

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:	Q1777	OrderDate:	4/10/2025 11:54:00 AM
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
Q1777-01	AT054P-SD41-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:20		04/15/25 09:42	04/10/25
Q1777-02	AT054P-SD40-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:40		04/15/25 10:03	04/10/25
Q1777-03	AT054P-SD39-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 08:55		04/15/25 10:14	04/10/25
Q1777-04	AT054P-SD38-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:10		04/15/25 10:28	04/10/25
Q1777-05	AT054P-SD42-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 09:30		04/15/25 10:44	04/10/25
Q1777-06	SS050P-SD20-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:05		04/15/25 10:55	04/10/25
Q1777-07	SS050P-SD26-040825 -00	SOIL	TOC	Lloyd Kahn	04/08/25 10:45		04/15/25 12:08	04/10/25

LAB CHRONICLE

Q1777-08	SS050P-SD08-040825 -00	SOIL			04/08/25 10:55		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:17	
Q1777-09	SS050P-SD07-040825 -00	SOIL			04/08/25 11:15		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:26	
Q1777-10	SS050P-SD06-040825 -00	SOIL			04/08/25 11:35		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:43	
Q1777-11	SS057P-SD06-040825 -00	SOIL			04/08/25 12:40		04/10/25
			TOC	Lloyd Kahn		04/15/25 12:55	
Q1777-12	SS057P-SD05-040825 -00	SOIL			04/08/25 12:50		04/10/25
			TOC	Lloyd Kahn		04/15/25 13:27	



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 08:20
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD41-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-01	Matrix:	SOIL
		% Solid:	64.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	16000	OR	1	43.4	50.0	250	mg/Kg		04/15/25 09:42	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 08:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD40-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-02	Matrix:	SOIL
		% Solid:	19.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	68100	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:03	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 08:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD39-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-03	Matrix:	SOIL
		% Solid:	49.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	29000	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:14	Lloyd Kahn

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 09:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD38-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-04	Matrix:	SOIL
		% Solid:	59.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	32500	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:28	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 09:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	AT054P-SD42-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-05	Matrix:	SOIL
		% Solid:	34.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	27100	OR	1	43.4	50.0	250	mg/Kg		04/15/25 10:44	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 10:05
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD20-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-06	Matrix:	SOIL
		% Solid:	76.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6700		1	43.4	50.0	250	mg/Kg		04/15/25 10:55	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 10:45
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD26-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-07	Matrix:	SOIL
		% Solid:	56.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	28600	OR	1	43.4	50.0	250	mg/Kg		04/15/25 12:08	Lloyd Kahn

Comments:

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LOD = Limit of Detection

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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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OR = Over Range

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 10:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD08-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-08	Matrix:	SOIL
		% Solid:	79.5

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4430		1	43.4	50.0	250	mg/Kg		04/15/25 12:17	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 11:15
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD07-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-09	Matrix:	SOIL
		% Solid:	82.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4120		1	43.4	50.0	250	mg/Kg		04/15/25 12:26	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.

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 11:35
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS050P-SD06-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-10	Matrix:	SOIL
		% Solid:	84.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4270		1	43.4	50.0	250	mg/Kg		04/15/25 12:43	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

* = indicates the duplicate analysis is not within control limits.

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OR = Over Range

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Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:40
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS057P-SD06-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-11	Matrix:	SOIL
		% Solid:	49.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	16700	OR	1	43.4	50.0	250	mg/Kg		04/15/25 12:55	Lloyd Kahn

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	04/08/25 12:50
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	04/10/25
Client Sample ID:	SS057P-SD05-040825-00	SDG No.:	Q1777
Lab Sample ID:	Q1777-12	Matrix:	SOIL
		% Solid:	70.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	9200		1	43.4	50.0	250	mg/Kg		04/15/25 13:27	Lloyd Kahn

Comments:

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D = Dilution

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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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QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1777

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135427

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	994	1000	99	90-110	04/15/2025
Sample ID: TOC	CCV2	mg/L	1060	1000	106	90-110	04/15/2025
Sample ID: TOC	CCV3	mg/L	1060	1000	106	90-110	04/15/2025

Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1777

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135427

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	04/15/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/15/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	04/15/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1777

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135427BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/15/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1777-06
Client ID:	SS050P-SD20-040825-00MS	Percent Solids for Spike Sample:	76.6

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	7570		6700		1000	1	87		04/15/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1777-06
Client ID:	SS050P-SD20-040825-00MSD	Percent Solids for Spike Sample:	76.6

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	7500		6700		1000	1	80		04/15/2025

Duplicate Sample Summary

Client: Weston Solutions	SDG No.: Q1777
Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID: Q1777-06
Client ID: SS050P-SD20-040825-00MSD	Percent Solids for Spike Sample: 76.6

