TOC	
Q1778-04	2056.3716			TOC	
Q1778-04.....	2038.0570...	..	...	TOC	..
Q1778-04	1393.9399			TOC	
Q1778-05	6867.8872			TOC	
Q1778-05.....	6026.0332...	..	...	TOC	..
Q1778-05	7013.9849			TOC	
Q1778-05	7129.4600			TOC	
Q1778-05MS.....	7672.7827...	..	...	TOC	..
Q1778-05MS	7230.6729			TOC	
Q1778-05MS	6867.9521			TOC	
Q1778-05MS.....	9006.6348...	..	...	TOC	..
Q1778-05MSD	7515.9565			TOC	
Q1778-05MSD	7516.8066			TOC	
Q1778-05MSD.....	7586.4326...	..	...	TOC	..
Q1778-05MSD	8117.5698			TOC	
Q1778-06	14823.9404			TOC	
Q1778-06.....	13502.5107...	..	...	TOC	..
Q1778-06	14651.4492			TOC	
Q1778-06	16795.9961			TOC	
CCV2.....	1011.3209...	..	...	TOC	..
CCV2	997.2404			TOC	
CCV2	1017.9169			TOC	
CCV2.....	987.9765...	..	...	TOC	..
CCB2	3.1178			TOC	
CCB2	4.9707			TOC	
CCB2.....	2.0943...	..	...	TOC	..
CCB2	2.9545			TOC	
Q1778-07	8083.3652			TOC	
Q1778-07.....	8348.0830...	..	...	TOC	..
Q1778-07	7690.5610			TOC	
Q1778-07	6833.0454			TOC	
Q1778-08.....	5715.5405...	..	...	TOC	..
Q1778-08	7412.4653			TOC	
Q1778-08	5949.7764			TOC	
Q1778-08.....	5347.7471...	..	...	TOC	..

Q1778-09	9362.9297		TOC	
Q1778-09	8766.7402		TOC	
Q1778-09.....	10033.7344...	..	...TOC	..
Q1778-09	10139.6631		TOC	
Q1778-10	3089.9836		TOC	
Q1778-10.....	3335.3818...	..	...TOC	..
Q1778-10	3033.5449		TOC	
Q1778-10	3051.0496		TOC	
Q1778-11.....	9196.9238...	..	...TOC	..
Q1778-11	11821.6514		TOC	
Q1778-11	9169.7949		TOC	
Q1778-11.....	10000.3818...	..	...TOC	..
Q1778-12	5786.8589		TOC	
Q1778-12	6939.2393		TOC	
Q1778-12.....	5644.9287...	..	...TOC	..
Q1778-12	6657.0986		TOC	
Q1778-13	4545.0649		TOC	
Q1778-13.....	5073.2324...	..	...TOC	..
Q1778-13	4816.3462		TOC	
Q1778-13	4280.4854		TOC	
Q1778-14.....	2172.5417...	..	...TOC	..
Q1778-14	2912.0796		TOC	
Q1778-14	2627.6416		TOC	
Q1778-14.....	2358.5615...	..	...TOC	..
Q1778-15	10484.4023		TOC	
Q1778-15	9210.0947		TOC	
Q1778-15.....	7420.7642...	..	...TOC	..
Q1778-15	9920.7744		TOC	
Q1778-16	1549.9554		TOC	
Q1778-16.....	1603.7618...	..	...TOC	..
Q1778-16	1641.4928		TOC	
Q1778-16	1422.8400		TOC	
CCV3.....	1047.7987...	..	...TOC	..
CCV3	1026.2596		TOC	
CCV3	1057.8298		TOC	
CCV3.....	1046.4694...	..	...TOC	..
CCB3	5.1412		TOC	
CCB3	11.0875		TOC	
CCB3.....	3.6239...	..	...TOC	..
CCB3	30.4678		TOC	
Q1778-17	74798.0781		TOC	
Q1778-17.....	63581.8750...	..	...TOC	..
Q1778-17	60556.7656		TOC	
Q1778-17	65688.4219		TOC	
CCV4.....	979.8790...	..	...TOC	..
CCV4	1005.5685		TOC	
CCV4	1012.7043		TOC	
CCV4.....	1018.0959...	..	...TOC	..
CCB4	6.0196		TOC	
CCB4	46.3236		TOC	
CCB4.....	2.6307...	..	...TOC	..
CCB4	3.1253		TOC	

Method ID		Sample Type	Vial Timestamp		Message
Boat Sampler		Sample	2025/04/17	08:56	
Boat Sampler		Sample	2025/04/17	08:58	
Boat Sampler		Sample	2025/04/17	09:03	
Boat Sampler	...	Sample	..	..2025/04/17 09:05	..
Boat Sampler		Sample	2025/04/17	09:29	
Boat Sampler		Sample	2025/04/17	09:30	
Boat Sampler	...	Sample	..	..2025/04/17 09:37	..Low Sample Detected
Boat Sampler		Sample	2025/04/17	09:40	Low Sample Detected
Boat Sampler	Sample		2025/04/17 09:43	Low Sample Detected	
Boat Sampler	...	Sample	..	..2025/04/17 09:46	..Low Sample Detected
Boat Sampler		Sample	2025/04/17	09:50	Low Sample Detected
Boat Sampler		Sample	2025/04/17	09:53	Low Sample Detected
Boat Sampler	...	Sample	..	..2025/04/17 09:55	..
Boat Sampler		Sample	2025/04/17	09:57	
Boat Sampler		Sample	2025/04/17	10:00	
Boat Sampler	...	Sample	..	..2025/04/17 10:02	..
Boat Sampler		Sample	2025/04/17	10:06	
Boat Sampler		Sample	2025/04/17	10:08	
Boat Sampler	...	Sample	..	..2025/04/17 10:10	..
Boat Sampler		Sample	2025/04/17	10:13	
Boat Sampler		Sample	2025/04/17	10:15	
Boat Sampler	...	Sample	..	..2025/04/17 10:17	..
Boat Sampler		Sample	2025/04/17	10:25	
Boat Sampler		Sample	2025/04/17	10:26	
Boat Sampler	...	Sample	..	..2025/04/17 10:30	..
Boat Sampler		Sample	2025/04/17	10:37	
Boat Sampler		Sample	2025/04/17	10:41	
Boat Sampler	...	Sample	..	..2025/04/17 10:45	..
Boat Sampler		Sample	2025/04/17	10:48	
Boat Sampler		Sample	2025/04/17	10:50	
Boat Sampler	...	Sample	..	..2025/04/17 10:52	..
Boat Sampler		Sample	2025/04/17	10:54	
Boat Sampler		Sample	2025/04/17	10:57	
Boat Sampler	...	Sample	..	..2025/04/17 11:00	..
Boat Sampler		Sample	2025/04/17	11:03	
Boat Sampler		Sample	2025/04/17	11:06	
Boat Sampler	...	Sample	..	..2025/04/17 11:09	..
Boat Sampler		Sample	2025/04/17	11:12	
Boat Sampler		Sample	2025/04/17	11:14	
Boat Sampler	...	Sample	..	..2025/04/17 11:17	..
Boat Sampler		Sample	2025/04/17	11:22	
Boat Sampler		Sample	2025/04/17	11:25	
Boat Sampler	...	Sample	..	..2025/04/17 11:30	..
Boat Sampler		Sample	2025/04/17	11:35	
Boat Sampler		Sample	2025/04/17	11:38	
Boat Sampler	...	Sample	..	..2025/04/17 11:40	..
Boat Sampler		Sample	2025/04/17	11:42	
Boat Sampler		Sample	2025/04/17	11:45	
Boat Sampler	...	Sample	..	..2025/04/17 11:48	..
Boat Sampler		Sample	2025/04/17	11:51	
Boat Sampler		Sample	2025/04/17	11:54	
Boat Sampler	...	Sample	..	..2025/04/17 11:59	..
Boat Sampler		Sample	2025/04/17	12:09	Low Sample Detected
Boat Sampler		Sample	2025/04/17	12:12	Low Sample Detected
Boat Sampler	...	Sample	..	..2025/04/17 12:15	..Low Sample Detected
Boat Sampler		Sample	2025/04/17	12:19	Low Sample Detected
Boat Sampler		Sample	2025/04/17	12:24	
Boat Sampler	...	Sample	..	..2025/04/17 12:27	..
Boat Sampler		Sample	2025/04/17	12:29	
Boat Sampler		Sample	2025/04/17	12:31	
Boat Sampler	...	Sample	..	..2025/04/17 12:41	..
Boat Sampler		Sample	2025/04/17	12:43	
Boat Sampler		Sample	2025/04/17	12:45	