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7570		7500		1	1		04/15/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1777
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135427

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135427BSS							
TOC	mg/Kg	1000	1030		103	1	90-110	04/15/2025



RAW DATA

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	1002.2487			TOC	
CCV1	1013.8850			TOC	
CCV1	928.0231			TOC	
CCV1.....	1032.8380...	..	...	TOC	..
CCB1	6.8800			TOC	
CCB1	12.1933			TOC	
CCB1.....	3.4336...	..	...	TOC	..
CCB1	10.6706			TOC	
LB135427BLS	7.9107			TOC	
LB135427BLS.....	19.1689...	..	...	TOC	..
LB135427BLS	2.1105			TOC	
LB135427BLS	13.6045			TOC	
LB135427BSS.....	1061.2737...	..	...	TOC	..
LB135427BSS	1058.2350			TOC	
LB135427BSS	946.5304			TOC	
LB135427BSS.....	1051.9203...	..	...	TOC	..
Q1777-01	14084.1182			TOC	
Q1777-01	18686.8262			TOC	
Q1777-01.....	14586.7832...	..	...	TOC	..
Q1777-01	16485.0898			TOC	
Q1777-02	67704.2188			TOC	
Q1777-02.....	69649.3281...	..	...	TOC	..
Q1777-02	64694.9648			TOC	
Q1777-02	70252.6406			TOC	
Q1777-03.....	28514.0332...	..	...	TOC	..
Q1777-03	27228.8086			TOC	
Q1777-03	33403.0312			TOC	
Q1777-03.....	27040.1777...	..	...	TOC	..
Q1777-04	30167.6094			TOC	
Q1777-04	33633.5508			TOC	
Q1777-04.....	30741.3242...	..	...	TOC	..
Q1777-04	35409.5430			TOC	
Q1777-05	31649.8730			TOC	
Q1777-05.....	27365.9492...	..	...	TOC	..
Q1777-05	24537.2754			TOC	
Q1777-05	24778.5000			TOC	
Q1777-06.....	7151.9927...	..	...	TOC	..
Q1777-06	6922.0952			TOC	
Q1777-06	5975.4048			TOC	
Q1777-06.....	6761.5498...	..	...	TOC	..
Q1777-06MS	7006.4116			TOC	
Q1777-06MS	7259.6445			TOC	
Q1777-06MS.....	7354.6060...	..	...	TOC	..
Q1777-06MS	8653.2168			TOC	
Q1777-06MSD	8091.5381			TOC	
Q1777-06MSD.....	7204.8037...	..	...	TOC	..
Q1777-06MSD	7711.0527			TOC	
Q1777-06MSD	7010.2544			TOC	
CCV2.....	1104.6489...	..	...	TOC	..
CCV2	1018.0663			TOC	
CCV2	1058.7111			TOC	
CCV2.....	1068.2856...	..	...	TOC	..
CCB2	7.1981			TOC	
CCB2	11.0816			TOC	
CCB2.....	5.7463...	..	...	TOC	..
CCB2	4.3401			TOC	
Q1777-07	28783.3477			TOC	
Q1777-07.....	30177.6270...	..	...	TOC	..
Q1777-07	29133.7324			TOC	
Q1777-07	26305.7383			TOC	
Q1777-08.....	3974.7209...	..	...	TOC	..
Q1777-08	4009.7395			TOC	
Q1777-08	4053.7080			TOC	
Q1777-08.....	5674.0859...	..	...	TOC	..

Q1777-09	4042.0310		TOC	
Q1777-09	3964.4651		TOC	
Q1777-09.....	4494.8286...	..	...TOC	..
Q1777-09	3992.1262		TOC	
Q1777-10	4487.6348		TOC	
Q1777-10.....	3692.1265...	..	...TOC	..
Q1777-10	4399.2544		TOC	
Q1777-10	4485.1860		TOC	
Q1777-11.....	17610.0820...	..	...TOC	..
Q1777-11	16785.3770		TOC	
Q1777-11	17212.4727		TOC	
Q1777-11.....	15264.8643...	..	...TOC	..
Q1777-12	10343.7891		TOC	
Q1777-12	9735.1582		TOC	
Q1777-12.....	7622.2451...	..	...TOC	..
Q1777-12	9116.0146		TOC	
CCV3	970.5043		TOC	
CCV3.....	1115.9307...	..	...TOC	..
CCV3	1065.6161		TOC	
CCV3	1090.2721		TOC	
CCB3.....	3.6136...	..	...TOC	..
CCB3	18.6589		TOC	
CCB3	3.9433		TOC	
CCB3.....	12.7527...	..	...TOC	..