Boat Sampler	...	Sample	..	..	2025/04/17 12:48	..
Boat Sampler		Sample			2025/04/17 12:55	
Boat Sampler		Sample			2025/04/17 12:58	
Boat Sampler	...	Sample	..	..	2025/04/17 13:04	..
Boat Sampler		Sample			2025/04/17 13:06	
Boat Sampler		Sample			2025/04/17 13:09	
Boat Sampler	...	Sample	..	..	2025/04/17 13:11	..
Boat Sampler		Sample			2025/04/17 13:13	
Boat Sampler		Sample			2025/04/17 13:15	
Boat Sampler	...	Sample	..	..	2025/04/17 13:17	..
Boat Sampler		Sample			2025/04/17 13:20	
Boat Sampler		Sample			2025/04/17 13:22	
Boat Sampler	...	Sample	..	..	2025/04/17 13:25	..
Boat Sampler		Sample			2025/04/17 13:27	
Boat Sampler		Sample			2025/04/17 13:29	
Boat Sampler	...	Sample	..	..	2025/04/17 13:32	..
Boat Sampler		Sample			2025/04/17 13:35	
Boat Sampler		Sample			2025/04/17 13:37	
Boat Sampler	...	Sample	..	..	2025/04/17 13:40	..
Boat Sampler		Sample			2025/04/17 13:42	
Boat Sampler		Sample			2025/04/17 13:44	
Boat Sampler	...	Sample	..	..	2025/04/17 13:46	..
Boat Sampler		Sample			2025/04/17 13:49	
Boat Sampler		Sample			2025/04/17 13:51	
Boat Sampler	...	Sample	..	..	2025/04/17 13:53	..
Boat Sampler		Sample			2025/04/17 13:56	
Boat Sampler		Sample			2025/04/17 13:58	
Boat Sampler	...	Sample	..	..	2025/04/17 14:00	..
Boat Sampler		Sample			2025/04/17 14:05	
Boat Sampler		Sample			2025/04/17 14:07	
Boat Sampler	...	Sample	..	..	2025/04/17 14:10	..
Boat Sampler		Sample			2025/04/17 14:11	
Boat Sampler		Sample			2025/04/17 14:14	
Boat Sampler	...	Sample	..	..	2025/04/17 14:18	..
Boat Sampler		Sample			2025/04/17 14:22	
Boat Sampler		Sample			2025/04/17 14:24	
Boat Sampler	...	Sample	..	..	2025/04/17 14:27	..
Boat Sampler		Sample			2025/04/17 14:33	Low Sample Detected
Boat Sampler		Sample			2025/04/17 14:36	Low Sample Detected
Boat Sampler	...	Sample	..	..	2025/04/17 14:40	..Low Sample Detected
Boat Sampler		Sample			2025/04/17 14:41	
Boat Sampler		Sample			2025/04/17 14:47	
Boat Sampler	...	Sample	..	..	2025/04/17 14:52	..
Boat Sampler		Sample			2025/04/17 14:56	
Boat Sampler		Sample			2025/04/17 15:01	
Boat Sampler	...	Sample	..	..	2025/04/17 15:04	..
Boat Sampler		Sample			2025/04/17 15:07	
Boat Sampler		Sample			2025/04/17 15:12	
Boat Sampler	...	Sample	..	..	2025/04/17 15:14	..
Boat Sampler		Sample			2025/04/17 15:20	Low Sample Detected
Boat Sampler		Sample			2025/04/17 15:22	
Boat Sampler	...	Sample	..	..	2025/04/17 15:46	..Low Sample Detected
Boat Sampler		Sample			2025/04/17 15:50	Low Sample Detected

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	973.3295	38.9332	2935297	-0.486	0.493	63

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	914.7368	36.5895	2758597	-1.724	-0.740	63

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	965.0096	38.6004	2910206	1.301	2.248	57

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1007.1776	40.2871	3037373	-0.567	0.412	62

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.3174	0.4927	37146	-3.164	-2.166	27

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.6934	0.4277	32248	-3.070	-2.071	23

Sample ID: CCB1
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04170934
Timestamp: 2025/04/17 09:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.2714	0.1709	12881	-3.246	-3.299	120

Last Message: Low Sample Detected
=====

Sample ID: CCB1
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04170937
Timestamp: 2025/04/17 09:40
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.4672	0.1387	10456	-3.276	-3.317	120

Last Message: Low Sample Detected
=====

Sample ID: LB135456BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04170941
Timestamp: 2025/04/17 09:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.2756	0.2910	21941	-3.339	-3.383	120

Last Message: Low Sample Detected
=====

Sample ID: LB135456BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04170944
Timestamp: 2025/04/17 09:46
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.4711	0.1388	10468	-3.306	-3.409	120

Last Message: Low Sample Detected
=====

Sample ID: LB135456BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04170947
Timestamp: 2025/04/17 09:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.3518	0.1341	10108	-3.382	-3.416	120

Last Message: Low Sample Detected
=====

Sample ID: LB135456BLS
Method: Boat Sampler

Mode: TOC
Filename: 04170950

Cal. Curve: TOC S0IL
Operator ID: NF IZ

Timestamp: 2025/04/17 09:53
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.2513	0.1701	12821	-3.381	-3.439	120

Last Message: Low Sample Detected

Sample ID: LB135456BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04170953
Timestamp: 2025/04/17 09:55
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	989.1892	39.5676	2983125	-3.410	-2.412	72

Sample ID: LB135456BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04170956
Timestamp: 2025/04/17 09:57
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1015.4918	40.6197	3062446	-3.159	-2.161	68

Sample ID: LB135456BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04170958
Timestamp: 2025/04/17 10:00
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	994.9837	39.7993	3000600	-3.057	-2.062	67

Sample ID: LB135456BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ
Sample Type: Sample

Mode: TOC
Filename: 04171000
Timestamp: 2025/04/17 10:02

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1000.6960	40.0278	3017826	-3.073	-2.076	69

Sample ID: Q1778-01
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04171005
Timestamp: 2025/04/17 10:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6184.4946	42.0546	3170628	-1.948	-0.964	59

Sample ID: Q1778-01

Mode: TOC

Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Filename: 04171007
Timestamp: 2025/04/17 10:08
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5387.9229	35.0215	2640382	0.154	1.130	50

Sample ID: Q1778-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171009
Timestamp: 2025/04/17 10:10
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4396.4473	36.4905	2751136	1.233	2.224	50

Sample ID: Q1778-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171011
Timestamp: 2025/04/17 10:13
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4771.8794	28.1541	2122627	4.517	5.408	42

Sample ID: Q1778-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171014
Timestamp: 2025/04/17 10:15
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1309.2264	9.1646	690947	-1.566	-0.571	41

Sample ID: Q1778-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171016
Timestamp: 2025/04/17 10:17
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1676.9709	11.9065	897669	-2.120	-1.125	57

Sample ID: Q1778-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171023
Timestamp: 2025/04/17 10:25
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1892.5372	14.5725	1098670	-1.010	-0.044	58

Sample ID: Q1778-02
Method: Boat Sampler
Cal. Curve: TOC SOIL

Mode: TOC
Filename: 04171025
Timestamp: 2025/04/17 10:26

Operator ID: NF IZ

Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1632.2844	13.3847	1009118	2.994	3.988	38

Sample ID: Q1778-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171027
Timestamp: 2025/04/17 10:30
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	22037.1484	136.6303	10300996	0.555	1.550	107

Sample ID: Q1778-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171035
Timestamp: 2025/04/17 10:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21318.7559	130.0444	9804462	0.120	1.110	93

Sample ID: Q1778-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171038
Timestamp: 2025/04/17 10:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28517.1738	148.2893	11180004	-1.467	-0.469	139

Sample ID: Q1778-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171043
Timestamp: 2025/04/17 10:45
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	22350.2227	127.3963	9604811	1.753	2.749	84

Sample ID: Q1778-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171046
Timestamp: 2025/04/17 10:48
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2002.7076	18.2246	1374014	3.821	4.798	45

Sample ID: Q1778-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171048
Timestamp: 2025/04/17 10:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2056.3716	23.6483	1782919	5.601	6.600	57

Sample ID: Q1778-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171051
Timestamp: 2025/04/17 10:52
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2038.0570	20.1768	1521191	-1.555	-0.561	52

Sample ID: Q1778-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171053
Timestamp: 2025/04/17 10:54
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1393.9399	13.8000	1040426	11.443	12.365	38

Sample ID: Q1778-05
Method: Boat Sampler
Cal. Curve: T
OC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171055
Timestamp: 2025/04/17 10:57
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6867.8872	39.1470	2951414	-2.715	-1.715	69

Sample ID: Q1778-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171058
Timestamp: 2025/04/17 11:00
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6026.0332	46.4005	3498278	-2.439	-1.440	82

Sample ID: Q1778-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171101
Timestamp: 2025/04/17 11:03
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7013.9849	58.2161	4389095	-3.014	-2.015	100

Sample ID: Q1778-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171104
Timestamp: 2025/04/17 11:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
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				Baseline	Baseline	Time
1	7129.4600	41.3509	3117574	-1.087	-0.106	66
=====						

Sample ID:	Q1778-05MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04171107
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:09
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7672.7827	53.7095	4049329	-0.620	0.373	95
=====						

Sample ID:	Q1778-05MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04171110
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:12
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7230.6729	55.6762	4197605	1.315	2.300	61
=====						

Sample ID:	Q1778-05MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04171112
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:14
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6867.9521	59.0644	4453052	2.745	3.707	61
=====						

Sample ID:	Q1778-05MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04171115
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:17
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9006.6348	62.1458	4685369	-2.027	-1.034	83
=====						

Sample ID:	Q1778-05MSD	Mode:	TOC
Method:	Boat Sampler	Filename:	04171120
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:22
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7515.9565	51.1085	3853233	3.394	4.359	58
=====						

Sample ID:	Q1778-05MSD	Mode:	TOC
Method:	Boat Sampler	Filename:	04171123
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/17 11:25
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7516.8066	57.8794	4363713	-2.717	-1.717	100

Sample ID: Q1778-05MSD Mode: TOC
Method: Boat Sampler Filename: 04171128
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:30
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7586.4326	65.2433	4918902	-2.806	-1.808	106

Sample ID: Q1778-05MSD Mode: TOC
Method: Boat Sampler Filename: 04171133
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:35
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8117.5698	56.0112	4222865	5.798	6.745	53

Sample ID: Q1778-06 Mode: TOC
Method: Boat Sampler Filename: 04171136
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:38
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14823.9404	108.2148	8158656	2.175	3.174	73

Sample ID: Q1778-06 Mode: TOC
Method: Boat Sampler Filename: 04171138
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:40
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13502.5107	83.7156	6311583	13.606	14.554	55

Sample ID: Q1778-06 Mode: TOC
Method: Boat Sampler Filename: 04171141
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:42
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14651.4492	98.1647	7400950	14.449	15.357	58

Sample ID: Q1778-06 Mode: TOC
Method: Boat Sampler Filename: 04171143
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 11:45
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16795.9961	90.6984	6838040	6.424	7.408	61

Sample ID: CCV2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171146
Timestamp: 2025/04/17 11:48
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1011.3209	40.4528	3049868	-2.516	-1.518	73

Sample ID: CCV2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171149
Timestamp: 2025/04/17 11:51
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	997.2404	39.8896	3007405	1.791	2.771	55

Sample ID: CCV2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171152
Timestamp: 2025/04/17 11:54
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1017.9169	40.7167	3069760	-2.870	-1.873	73

Sample ID: CCV2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171158
Timestamp: 2025/04/17 11:59
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	987.9765	39.5191	2979468	-2.855	-1.857	71

Sample ID: CCB2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171206
Timestamp: 2025/04/17 12:09
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.1178	0.1247	9402	-3.216	-3.267	120

Last Message: Low Sample Detected

Sample ID: CCB2
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171209
Timestamp: 2025/04/17 12:12
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.9707	0.1988	14990	-3.248	-3.285	120

Last Message: Low Sample Detected

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04171213
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:15
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.0943	0.0838	6316	-3.270	-3.363	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04171216
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:19
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.9545	0.1182	8910	-3.310	-3.338	120

Last Message: Low Sample Detected

Sample ID: Q1778-07 Mode: TOC
Method: Boat Sampler Filename: 04171222
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:24
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8083.3652	46.8835	3534698	-3.333	-2.333	88

Sample ID: Q1778-07 Mode: TOC
Method: Boat Sampler Filename: 04171225
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:27
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8348.0830	56.7670	4279842	4.102	5.020	54

Sample ID: Q1778-07 Mode: TOC
Method: Boat Sampler Filename: 04171228
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:29
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7690.5610	49.2196	3710822	0.815	1.769	56

Sample ID: Q1778-07 Mode: TOC
Method: Boat Sampler Filename: 04171230
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 12:31
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6833.0454	42.3649	3194023	6.853	7.809	48

Sample ID: Q1778-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171239
Timestamp: 2025/04/17 12:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5715.5405	44.5812	3361120	2.886	3.867	53

Sample ID: Q1778-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171242
Timestamp: 2025/04/17 12:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7412.4653	47.4398	3576636	-1.032	-0.046	59

Sample ID: Q1778-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171244
Timestamp: 2025/04/17 12:45
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5949.7764	40.4585	3050294	0.949	1.910	54

Sample ID: Q1778-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171246
Timestamp: 2025/04/17 12:48
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5347.7471	34.7604	2620694	5.042	5.977	49

Sample ID: Q1778-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171254
Timestamp: 2025/04/17 12:55
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9362.9297	69.2857	5223668	-1.285	-0.289	69

Sample ID: Q1778-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171256
Timestamp: 2025/04/17 12:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
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				Baseline	Baseline	Time
1	8766.7402	75.3940	5684191	-2.151	-1.153	98
=====						

Sample ID: Q1778-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171302
Timestamp: 2025/04/17 13:04
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10033.7344	71.2395	5370974	-2.172	-1.180	94
=====						

Sample ID: Q1778-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171305
Timestamp: 2025/04/17 13:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10139.6631	61.8519	4663215	0.198	1.178	64
=====						

Sample ID: Q1778-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171307
Timestamp: 2025/04/17 13:09
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3089.9836	28.1189	2119970	-0.037	0.944	53
=====						

Sample ID: Q1778-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171310
Timestamp: 2025/04/17 13:11
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3335.3818	30.0184	2263186	6.468	7.412	51
=====						

Sample ID: Q1778-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171312
Timestamp: 2025/04/17 13:13
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3033.5449	31.2455	2355699	3.323	4.316	48
=====						

Sample ID: Q1778-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171314
Timestamp: 2025/04/17 13:15
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3051.0496	32.3411	2438301	0.645	1.595	49

Sample ID: Q1778-11 Mode: TOC
Method: Boat Sampler Filename: 04171316
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:17
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9196.9238	68.0572	5131052	10.393	11.351	55

Sample ID: Q1778-11 Mode: TOC
Method: Boat Sampler Filename: 04171318
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:20
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11821.6514	74.4764	5615013	2.124	3.095	62

Sample ID: Q1778-11 Mode: TOC
Method: Boat Sampler Filename: 04171321
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:22
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9169.7949	70.6074	5323319	-0.084	0.911	65

Sample ID: Q1778-11 Mode: TOC
Method: Boat Sampler Filename: 04171323
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:25
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10000.3818	86.0033	6484062	0.777	1.757	66