Method ID		Sample Type	Vial Timestamp		Message
Boat	Sampler	Sample	2025/04/15	08:36	
Boat	Sampler	Sample	2025/04/15	08:38	
Boat	Sampler	Sample	2025/04/15	08:41	
Boat	Sampler	...Sample	..	..2025/04/15 08:46	..
Boat	Sampler	Sample	2025/04/15	08:52	Low Sample Detected
Boat	Sampler	Sample	2025/04/15	08:54	
Boat	Sampler	...Sample	..	..2025/04/15 08:57	..Low Sample Detected
Boat	Sampler	Sample	2025/04/15	09:00	Low Sample Detected
Boat	Sampler	Sample	2025/04/15	09:04	Low Sample Detected
Boat	Sampler	...Sample	..	..2025/04/15 09:06	..
Boat	Sampler	Sample	2025/04/15	09:09	Low Sample Detected
Boat	Sampler	Sample	2025/04/15	09:11	
Boat	Sampler	...Sample	..	..2025/04/15 09:20	..
Boat	Sampler	Sample	2025/04/15	09:24	
Boat	Sampler	Sample	2025/04/15	09:26	
Boat	Sampler	...Sample	..	..2025/04/15 09:28	..
Boat	Sampler	Sample	2025/04/15	09:35	
Boat	Sampler	Sample	2025/04/15	09:37	
Boat	Sampler	...Sample	..	..2025/04/15 09:40	..
Boat	Sampler	Sample	2025/04/15	09:42	
Boat	Sampler	Sample	2025/04/15	09:49	
Boat	Sampler	...Sample	..	..2025/04/15 09:54	..
Boat	Sampler	Sample	2025/04/15	09:58	
Boat	Sampler	Sample	2025/04/15	10:03	
Boat	Sampler	...Sample	..	..2025/04/15 10:06	..
Boat	Sampler	Sample	2025/04/15	10:09	
Boat	Sampler	Sample	2025/04/15	10:11	
Boat	Sampler	...Sample	..	..2025/04/15 10:14	..
Boat	Sampler	Sample	2025/04/15	10:18	
Boat	Sampler	Sample	2025/04/15	10:22	
Boat	Sampler	...Sample	..	..2025/04/15 10:25	..
Boat	Sampler	Sample	2025/04/15	10:28	
Boat	Sampler	Sample	2025/04/15	10:34	
Boat	Sampler	...Sample	..	..2025/04/15 10:38	..
Boat	Sampler	Sample	2025/04/15	10:41	
Boat	Sampler	Sample	2025/04/15	10:44	
Boat	Sampler	...Sample	..	..2025/04/15 10:47	..
Boat	Sampler	Sample	2025/04/15	10:50	
Boat	Sampler	Sample	2025/04/15	10:52	
Boat	Sampler	...Sample	..	..2025/04/15 10:55	..
Boat	Sampler	Sample	2025/04/15	10:58	
Boat	Sampler	Sample	2025/04/15	11:01	
Boat	Sampler	...Sample	..	..2025/04/15 11:05	..
Boat	Sampler	Sample	2025/04/15	11:07	
Boat	Sampler	Sample	2025/04/15	11:11	
Boat	Sampler	...Sample	..	..2025/04/15 11:13	..
Boat	Sampler	Sample	2025/04/15	11:18	
Boat	Sampler	Sample	2025/04/15	11:21	
Boat	Sampler	...Sample	..	..2025/04/15 11:28	..
Boat	Sampler	Sample	2025/04/15	11:30	
Boat	Sampler	Sample	2025/04/15	11:33	
Boat	Sampler	...Sample	..	..2025/04/15 11:36	..
Boat	Sampler	Sample	2025/04/15	11:40	Low Sample Detected
Boat	Sampler	Sample	2025/04/15	11:43	Low Sample Detected
Boat	Sampler	...Sample	..	..2025/04/15 11:46	..Low Sample Detected
Boat	Sampler	Sample	2025/04/15	11:49	Low Sample Detected
Boat	Sampler	Sample	2025/04/15	11:56	
Boat	Sampler	...Sample	..	..2025/04/15 12:01	..
Boat	Sampler	Sample	2025/04/15	12:05	
Boat	Sampler	Sample	2025/04/15	12:08	
Boat	Sampler	...Sample	..	..2025/04/15 12:10	..
Boat	Sampler	Sample	2025/04/15	12:12	
Boat	Sampler	Sample	2025/04/15	12:15	