Sample ID: Q1778-12 Mode: TOC
Method: Boat Sampler Filename: 04171326
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:27
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5786.8589	46.8736	3533947	-0.458	0.510	57

Sample ID: Q1778-12 Mode: TOC
Method: Boat Sampler Filename: 04171328
Cal. Curve: TOC SOIL Timestamp: 2025/04/17 13:29
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6939.2393	68.0045	5127079	-0.828	0.165	66

Sample ID: Q1778-12
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171330
Timestamp: 2025/04/17 13:32
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5644.9287	48.5464	3660067	5.628	6.611	52

Sample ID: Q1778-12
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171332
Timestamp: 2025/04/17 13:35
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6657.0986	61.2453	4617479	-0.483	0.515	135

Sample ID: Q1778-13
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171336
Timestamp: 2025/04/17 13:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4545.0649	39.5421	2981202	-2.332	-1.334	63

Sample ID: Q1778-13
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171338
Timestamp: 2025/04/17 13:40
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5073.2324	52.7616	3977866	-2.059	-1.060	67

Sample ID: Q1778-13
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171340
Timestamp: 2025/04/17 13:42
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4816.3462	43.8288	3304389	-1.581	-0.582	56

Sample ID: Q1778-13
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171343
Timestamp: 2025/04/17 13:44
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4280.4854	44.9451	3388554	-1.933	-0.947	59

Sample ID: Q1778-14
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171345
Timestamp: 2025/04/17 13:46
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2172.5417	24.9842	1883641	-1.155	-0.184	43

Sample ID: Q1778-14
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171347
Timestamp: 2025/04/17 13:49
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2912.0796	28.2472	2129644	-2.242	-1.243	59

Sample ID: Q1778-14
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171349
Timestamp: 2025/04/17 13:51
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2627.6416	21.0211	1584850	1.153	2.096	44

Sample ID: Q1778-14
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171351
Timestamp: 2025/04/17 13:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2358.5615	29.9537	2258307	-1.708	-0.717	57

Sample ID: Q1778-15
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171353
Timestamp: 2025/04/17 13:56
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10484.4023	62.9064	4742715	-2.598	-1.601	101

Sample ID: Q1778-15
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171356
Timestamp: 2025/04/17 13:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9210.0947	58.9446	4444022	0.322	1.295	68

Sample ID: Q1778-15
Method: Boat Sampler

Mode: TOC
Filename: 04171359

Cal. Curve: TOC SOIL
Operator ID: NF IZ

Timestamp: 2025/04/17 14:00
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7420.7642	54.9137	4140115	1.632	2.599	64

Sample ID: Q1778-15
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171404
Timestamp: 2025/04/17 14:05
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9920.7744	63.4930	4786936	-0.083	0.906	70

Sample ID: Q1778-16
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171406
Timestamp: 2025/04/17 14:07
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1549.9554	17.3595	1308788	1.203	2.137	42

Sample ID: Q1778-16
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171408
Timestamp: 2025/04/17 14:10
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1603.7618	16.5187	1245401	-1.777	-0.785	52

Sample ID: Q1778-16
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171410
Timestamp: 2025/04/17 14:11
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1641.4928	16.0866	1212822	-0.314	0.662	45

Sample ID: Q1778-16
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171412
Timestamp: 2025/04/17 14:14
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1422.8400	14.7975	1115633	-2.871	-1.879	52

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171416
Timestamp: 2025/04/17 14:18
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1047.7987	41.9119	3159875	-2.324	-1.325	56

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171420
Timestamp: 2025/04/17 14:22
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1026.2596	41.0504	3094920	-3.202	-2.203	76

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171423
Timestamp: 2025/04/17 14:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1057.8298	42.3132	3190126	-2.999	-2.001	74

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171425
Timestamp: 2025/04/17 14:27
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1046.4694	41.8588	3155867	-2.946	-1.948	75

Sample ID: CCB3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171431
Timestamp: 2025/04/17 14:33
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5.1412	0.2056	15504	-3.229	-3.300	120

Last Message: Low Sample Detected

Sample ID: CCB3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171434
Timestamp: 2025/04/17 14:36
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.0875	0.4435	33437	-3.285	-3.328	120

Last Message: Low Sample Detected

Sample ID: CCB3

Mode: TOC

Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Filename: 04171437
Timestamp: 2025/04/17 14:40
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.6239	0.1450	10929	-3.271	-3.340	120

Last Message: Low Sample Detected

Sample ID: CCB3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171440
Timestamp: 2025/04/17 14:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	30.4678	1.2187	91882	-3.310	-2.313	36

Sample ID: Q1778-17
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171443
Timestamp: 2025/04/17 14:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	74798.0781	403.9096	30452032	1.333	2.328	229

Sample ID: Q1778-17
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171448
Timestamp: 2025/04/17 14:52
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	63581.8750	336.9839	25406292	0.182	1.179	211

Sample ID: Q1778-17
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171452
Timestamp: 2025/04/17 14:56
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	60556.7656	339.1179	25567178	1.416	2.411	200

Sample ID: Q1778-17
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171457
Timestamp: 2025/04/17 15:01
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	65688.4219	354.7175	26743280	1.814	2.814	196

Sample ID: CCV4

Mode: TOC

Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Filename: 04171502
Timestamp: 2025/04/17 15:04
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	979.8790	39.1952	2955048	-1.977	-0.989	67

Sample ID: CCV4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171505
Timestamp: 2025/04/17 15:07
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1005.5685	40.2227	3032520	-2.489	-1.491	70

Sample ID: CCV4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171510
Timestamp: 2025/04/17 15:12
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1012.7043	40.5082	3054040	-2.867	-1.871	73

Sample ID: CCV4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171512
Timestamp: 2025/04/17 15:14
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1018.0959	40.7238	3070300	-2.741	-1.749	70

Sample ID: CCB4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171518
Timestamp: 2025/04/17 15:20
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.0196	0.2408	18153	-3.042	-3.134	120

Last Message: Low Sample Detected

Sample ID: CCB4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171521
Timestamp: 2025/04/17 15:22
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	46.3236	1.8529	139699	-3.115	-2.123	44

Sample ID: CCB4

Mode: TOC

Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Filename: 04171544
Timestamp: 2025/04/17 15:46
Sample Type: Sample

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.6307	0.1052	7934	-3.217	-3.248	120

Last Message: Low Sample Detected
=====

Sample ID: CCB4
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04171547
Timestamp: 2025/04/17 15:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.1253	0.1250	9425	-3.213	-3.255	120

Last Message: Low Sample Detected
=====

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
BLANK	14955	8646	57.81	TOC	
250mg/l	841606	148828	17.68	TOC	
500mg/l	1649173	101330	6.14	TOC	
1000mg/l.....	3114148...	128870..	4.14...	TOC	..
2000mg/l	6084076	53153	0.87	TOC	
ICV	1008.1160			TOC	
ICV.....	1026.3085...	..	...	TOC	..
ICV	1034.6257			TOC	
ICV	1033.1101			TOC	
ICB.....	7.8958...	..	...	TOC	..
ICB	7.5463			TOC	
ICB	12.5615			TOC	
ICB.....	13.3053...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2025/03/14 08:33	Low Sample Detected
Boat Sampler	TOC Standard		2025/03/14 08:43	
Boat Sampler	TOC Standard		2025/03/14 08:52	
Boat Sampler	...TOC Standard	..	..2025/03/14 09:02	..
Boat Sampler	TOC Standard		2025/03/14 09:13	
Boat Sampler	Sample		2025/03/14 09:32	
Boat Sampler	...Sample	..	..2025/03/14 09:34	..
Boat Sampler	Sample		2025/03/14 09:37	
Boat Sampler	Sample		2025/03/14 09:39	
Boat Sampler	...Sample	..	..2025/03/14 09:43	..Low Sample Detected
Boat Sampler	Sample		2025/03/14 09:47	Low Sample Detected
Boat Sampler	Sample		2025/03/14 09:50	
Boat Sampler	...Sample	..	..2025/03/14 09:54	..Low Sample Detected

```
<<<Statistics>>>      Mean:   3114148      Std Dev:   128870      RSD: 4.14
```