Boat Sampler	...	Sample	..	..	2025/04/15 12:17	..	
Boat Sampler		Sample			2025/04/15 12:20		
Boat Sampler		Sample			2025/04/15 12:22		
Boat Sampler	...	Sample	..	..	2025/04/15 12:24	..	
Boat Sampler		Sample			2025/04/15 12:26		
Boat Sampler		Sample			2025/04/15 12:31		
Boat Sampler	...	Sample	..	..	2025/04/15 12:36	..	
Boat Sampler		Sample			2025/04/15 12:40		
Boat Sampler		Sample			2025/04/15 12:43		
Boat Sampler	...	Sample	..	..	2025/04/15 12:46	..	
Boat Sampler		Sample			2025/04/15 12:50		
Boat Sampler		Sample			2025/04/15 12:52		
Boat Sampler	...	Sample	..	..	2025/04/15 12:55	..	
Boat Sampler		Sample			2025/04/15 13:08		
Boat Sampler		Sample			2025/04/15 13:11		
Boat Sampler	...	Sample	..	..	2025/04/15 13:19	..	
Boat Sampler		Sample			2025/04/15 13:27		
Boat Sampler		Sample			2025/04/15 13:35		
Boat Sampler	...	Sample	..	..	2025/04/15 13:39	..	
Boat Sampler		Sample			2025/04/15 13:44		
Boat Sampler		Sample			2025/04/15 13:50		
Boat Sampler	...	Sample	..	..	2025/04/15 13:59	..	Low Sample Detected
Boat Sampler		Sample			2025/04/15 14:15		
Boat Sampler		Sample			2025/04/15 14:19		Low Sample Detected
Boat Sampler	...	Sample	..	..	2025/04/15 14:23	..	Low Sample Detected

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150834
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:36
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1002.2487	40.0899	3022509	-2.058	-1.060	75

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150837
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:38
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1013.8850	40.5554	3057601	-1.821	-0.825	71

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150839
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:41
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	928.0231	37.1209	2798665	-1.869	-0.870	69

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150844
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:46
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1032.8380	41.3135	3114758	-1.844	-0.853	68

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150849
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:52
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.8800	0.2752	20748	-2.020	-2.159	120

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   04150853
Cal. Curve:  TOC SOIL                 Timestamp:  2025/04/15 08:54
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.1933	0.4877	36772	-2.166	-1.178	35

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 04150854
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 08:57
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.4336	0.1373	10355	-2.158	-2.213	120

Last Message: Low Sample Detected

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 04150857
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 09:00
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.6706	0.4268	32180	-2.258	-2.307	120

Last Message: Low Sample Detected

Sample ID: LB135427BLS Mode: TOC
Method: Boat Sampler Filename: 04150901
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 09:04
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.9107	0.3164	23856	-2.308	-2.332	120

Last Message: Low Sample Detected

Sample ID: LB135427BLS Mode: TOC
Method: Boat Sampler Filename: 04150904
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 09:06
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	19.1689	0.7668	57808	-2.325	-1.339	41

Sample ID: LB135427BLS Mode: TOC
Method: Boat Sampler Filename: 04150906
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 09:09
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.1105	0.0844	6365	-2.316	-2.391	120

Last Message: Low Sample Detected

Sample ID: LB135427BLS Mode: TOC
Method: Boat Sampler Filename: 04150910

Cal. Curve: TOC S0IL
Operator ID: NF IZ

Timestamp: 2025/04/15 09:11
Sample Type: Sample

Reviewed By:Iwona
On:4/16/2025 12:59:04
PM
Inst Id :Appolo-9000
LB :LB135427

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.6045	0.5442	41028	-2.383	-1.388	37

Sample ID: LB135427BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04150918
Timestamp: 2025/04/15 09:20
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1061.2737	42.4509	3200512	-2.385	-1.385	78

Sample ID: LB135427BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04150922
Timestamp: 2025/04/15 09:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1058.2350	42.3294	3191348	-2.378	-1.379	77

Sample ID: LB135427BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04150924
Timestamp: 2025/04/15 09:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	946.5304	37.8612	2854478	-1.999	-1.007	68

Sample ID: LB135427BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04150927
Timestamp: 2025/04/15 09:28
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1051.9203	42.0768	3172305	-2.268	-1.271	74

Sample ID: Q1777-01
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 04150933
Timestamp: 2025/04/15 09:35
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14084.1182	107.0393	8070034	1.100	2.097	80

Sample ID: Q1777-01
Method: Boat Sampler
Cal. Curve: TOC S0IL

Mode: TOC
Filename: 04150935
Timestamp: 2025/04/15 09:37

Operator ID: NF IZ

Sample Type: Sample

Reviewed By:Iwona
On:4/16/2025 12:59:04
PM
Inst Id :Appolo-9000
LB :LB135427

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	18686.8262	119.5957	9016700	6.140	7.125	76