Sample ID: 2000mg/l
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140903
Timestamp: 2025/03/14 09:13
Sample Type: TOC Standard

Reviewed By:
On:
Inst Id :Appolo-9000
LB :LB135456

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			6076768	-2.111	-1.112	111
2			6011750	-1.590	-0.594	85
3			6120679	-1.745	-0.748	92
4			6127106	-1.924	-0.925	95

<<<Statistics>>> Mean: 6084076 Std Dev: 53153 RSD: 0.87

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140930
Timestamp: 2025/03/14 09:32
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1008.1160	40.3246	3040203	-2.708	-1.710	74

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140932
Timestamp: 2025/03/14 09:34
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1026.3085	41.0523	3095067	-2.463	-1.465	74

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140935
Timestamp: 2025/03/14 09:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1034.6257	41.3850	3120149	-2.458	-1.467	72

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140937
Timestamp: 2025/03/14 09:39
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1033.1101	41.3244	3115579	-2.438	-1.439	73

Sample ID: ICB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140941
Timestamp: 2025/03/14 09:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.8958	0.3158	23812	-2.583	-2.673	120

Last Message: Low Sample Detected
=====

Sample ID:	ICB	Mode:	TOC
Method:	Boat Sampler	Filename:	03140944
Cal. Curve:	TOC SOIL	Timestamp:	2025/03/14 09:47
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.5463	0.3019	22758	-2.639	-2.694	120

Last Message: Low Sample Detected
=====

Sample ID:	ICB	Mode:	TOC
Method:	Boat Sampler	Filename:	03140949
Cal. Curve:	TOC SOIL	Timestamp:	2025/03/14 09:50
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.5615	0.5025	37882	-2.737	-1.746	36

Sample ID:	ICB	Mode:	TOC
Method:	Boat Sampler	Filename:	03140951
Cal. Curve:	TOC SOIL	Timestamp:	2025/03/14 09:54
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.3053	0.5322	40125	-2.721	-2.705	120

Last Message: Low Sample Detected
=====

1. Curve ID: TOC SOIL
eated: 2025/03/14 09:14
libration Factor (m): 7.539e+04
Intercept (b): 78996
squared: 0.99960

Standard ID	Y	X Expected	Measured	Message	Date & Time
	Raw Data	ug C	ug C		
3 BLANK	14955	0.000	-0.849	—	2025/03/14 08:33
25 0mg/l	841606	10.000	10.115	7.5	2025/03/14 08:43
50 0mg/l	1649173	20.000	20.827	4.1	2025/03/14 08:52
100 0mg/l	3114148	40.000	40.258	0.6	2025/03/14 09:02
200 0mg/l	6084076	80.000	79.650	-0.4	2025/03/14 09:13
12				12	
3/20/25				3/20/25	

WORKLIST(Hardcopy Internal Chain)

6135456

WorkList Name : toc-1778

WorkList ID : 18969

Department : Wet-Chemistry

Date : 04-16-2025 14:26:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1778-01	AT016P-SD03-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-02	AT016P-SD09-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-03	AT016P-SD10-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-04	SS091P-SD06-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-05	AT016P-SD07-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-06	AT016P-SD08-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-07	AT014P-SD16-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-08	AT014P-SD17-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-09	AT014P-SD18-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-10	AT014P-SD19-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-11	AT014P-SD21-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-12	AT014P-SD20-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-13	AT014P-SD15-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-14	AT014P-SD22-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-15	AT014P-SD23-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-16	AT016P-SD12-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1778-17	AT016P-SD11-040925-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/09/2025	Lloyd Kahn

Date/Time 04/17/25 08:10

Raw Sample Received by: SM (w)

Raw Sample Relinquished by: Jellison

Date/Time 04/17/25 11:20

Raw Sample Received by: Jellison

Raw Sample Relinquished by: RM (w)

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135456

Review By	Review On
Supervise By	Supervise On
SubDirectory	LB135456
Test	TOC
STD. NAME	STD REF.#
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407
ICV Standard	WP112408
CCV Standard	WP112697
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112698
Chk Standard	WP112446

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	BLANK	BLANK	CAL1	03/14/25 08:33		NF IZ	OK
2	250mg/l	250mg/l	CAL2	03/14/25 08:43		NF IZ	OK
3	500mg/l	500mg/l	CAL3	03/14/25 08:52		NF IZ	OK
4	1000mg/l	1000mg/l	CAL4	03/14/25 09:02		NF IZ	OK
5	2000mg/l	2000mg/l	CAL5	03/14/25 09:13		NF IZ	OK
6	ICV1	ICV1	ICV	03/14/25 09:39		NF IZ	OK
7	ICB1	ICB1	ICB	03/14/25 09:54		NF IZ	OK
8	CCV1	CCV1	CCV	04/17/25 09:05		NF IZ	OK
9	CCB1	CCB1	CCB	04/17/25 09:40		NF IZ	OK
10	LB135456BLS	LB135456BLS	MB	04/17/25 09:53		NF IZ	OK
11	LB135456BSS	LB135456BSS	LCS	04/17/25 10:02		NF IZ	OK
12	Q1778-01	AT016P-SD03-040825	SAM	04/17/25 10:13		NF IZ	OK
13	Q1778-02	AT016P-SD09-040825	SAM	04/17/25 10:26		NF IZ	OK
14	Q1778-03	AT016P-SD10-040825	SAM	04/17/25 10:45		NF IZ	OK
15	Q1778-04	SS091P-SD06-040825	SAM	04/17/25 10:54		NF IZ	OK
16	Q1778-05	AT016P-SD07-040825	SAM	04/17/25 11:06		NF IZ	OK
17	Q1778-05MS	AT016P-SD07-040825	MS	04/17/25 11:17		NF IZ	OK
18	Q1778-05MSD	AT016P-SD07-040825	MSD	04/17/25 11:35		NF IZ	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135456

Review By	Review On
Supervise By	Supervise On
SubDirectory	LB135456
Test	TOC
STD. NAME	STD REF.#
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407
ICV Standard	WP112408
CCV Standard	WP112697
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112698
Chk Standard	WP112446

19	Q1778-06	AT016P-SD08-040825	SAM	04/17/25 11:45		NF IZ	OK
20	CCV2	CCV2	CCV	04/17/25 11:59		NF IZ	OK
21	CCB2	CCB2	CCB	04/17/25 12:19		NF IZ	OK
22	Q1778-07	AT014P-SD16-040825	SAM	04/17/25 12:31		NF IZ	OK
23	Q1778-08	AT014P-SD17-040825	SAM	04/17/25 12:48		NF IZ	OK
24	Q1778-09	AT014P-SD18-040825	SAM	04/17/25 13:06		NF IZ	OK
25	Q1778-10	AT014P-SD19-040825	SAM	04/17/25 13:15		NF IZ	OK
26	Q1778-11	AT014P-SD21-040825	SAM	04/17/25 13:25		NF IZ	OK
27	Q1778-12	AT014P-SD20-040825	SAM	04/17/25 13:35		NF IZ	OK
28	Q1778-13	AT014P-SD15-040825	SAM	04/17/25 13:44		NF IZ	OK
29	Q1778-14	AT014P-SD22-040825	SAM	04/17/25 13:53		NF IZ	OK
30	Q1778-15	AT014P-SD23-040825	SAM	04/17/25 14:05		NF IZ	OK
31	Q1778-16	AT016P-SD12-040825	SAM	04/17/25 14:14		NF IZ	OK
32	CCV3	CCV3	CCV	04/17/25 14:27		NF IZ	OK
33	CCB3	CCB3	CCB	04/17/25 14:41		NF IZ	OK
34	Q1778-17	AT016P-SD11-040925	SAM	04/17/25 15:01		NF IZ	OK
35	CCV4	CCV4	CCV	04/17/25 15:14		NF IZ	OK
36	CCB4	CCB4	CCB	04/17/25 15:50		NF IZ	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1778

Test : Percent Solids, TOC

Prepbatch ID :