Sample ID: Q1777-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04150938
Timestamp: 2025/04/15 09:40
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	14586.7832	80.2273	6048592	0.542	1.534	76

Sample ID: Q1777-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04150940
Timestamp: 2025/04/15 09:42
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16485.0898	92.3165	6960035	24.577	25.398	57

Sample ID: Q1777-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04150944
Timestamp: 2025/04/15 09:49
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	67704.2188	379.1436	28584846	-0.754	0.967	240

Sample ID: Q1777-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04150949
Timestamp: 2025/04/15 09:54
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	69649.3281	383.0713	28880968	1.441	2.438	217

Sample ID: Q1777-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04150954
Timestamp: 2025/04/15 09:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	64694.9648	336.4138	25363310	4.323	5.311	180

Sample ID: Q1777-02
Method: Boat Sampler
Cal. Curve: TOC SOIL

Mode: TOC
Filename: 04150959
Timestamp: 2025/04/15 10:03

Operator ID: NF IZ

Sample Type: Sample

Reviewed By:Iwona
On:4/16/2025 12:59:04
PM
Inst Id :Appolo-9000
LB :LB135427

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	70252.6406	393.4148	29660796	3.684	4.680	201

Sample ID: Q1777-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151004
Timestamp: 2025/04/15 10:06
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28514.0332	156.8272	11823701	3.368	4.355	91

Sample ID: Q1777-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151007
Timestamp: 2025/04/15 10:09
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	27228.8086	157.9271	11906626	3.588	4.582	91

Sample ID: Q1777-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151009
Timestamp: 2025/04/15 10:11
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33403.0312	170.3555	12843640	4.860	5.848	90

Sample ID: Q1777-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151012
Timestamp: 2025/04/15 10:14
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	27040.1777	137.9049	10397090	10.256	11.208	70

Sample ID: Q1777-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151015
Timestamp: 2025/04/15 10:18
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	30167.6094	196.0895	14783810	-0.181	0.815	159

Sample ID: Q1777-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151019
Timestamp: 2025/04/15 10:22
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	33633.5508	191.7112	14453721	2.030	3.027	119

Sample ID: Q1777-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151023
Timestamp: 2025/04/15 10:25
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	30741.3242	166.0032	12515507	3.275	4.259	93

Sample ID: Q1777-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151026
Timestamp: 2025/04/15 10:28
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	35409.5430	194.7525	14683011	7.037	8.026	93

Sample ID: Q1777-05
Method: Boat Sampler
51030
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 041
Timestamp: 2025/04/15 10:34
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	31649.8730	180.4043	13601253	-0.595	0.403	224

Sample ID: Q1777-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151035
Timestamp: 2025/04/15 10:38
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	27365.9492	158.7225	11966596	9.788	10.775	124

Sample ID: Q1777-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151038
Timestamp: 2025/04/15 10:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	24537.2754	130.0476	9804700	8.595	9.587	103

Sample ID: Q1777-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151041
Timestamp: 2025/04/15 10:44
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
-------	-------	------	----------	-----------	--------	-------------

				Baseline	Baseline	Time
1	24778.5000	131.3261	9901090	5.369	6.348	104
=====						

Sample ID:	Q1777-06	Mode:	TOC
Method:	Boat Sampler	Filename:	04151045
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 10:47
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7151.9927	55.0703	4151929	-1.322	-0.325	81
=====						

Sample ID:	Q1777-06	Mode:	TOC
Method:	Boat Sampler	Filename:	04151048
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 10:50
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6922.0952	59.5300	4488158	-0.541	0.458	80
=====						

Sample ID:	Q1777-06	Mode:	TOC
Method:	Boat Sampler	Filename:	04151050
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 10:52
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5975.4048	44.2180	3333736	-0.805	0.178	71
=====						

Sample ID:	Q1777-06	Mode:	TOC
Method:	Boat Sampler	Filename:	04151053
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 10:55
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6761.5498	52.0639	3925266	0.039	1.033	95
=====						

Sample ID:	Q1777-06MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04151056
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 10:58
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7006.4116	53.2487	4014591	0.387	1.383	67
=====						

Sample ID:	Q1777-06MS	Mode:	TOC
Method:	Boat Sampler	Filename:	04151059
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 11:01
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7259.6445	56.6252	4269156	1.588	2.580	79

Sample ID: Q1777-06MS Mode: TOC
Method: Boat Sampler Filename: 04151103
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:05
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7354.6060	62.5142	4713141	0.969	1.955	79

Sample ID: Q1777-06MS Mode: TOC
Method: Boat Sampler Filename: 04151105
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:07
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8653.2168	71.8217	5414867	3.102	4.093	80