Sequence ID/Qc Batch ID: LB135456,

Standard ID :

WP111436, WP111437, WP112403, WP112404, WP112405, WP112406, WP112407, WP112408, WP112446, WP112697, WP
112698,

Chemical ID :

W2784, W2860, W3112, W3169,

[illegible]

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2051	TOC STOCK STD-SS, 4000PPM	WP111437	01/15/2025	06/30/2025	Niha Farheen Shaik	WETCHEM_SCALE_5 (WC)	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 01/16/2025
<u>FROM</u>	5.00000ml of W2860 + 8.51200gram of W2784 + 990.00000ml of W3112 = Final Quantity: 1000.000 ml							

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
304	TOC CAL 0.00ppm	WP112403	03/14/2025	03/21/2025	Niha Farheen Shaik	None	None	Iwona Zarych 03/20/2025

FROM 100.00000ml of W3112 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
712	TOC SOIL cal 250ppm	WP112404	03/14/2025	03/21/2025	Niha Farheen Shaik	None	WETCHEM_FIPETTE_3 (WC)	Iwona Zarych 03/20/2025

FROM 15.00000ml of W3112 + 1.00000ml of WP111436 = Final Quantity: 16.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
710	TOC SOIL cal 500ppm	WP112405	03/14/2025	03/21/2025	Niha Farheen Shaik	None	WETCHEM_PIPETTE_3	Iwona Zarych
<u>FROM</u> 14.00000ml of W3112 + 2.00000ml of WP111436 = Final Quantity: 16.000 ml 								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3544	TOC SOIL Cal- CCV 1000PPM	WP112406	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025
<u>FROM</u> 15.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 20.000 ml								

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
713	TOC SOIL cal 2000ppm	WP112407	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025

FROM 5.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2819	TOC ICV-LCSS, 1000PPM	WP112408	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025

FROM 15.00000ml of W3112 + 5.00000ml of WP111437 = Final Quantity: 20.000 ml

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
613	Phosphoric acid reagent	WP112446	03/25/2025	09/25/2025	Niha Farheen Shaik	None	None	Iwona Zarych
								03/26/2025

FROM 150.00000ml of W3112 + 50.00000ml of W2860 = Final Quantity: 200.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3544	TOC SOIL Cal- CCV 1000PPM	WP112697	04/14/2025	04/21/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh
								04/16/2025

FROM 15.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 20.000 ml

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2819	TOC ICV-LCSS, 1000PPM	WP112698	04/14/2025	04/21/2025	Iwona Zarych	None	Glass Pipette-A	Jignesh Parikh 04/16/2025

FROM 15.00000ml of W3112 + 5.00000ml of WP111437 = Final Quantity: 20.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	P243-500 / Potassium Hydrogen Phthalate, 500 gms	201089	06/30/2025	12/23/2020 / apatel	12/16/2020 / apatel	W2784

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J0260-3 / Phosphoric Acid, 2.5 L	0000278313	01/31/2026	07/12/2021 / apatel	07/12/2021 / apatel	W2860

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	P243-500 / Potassium Hydrogen Phthalate, 500 gms	24H0956262	04/28/2026	01/03/2025 / lwona	01/03/2025 / lwona	W3169

Phosphoric Acid
BAKER ANALYZED® A.C.S. Reagent

(orthophosphoric acid)



Material No.: 0260-03
Batch No.: 0000278313
Manufactured Date: 2021/02/01
Retest Date: 2026/01/31
Revision No: 2

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (H_3PO_4) (by acidimetry)	85.0 – 87.0 %	85.8
Calcium (Ca)	≤ 0.002 %	< 0.001
Color (APHA)	≤ 10	5
Insoluble Matter	≤ 0.001 %	< 0.001
ACS – Magnesium (Mg)	≤ 0.002 %	< 0.002
Sulfate (SO_4)	≤ 12 ppm	< 4
Volatile Acids (as CH_3COOH)	≤ 0.001 %	0.001
Reducing Substances	Passes Test	PT
Chloride (Cl)	≤ 3 ppm	< 1
Nitrate (NO_3)	≤ 5 ppm	< 2
Trace Impurities – Antimony (Sb)	≤ 20.000 ppm	0.007
Trace Impurities – Arsenic (As)	≤ 0.500 ppm	< 0.001
Trace Impurities – Iron (Fe)	≤ 10.000 ppm	< 1.000
Heavy Metals (as Pb)	≤ 8 ppm	< 3
Trace Impurities – Manganese (Mn)	≤ 0.500 ppm	0.005
Trace Impurities – Potassium (K)	≤ 40.000 ppm	< 0.001
Trace Impurities – Sodium (Na)	≤ 200.000 ppm	0.082

For Laboratory, Research or Manufacturing Use

Exceeds A.C.S. Specifications

Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Certificate of Analysis

ThermoFisher
SCIENTIFIC

Certificate of Analysis

1 Reagent Lane

Fair Lawn, NJ 07410

201.796.7100 tel

201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	P243	Quality Test / Release Date	06/19/2020
Lot Number	201089		
Description	POTASSIUM HYDROGEN PHTHALATE, ACIDIMETRIC STANDARD, A.C.S.		
Country of Origin	Spain	Suggested Retest Date	Jun/2025
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	WHITE CRYSTALS
ASSAY POTASSIUM HYDROGEN PHTHALATE	%	Inclusive Between 99.95 - 100.05	100.03
CHLORINE COMPOUNDS	%	<= 0.003	<0.003
HEAVY METALS (as Pb)	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.005	<0.005
IRON (Fe)	ppm	<= 5	<5
PH OF 0.05M SOLUTION		Inclusive Between 4.00 - 4.02	4.00
SODIUM (Na)	%	<= 0.005	<0.005
SULFUR COMPOUNDS	%	<= 0.002	<0.002%
TRACEABLE TO NIST	SOD CARBONATE	= LOT 351a	351a
TRACEABLE TO NIST KHP STD	POT. ACID PHTHALATE	= LOT 84L	84L



Julian Burton - Quality Control Manager – Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.



Material	BDH9260-500G
Material Description	BDH POTASS HYDRGN PHTHLTE 500G
Grade	ACS GRADE
Batch	24H0956262
Reassay Date	04/28/2026
CAS Number	877-24-7
Molecular Formula	HOCC6H4COOK
Molecular Mass	204.22
Date of Manufacture	04/29/2023
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	White crystals.	White crystals.
Assay (dried basis)	99.95 - 100.05 %	99.98 %
Chlorine Compounds	<= 0.003 %	<0.003 %
Heavy Metals (as Pb)	<= 5 ppm	<5 ppm
Insoluble Matter	<= 0.005 %	0.003 %
Iron	<= 5 ppm	<5 ppm
pH (0.05M, Water) @25C	4.00 - 4.02	4.00
Sodium	<= 0.005 %	<0.005 %
Sulfur Compounds	<= 0.002 %	<0.002 %

Internal ID #: 322

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135394

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1775-01	SS050P-SD43-040725-00	1	1.15	10.35	11.5	6.12	48.0	
Q1775-02	SS050P-SD42-040725-00	2	1.15	10.18	11.33	7.22	59.6	
Q1775-03	SS050P-SD41-040725-00	3	1.15	10.12	11.27	6.88	56.6	
Q1775-04	SS050P-SD40-040725-00	4	1.16	11.92	13.08	7.03	49.2	
Q1775-05	SS050P-SD39-040725-00	5	1.15	10.21	11.36	7.69	64.1	
Q1775-06	SS050P-SD38-040725-00	6	1.16	11.21	12.37	9.22	71.9	
Q1775-07	SS050P-SD37-040725-00	7	1.18	10.39	11.57	9.76	82.6	
Q1775-08	SS050P-SD36-040725-00	8	1.17	10.91	12.08	10.12	82.0	
Q1775-09	SS050P-SD35-040725-00	9	1.13	10.62	11.75	8.47	69.1	
Q1775-10	SS050P-SD34-040725-00	10	1.13	10.92	12.05	7.16	55.2	
Q1775-11	SS050P-SD33-040725-00	11	1.15	11.04	12.19	7.26	55.3	
Q1775-12	SS050P-SD27-040725-00	12	1.16	10.05	11.21	7.65	64.6	
Q1775-13	SS050P-SD28-040725-00	13	1.13	10.98	12.11	10.09	81.6	
Q1775-14	SS050P-SD30-040725-00	14	1.14	10.00	11.14	9.25	81.1	
Q1775-15	SS050P-SD31-040725-00	15	1.16	10.21	11.37	9.24	79.1	
Q1777-01	AT054P-SD41-040825-00	43	1.14	10.53	11.67	7.93	64.5	
Q1777-02	AT054P-SD40-040825-00	44	1.17	11.23	12.4	3.39	19.8	
Q1777-03	AT054P-SD39-040825-00	45	1.19	10.50	11.69	6.4	49.6	
Q1777-04	AT054P-SD38-040825-00	46	1.14	10.26	11.4	7.27	59.7	
Q1777-05	AT054P-SD42-040825-00	47	1.14	10.53	11.67	4.8	34.8	
Q1777-06	SS050P-SD20-040825-00	48	1.19	10.09	11.28	8.92	76.6	
Q1777-07	SS050P-SD26-040825-00	49	1.15	10.08	11.23	6.87	56.7	
Q1777-08	SS050P-SD08-040825-00	50	1.16	10.29	11.45	9.34	79.5	
Q1777-09	SS050P-SD07-040825-00	51	1.16	10.23	11.39	9.57	82.2	
Q1777-10	SS050P-SD06-040825-00	52	1.19	10.57	11.76	10.13	84.6	
Q1777-11	SS057P-SD06-040825-00	53	1.16	12.65	13.81	7.38	49.2	
Q1777-12	SS057P-SD05-040825-00	54	1.14	11.16	12.3	9.00	70.4	
Q1778-01	AT016P-SD03-040825-00	67	1.17	10.53	11.7	9.93	83.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135394

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1778-02	AT016P-SD09-040825-00	68	1.18	10.15	11.33	8.93	76.4	
Q1778-03	AT016P-SD10-040825-00	69	1.14	10.73	11.87	4.34	29.8	
Q1778-04	SS091P-SD06-040825-00	70	1.14	10.78	11.92	9.59	78.4	
Q1778-05	AT016P-SD07-040825-00	71	1.15	10.99	12.14	10.09	81.3	
Q1778-06	AT016P-SD08-040825-00	72	1.19	10.03	11.22	8.28	70.7	
Q1778-07	AT014P-SD16-040825-00	73	1.17	11.51	12.68	10.38	80.0	
Q1778-08	AT014P-SD17-040825-00	74	1.17	10.41	11.58	9.62	81.2	
Q1778-09	AT014P-SD18-040825-00	75	1.13	10.45	11.58	10.69	91.5	
Q1778-10	AT014P-SD19-040825-00	76	1.17	10.83	12.00	11.58	96.1	
Q1778-11	AT014P-SD21-040825-00	77	1.16	10.98	12.14	7.93	61.7	
Q1778-12	AT014P-SD20-040825-00	78	1.14	10.19	11.33	8.68	74.0	
Q1778-13	AT014P-SD15-040825-00	79	1.14	11.76	12.9	11.79	90.6	
Q1778-14	AT014P-SD22-040825-00	80	1.16	10.07	11.23	8.83	76.2	
Q1778-15	AT014P-SD23-040825-00	81	1.18	10.52	11.7	8.26	67.3	
Q1778-16	AT016P-SD12-040825-00	82	1.16	11.23	12.39	10.1	79.6	
Q1778-17	AT016P-SD11-040925-00	83	1.16	11.83	12.99	3.24	17.6	
Q1783-01	SU-03-41125	22	1.15	10.03	11.18	10.16	89.8	
Q1783-02	SU-03-41125-E2	23	1.18	10.22	11.4	10.36	89.8	
Q1784-01	OR-01-41125	24	1.19	10.07	11.26	10.5	92.5	
Q1784-02	OR-01-41125	25	1.18	10.39	11.57	10.72	91.8	
Q1785-01	HR-02-041125	26	1.19	10.43	11.62	10.92	93.3	
Q1785-02	HR-02-041125-E2	27	1.19	10.16	11.35	10.69	93.5	
Q1785-03	HR-03-041125	28	1.18	10.27	11.45	10.91	94.7	
Q1785-04	HR-03-041125-E2	29	1.18	10.51	11.69	11.11	94.5	
Q1786-01	41 MORRIS AVE-NEWARK	30	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1787-01	TP-5C	31	1.14	10.46	11.6	11.01	94.4	
Q1787-02	TP-5C-EPH	32	1.14	9.88	11.02	10.46	94.3	
Q1787-03	TP-5C-VOC	33	1.19	10.50	11.69	10.97	93.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135394

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1787-05	TP-2C	34	1.15	10.83	11.98	10.48	86.1	
Q1787-06	TP-2C-EPH	35	1.13	10.64	11.77	10.19	85.2	
Q1787-07	TP-2C-VOC	36	1.17	10.10	11.27	9.69	84.4	
Q1787-09	TP-1	37	1.18	10.51	11.69	9.96	83.5	
Q1787-10	TP-1-EPH	38	1.15	10.89	12.04	10.39	84.8	
Q1787-11	TP-1-VOC	39	1.19	10.39	11.58	9.94	84.2	
Q1788-01	WC-1	40	1.19	10.23	11.42	9.84	84.6	
Q1788-02	WC-1-EPH	41	1.18	10.59	11.77	10.06	83.9	
Q1788-03	WC-1-VOC	42	1.18	10.07	11.25	10.21	89.7	
Q1790-01	S-872-GI-SO-20.0-20.5-041025	16	1.13	7.66	8.79	6.96	76.1	
Q1790-02	Q1790-01MS	17	1.13	7.66	8.79	6.96	76.1	
Q1790-03	Q1790-01MSD	18	1.13	7.66	8.79	6.96	76.1	
Q1790-04	S-871-GI-SO-23.0-23.5-041025	19	1.14	6.87	8.01	6.38	76.3	
Q1790-05	S-871-GI-SO-23.0-23.5-041025-FD	20	1.12	6.87	7.99	6.36	76.3	
Q1790-06	S-870-GI-SO-22.0-22.5-041025	21	1.13	5.95	7.08	5.28	69.7	
Q1791-07	290502	84	1.13	11.29	12.42	4.74	32.0	sludge sample
Q1792-01	TR-05-041125	55	1.19	10.51	11.7	10.64	89.9	
Q1792-02	TR-05-041125-E2	56	1.14	10.12	11.26	10.23	89.8	
Q1793-05	SVOC-GPC-BLANK	57	1.00	1.00	2.00	2.00	100.0	
Q1793-06	PEST-GPC-BLANK	58	1.00	1.00	2.00	2.00	100.0	
Q1793-07	PEST-GPC-BLANK-SPIKE	59	1.00	1.00	2.00	2.00	100.0	
Q1793-08	PCB-GPC-BLANK	60	1.00	1.00	2.00	2.00	100.0	
Q1793-09	PCB-GPC-BLANK-SPIKE	61	1.00	1.00	2.00	2.00	100.0	
Q1793-10	SVOC-GPC2-BLANK	62	1.00	1.00	2.00	2.00	100.0	
Q1793-11	PEST-GPC2-BLANK	63	1.00	1.00	2.00	2.00	100.0	
Q1793-12	PEST-GPC2-BLANK-SPIKE	64	1.00	1.00	2.00	2.00	100.0	
Q1793-13	PCB-GPC2-BLANK	65	1.00	1.00	2.00	2.00	100.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 04/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135394

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1793-14	PCB-GPC2-BLANK-SPIKE	66	1.00	1.00	2.00	2.00	100.0	
Q1794-01	40325-C-G-COMP	85	1.12	10.03	11.15	8.63	74.9	
Q1795-01	40425	86	1.13	11.77	12.9	10.6	80.5	
Q1796-01	SEAL-POT (PIPE) -40325	87	1.00	1.00	2.00	2.00	100.0	wipe sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-041125