Sample ID: Q1777-06MSD Mode: TOC
Method: Boat Sampler Filename: 04151109
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:11
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8091.5381	71.2055	5368412	5.491	6.483	63

Sample ID: Q1777-06MSD Mode: TOC
Method: Boat Sampler Filename: 04151111
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:13
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7204.8037	58.3589	4399864	3.339	4.337	69

Sample ID: Q1777-06MSD Mode: TOC
Method: Boat Sampler Filename: 04151116
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:18
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7711.0527	65.5439	4941567	4.937	5.933	61

Sample ID: Q1777-06MSD Mode: TOC
Method: Boat Sampler Filename: 04151119
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:21
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7010.2544	57.4841	4333908	7.717	8.675	58

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 04151126
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:28
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1104.6489	44.1860	3331320	-2.592	-1.594	81

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 04151128
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:30
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1018.0663	40.7227	3070210	-2.541	-1.542	74

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 04151131
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:33
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1058.7111	42.3484	3192784	-2.567	-1.571	78

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 04151134
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:36
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1068.2856	42.7314	3221658	-2.789	-1.791	84

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04151137
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:40
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.1981	0.2879	21708	-2.652	-2.828	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04151140
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:43
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.0816	0.4433	33419	-2.829	-2.855	120

Last Message: Low Sample Detected

Reviewed By:Iwona
On:4/16/2025 12:59:04
PM
Inst Id :Appolo-9000
LB :LB135427

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04151144
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:46
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5.7463	0.2299	17329	-2.879	-2.921	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 04151147
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:49
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.3401	0.1736	13089	-2.916	-2.945	120

Last Message: Low Sample Detected

Sample ID: Q1777-07 Mode: TOC
Method: Boat Sampler Filename: 04151151
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 11:56
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28783.3477	166.9434	12586396	-2.867	-1.764	240

Sample ID: Q1777-07 Mode: TOC
Method: Boat Sampler Filename: 04151158
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 12:01
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	30177.6270	156.9237	11830975	-0.556	0.439	132

Sample ID: Q1777-07 Mode: TOC
Method: Boat Sampler Filename: 04151203
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 12:05
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	29133.7324	151.4954	11421722	2.377	3.368	106

Sample ID: Q1777-07 Mode: TOC
Method: Boat Sampler Filename: 04151206
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 12:08

Operator ID: NF IZ

Sample Type: Sample

Reviewed By:Iwona
On:4/16/2025 12:59:04
PM
Inst Id :Appolo-9000
LB :LB135427

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26305.7383	149.9427	11304659	6.280	7.271	95

Sample ID: Q1777-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151209
Timestamp: 2025/04/15 12:10
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3974.7209	34.5801	2607102	2.419	3.413	59

Sample ID: Q1777-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151211
Timestamp: 2025/04/15 12:12
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4009.7395	26.0633	1964996	1.917	2.870	58

Sample ID: Q1777-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151213
Timestamp: 2025/04/15 12:15
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4053.7080	31.6189	2383851	-0.296	0.688	63

Sample ID: Q1777-08
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151215
Timestamp: 2025/04/15 12:17
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5674.0859	50.4994	3807308	5.379	6.377	81

Sample ID: Q1777-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151218
Timestamp: 2025/04/15 12:20
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4042.0310	28.2942	2133191	1.934	2.869	52

Sample ID: Q1777-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151220
Timestamp: 2025/04/15 12:22
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3964.4651	32.5086	2450928	0.065	1.062	58

Sample ID: Q1777-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151223
Timestamp: 2025/04/15 12:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4494.8286	40.9029	3083803	3.537	4.479	54

Sample ID: Q1777-09
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151225
Timestamp: 2025/04/15 12:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3992.1262	31.1386	2347637	2.562	3.554	59

Sample ID: Q1777-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151230
Timestamp: 2025/04/15 12:31
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4487.6348	29.6184	2233025	0.555	1.545	57

Sample ID: Q1777-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151235
Timestamp: 2025/04/15 12:36
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3692.1265	26.2141	1976364	3.720	4.684	57

Sample ID: Q1777-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151238
Timestamp: 2025/04/15 12:40
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4399.2544	31.6746	2388051	1.714	2.709	77

Sample ID: Q1777-10
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 04151241
Timestamp: 2025/04/15 12:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
-------	-------	------	----------	-----------	--------	-------------

				Baseline	Baseline	Time
1	4485.1860	32.7419	2468513	0.120	1.093	60
=====						

Sample ID:	Q1777-11	Mode:	TOC
Method:	Boat Sampler	Filename:	04151244
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 12:46
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17610.0820	117.9875	8895457	0.235	1.233	105
=====						