WorkList ID : 188871

Department : Wet-Chemistry

Date : 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1775-01	SS050P-SD43-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-02	SS050P-SD42-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-03	SS050P-SD41-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-04	SS050P-SD40-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-05	SS050P-SD39-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-06	SS050P-SD38-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-07	SS050P-SD37-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-08	SS050P-SD36-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-09	SS050P-SD35-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-10	SS050P-SD34-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-11	SS050P-SD33-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-12	SS050P-SD27-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-13	SS050P-SD28-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-14	SS050P-SD30-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1775-15	SS050P-SD31-040725-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1777-01	AT054P-SD41-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/07/2025	Chemtech -SO
Q1777-02	AT054P-SD40-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-03	AT054P-SD39-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-04	AT054P-SD38-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-05	AT054P-SD42-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-06	SS050P-SD20-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO

Date/Time 04-11-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 04-11-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

135394

WorkList Name : %1-041125

WorkList ID : 188871

Department : Wet-Chemistry

Date : 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1777-07	SS050P-SD26-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-08	SS050P-SD08-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-09	SS050P-SD07-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-10	SS050P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-11	SS057P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1777-12	SS057P-SD05-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-01	AT016P-SD03-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-02	AT016P-SD09-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-03	AT016P-SD10-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-04	SS091P-SD06-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-05	AT016P-SD07-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-06	AT016P-SD08-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-07	AT014P-SD16-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-08	AT014P-SD17-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-09	AT014P-SD18-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-10	AT014P-SD19-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-11	AT014P-SD21-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-12	AT014P-SD20-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-13	AT014P-SD15-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-14	AT014P-SD22-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-15	AT014P-SD23-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO

Date/Time 04-11-25 15:00

Raw Sample Received by: 30 wcy

Raw Sample Relinquished by: [Signature]

Date/Time 04-11-25 17:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

VB 193594
VB 135394

WorkList Name : %1-041125

WorkList ID : 188871

Department : Wet-Chemistry

Date : 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1778-16	AT016P-SD12-040825-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/08/2025	Chemtech -SO
Q1778-17	AT016P-SD11-040925-00	Solid	Percent Solids	Cool 4 deg C	WEST04	F11	04/09/2025	Chemtech -SO
Q1783-01	SU-03-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1783-02	SU-03-41125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1784-01	OR-01-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1784-02	OR-01-41125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-01	HR-02-041125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-02	HR-02-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-03	HR-03-041125	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1785-04	HR-03-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1786-01	41 MORRIS AVE-NEWARK	Solid	Percent Solids	Cool 4 deg C	PSEG05	K11	04/11/2025	Chemtech -SO
Q1787-01	TP-5C	Solid	Percent Solids	Cool 4 deg C	PSEG03	K11	04/11/2025	Chemtech -SO
Q1787-02	TP-5C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/11/2025	Chemtech -SO
Q1787-03	TP-5C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-05	TP-2C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-06	TP-2C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-07	TP-2C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-09	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-10	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1787-11	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/10/2025	Chemtech -SO
Q1788-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/10/2025	Chemtech -SO

Date/Time 04-11-25 15:00
Raw Sample Received by: SP Lwe
Raw Sample Relinquished by: SP Lwe

Date/Time 04-11-25 17:35
Raw Sample Received by: SP Lwe
Raw Sample Relinquished by: SP Lwe

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-041125

WorkList ID : 188871

Department : Wet-Chemistry

Date : 04-11-2025 08:24:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1788-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1788-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1790-01	S-872-GI-SO-20.0-20.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-02	Q1790-01MS	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-03	Q1790-01MSD	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-04	S-871-GI-SO-23.0-23.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-05	S-871-GI-SO-23.0-23.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1790-06	S-870-GI-SO-22.0-22.5-041025	Solid	Percent Solids	Cool 4 deg C	JACO05	L31	04/10/2025	Chemtech -SO
Q1791-07	290502	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO
Q1792-01	TR-05-041125	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/11/2025	Chemtech -SO
Q1792-02	TR-05-041125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/11/2025	Chemtech -SO
Q1793-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO
Q1793-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	04/11/2025	Chemtech -SO

Date/Time 04.11.25 15:10:00

Raw Sample Received by: Jo Wey

Raw Sample Relinquished by: Jo Wey

Date/Time 04.11.25

Raw Sample Received by: Jo Wey

Raw Sample Relinquished by: Jo Wey

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-041125

WorkList ID : 188871

Department : Wet-Chemistry

Date : 04-11-2025 08:24:39

17173594
18 18 135394

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1794-01	40325-C-G-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/11/2025	Chemtech -SO
Q1795-01	40425	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/11/2025	Chemtech -SO
Q1796-01	SEAL-POT(PIPE)-40325	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/11/2025	Chemtech -SO

Date/Time 04-11-25 13:10:00
Raw Sample Received by: 18 18 135394
Raw Sample Relinquished by: 18 18 135394

Date/Time 04-11-25 17:13:55
Raw Sample Received by: 18 18 135394
Raw Sample Relinquished by: 18 18 135394



SHIPPING DOCUMENTS

Q1778



Weston COC ID
LK_Chernuech_20250408_1640

Chain of Custody Record/Lab Work Request

Page 1 of 2

Client:	Weston Solutions, Inc.		
Project Manager:	Bob McGlade		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-701-3133	ST, ZIP:	PA, 19038
e-mail:	r.mcglade@westonsolutions.com		
Sampled By:	Katie Rembert		

Project Name:	Joint Base McGuire-Dix-Lakehurst	Project POC:	Kent Alexander
PO Number	0111638	Phone:	720-474-4500
W.O. #:	03886.555.001	POC e-mail:	kent.alexander@westonsolutions.com
Lab:	Chemtech	Lab POC:	Jordan Hedvat
TAT (days):	14	Lab Phone:	(908) 728-3144
Lab Address:	284 Sheffield St. Mountainside, NJ 07092		

Matrix Codes
SB - Soil
SS - Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate properly preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

Analyses Requested:	TOC (Lloyd Kahn)																			
Container Type:	Glass Jar																			
Container Size:	8 oz																			
Preservative:	Ice to 6C																			

#	Sample ID	G/C	Matrix	MS/MSD	Date Collected	Time Collected	Special Instructions/Comments														
1	AT016P-SD03-040825-00	z	SD	no	4/8/2025	8:35	1														
2	AT016P-SD09-040825-00	z	SD	no	4/8/2025	9:00	1														
3	AT016P-SD10-040825-00	z	SD	no	4/8/2025	9:20	1														
4	SS091P-SD06-040825-00	z	SD	no	4/8/2025	9:55	1														
5	AT016P-SD07-040825-00	z	SD	no	4/8/2025	10:15	1														
6	AT016P-SD08-040825-00	z	SD	no	4/8/2025	10:25	1														
7	AT014P-SD16-040825-00	z	SD	no	4/8/2025	11:05	1														
8	AT014P-SD17-040825-00	z	SD	no	4/8/2025	11:25	1														
9	AT014P-SD18-040825-00	z	SD	no	4/8/2025	11:40	1														
10	AT014P-SD19-040825-00	z	SD	no	4/8/2025	11:55	1														
11	AT014P-SD21-040825-00	z	SD	no	4/8/2025	12:10	1														
12	AT014P-SD20-040825-00	z	SD	no	4/8/2025	12:20	1														

Shipping Airbill Number:				Cooler Number:				of			
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments					
1.) [Signature]	4/9/25	0953	[Signature]	4-10-25	9:50	2.3 IP-Gun #1 "Adjust factor +1"					
2.) [Signature]											
3.)											



WESTON
SOLUTIONS

Page 2 of 2

Matrix Codes
SB - Soil
SS - Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Analyses Requested:	TOC (Lloyd Kahn)									
	Container Type:	Glass Jar								
	Container Size:	8 oz								
	Preservative:	Ice to 6C								

Shipping Airbill Number:				Cooler Number:		of	
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments	
	4/9/25	0953		4-10-25	9:50	2.3" - If Count 1 "Adjust factor + 1"	

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488