Sample ID:	Q1777-11	Mode:	TOC
Method:	Boat Sampler	Filename:	04151247
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 12:50
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16785.3770	124.2118	9364722	-0.028	0.968	109
=====						

Sample ID:	Q1777-11	Mode:	TOC
Method:	Boat Sampler	Filename:	04151250
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 12:52
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17212.4727	122.2086	9213693	6.409	7.407	81
=====						

Sample ID:	Q1777-11	Mode:	TOC
Method:	Boat Sampler	Filename:	04151253
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 12:55
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15264.8643	111.4335	8401327	7.823	8.817	74
=====						

Sample ID:	Q1777-12	Mode:	TOC
Method:	Boat Sampler	Filename:	04151306
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 13:08
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10343.7891	64.1315	4835077	1.440	2.413	74
=====						

Sample ID:	Q1777-12	Mode:	TOC
Method:	Boat Sampler	Filename:	04151309
Cal. Curve:	TOC SOIL	Timestamp:	2025/04/15 13:11
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9735.1582	59.3845	4477184	3.388	4.374	77

Sample ID: Q1777-12 Mode: TOC
Method: Boat Sampler Filename: 04151317
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:19
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7622.2451	52.5935	3965191	16.942	17.771	58

Sample ID: Q1777-12 Mode: TOC
Method: Boat Sampler Filename: 04151325
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:27
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9116.0146	57.4309	4329898	4.036	5.032	62

Sample ID: CCV3 Mode: TOC
Method: Boat Sampler Filename: 04151333
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:35
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	970.5043	38.8202	2926777	3.585	4.537	57

Sample ID: CCV3 Mode: TOC
Method: Boat Sampler Filename: 04151336
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:39
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1115.9307	44.6372	3365343	-2.316	-1.321	85

Sample ID: CCV3 Mode: TOC
Method: Boat Sampler Filename: 04151342
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:44
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1065.6161	42.6246	3213608	-2.345	-1.351	76

Sample ID: CCV3 Mode: TOC
Method: Boat Sampler Filename: 04151348
Cal. Curve: TOC SOIL Timestamp: 2025/04/15 13:50
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1090.2721	43.6109	3287964	-2.359	-1.367	78

Last Message: Low Sample Detected

```
Mode:          TOC
Filename:      04151414
Timestamp:     2025/04/15 14:15
Sample Type:   Sample
```

Last Message: Low Sample Detected

```
Mode:          TOC
Filename:      04151420
Timestamp:     2025/04/15 14:23
Sample Type:   Sample
```

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
```

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		
BLANK	14955	0.000	-0.849	-	2025/03/14 08:33
250mg/l	841606	10.000	10.115	7.5	2025/03/14 08:43
500mg/l	1649173	20.000	20.827	4.1	2025/03/14 08:52
1000mg/l	3114148	40.000	40.258	0.6	2025/03/14 09:02
2000mg/l	6084076	80.000	79.650	-0.4	2025/03/14 09:13

12
3/20/25

12
3/20/25

WORKLIST(Hardcopy Internal Chain)

6135427

WorkList Name : toc-q1777 WorkList ID : 188919 Department : Wet-Chemistry Date : 04-15-2025 08:15:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1777-01	AT054P-SD41-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-02	AT054P-SD40-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-03	AT054P-SD39-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-04	AT054P-SD38-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-05	AT054P-SD42-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-06	SS050P-SD20-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-07	SS050P-SD26-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-08	SS050P-SD08-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-09	SS050P-SD07-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-10	SS050P-SD06-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-11	SS057P-SD06-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn
Q1777-12	SS057P-SD05-040825-00	Solid	TOC	Cool 4 deg C	WEST04	F11	04/08/2025	Lloyd Kahn

Date/Time 04/15/2025 08:20
 Raw Sample Received by: 12 (JG)
 Raw Sample Relinquished by: JG (JG)

Date/Time 04/15/2025 13:35
 Raw Sample Received by: JG (JG)
 Raw Sample Relinquished by: 12 (JG)

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135427

Review By	rubina	Review On	4/16/2025 12:56:54 PM
Supervise By	Iwona	Supervise On	4/16/2025 12:59:04 PM
SubDirectory	LB135427	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	04/15/25 08:46		NF IZ	OK
9	CCB1	CCB1	CCB	04/15/25 09:00		NF IZ	OK
10	LB135427BLS	LB135427BLS	MB	04/15/25 09:11		NF IZ	OK
11	LB135427BSS	LB135427BSS	LCS	04/15/25 09:28		NF IZ	OK
12	Q1777-01	AT054P-SD41-040825	SAM	04/15/25 09:42		NF IZ	OK
13	Q1777-02	AT054P-SD40-040825	SAM	04/15/25 10:03		NF IZ	OK
14	Q1777-03	AT054P-SD39-040825	SAM	04/15/25 10:14		NF IZ	OK
15	Q1777-04	AT054P-SD38-040825	SAM	04/15/25 10:28		NF IZ	OK
16	Q1777-05	AT054P-SD42-040825	SAM	04/15/25 10:44		NF IZ	OK
17	Q1777-06	SS050P-SD20-040825	SAM	04/15/25 10:55		NF IZ	OK
18	Q1777-06MS	SS050P-SD20-040825	MS	04/15/25 11:07	sample + 40ul of WP112697	NF IZ	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135427

Review By	rubina	Review On	4/16/2025 12:56:54 PM
Supervise By	Iwona	Supervise On	4/16/2025 12:59:04 PM
SubDirectory	LB135427	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	Q1777-06MSD	SS050P-SD20-04082	MSD	04/15/25 11:21	sample + 40ul of WP112697	NF IZ	OK
20	CCV2	CCV2	CCV	04/15/25 11:36		NF IZ	OK
21	CCB2	CCB2	CCB	04/15/25 11:49		NF IZ	OK
22	Q1777-07	SS050P-SD26-04082	SAM	04/15/25 12:08		NF IZ	OK
23	Q1777-08	SS050P-SD08-04082	SAM	04/15/25 12:17		NF IZ	OK
24	Q1777-09	SS050P-SD07-04082	SAM	04/15/25 12:26		NF IZ	OK
25	Q1777-10	SS050P-SD06-04082	SAM	04/15/25 12:43		NF IZ	OK
26	Q1777-11	SS057P-SD06-04082	SAM	04/15/25 12:55		NF IZ	OK
27	Q1777-12	SS057P-SD05-04082	SAM	04/15/25 13:27		NF IZ	OK
28	CCV3	CCV3	CCV	04/15/25 13:50		NF IZ	OK
29	CCB3	CCB3	CCB	04/15/25 14:23		NF IZ	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1777

Test : Percent Solids, TOC

Prepbatch ID :

Sequence ID/Qc Batch ID: LB135427,

Standard ID :

WP111436, WP111437, WP112403, WP112404, WP112405, WP112406, WP112407, WP112408, WP112446, WP112697, WP112698,

Chemical ID :

W2784, W2860, W3112, W3169,



<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>
2050	TOC STOCK STD, 4000PPM	WP111436	01/15/2025	07/15/2025	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 W3169 + 990.00000ml of W3112 = Final Quantity: 1000.000 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>
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	Iwona Zarych
							(WC)	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_FIPETTE_3 (WC)	Iwona Zarych 03/20/2025
<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 ₃ PO 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 ₃ COOH)	<= 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 Lwei
Raw Sample Relinquished by: SP Lwei

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

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 13.11.25
Raw Sample Received by: 18 18 135394
Raw Sample Relinquished by: 18 18 135394

Date/Time 04.11.25 17.11.25
Raw Sample Received by: 18 18 135394
Raw Sample Relinquished by: 18 18 135394



SHIPPING DOCUMENTS

Chain of Custody Record/Lab Work Request

Page 1 of 1

Weston COC ID
MG_Chemtech_20250408_1640

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	AT054P-SD41-040825-00	G	SD	no	4/8/2025	8:20	1												
2	AT054P-SD40-040825-00	G	SD	no	4/8/2025	8:40	1												
3	AT054P-SD39-040825-00	G	SD	No	4/8/2025	8:55	1												
4	AT054P-SD38-040825-00	G	SD	no	4/8/2025	9:10	1												
5	AT054P-SD42-040825-00	G	SD	no	4/8/2025	9:30	1												
6	SS050P-SD20-040825-00	G	SD	no	4/8/2025	10:05	1												
7	SS050P-SD26-040825-00	G	SD	no	4/8/2025	10:45	1												
8	SS050P-SD08-040825-00	G	SD	no	4/8/2025	10:55	1												
9	SS050P-SD07-040825-00	G	SD	no	4/8/2025	11:15	1												
10	SS050P-SD06-040825-00	G	SD	no	4/8/2025	11:35	1												
11	SS057P-SD06-040825-00	G	SD	no	4/8/2025	12:40	1												
12	SS057P-SD05-040825-00	G	SD	no	4/8/2025	12:50	1												

Shipping Airbill Number:				Cooler Number:		of			
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments			
1.) 	4/9/25	1000		4-10-25	9:50	2.3" " If Can't Adjust Factor + 1"			
2.) 									
3.)									

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