

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:	Q1957	OrderDate:	5/5/2025 10:39:00 AM
Client:	Weston Solutions	Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD
Contact:	Kent Alexander	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1957-01	AT090P-SD05-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:10		05/13/25 11:39	05/05/25
Q1957-02	AT090P-SD03-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:30		05/13/25 12:07	05/05/25
Q1957-03	AT090P-SD04-050125 -00	SOIL	TOC	Lloyd Kahn	05/01/25 08:55		05/13/25 12:28	05/05/25



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions	Date Collected:	05/01/25 08:10
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD05-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-01	Matrix:	SOIL
		% Solid:	20

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	57300	OR	1	43.4	50.0	250	mg/Kg		05/13/25 11:39	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:	05/01/25 08:30
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD03-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-02	Matrix:	SOIL
		% Solid:	25.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	39400	OR	1	43.4	50.0	250	mg/Kg		05/13/25 12:07	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:	05/01/25 08:55
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Date Received:	05/05/25
Client Sample ID:	AT090P-SD04-050125-00	SDG No.:	Q1957
Lab Sample ID:	Q1957-03	Matrix:	SOIL
		% Solid:	8.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	59200	OR	1	43.4	50.0	250	mg/Kg		05/13/25 12:28	Lloyd Kahn

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Weston Solutions

SDG No.: Q1957

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135748

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	1030	1000	103	90-110	03/14/2025
Sample ID: CCV1 TOC	mg/L	1070	1000	107	90-110	05/13/2025
Sample ID: CCV2 TOC	mg/L	943	1000	94	90-110	05/13/2025
Sample ID: CCV3 TOC	mg/L	950	1000	95	90-110	05/13/2025



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Initial and Continuing Calibration Blank Summary

Client: Weston Solutions

SDG No.: Q1957

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

RunNo.: LB135748

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	05/13/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	05/13/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	32.1	250	05/13/2025

Preparation Blank Summary

Client: Weston Solutions

SDG No.: Q1957

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: TOC	LB135748BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	05/13/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1957
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MS	Percent Solids for Spike Sample:	79.1

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	4880		3840		1000	1	104		05/13/2025

Matrix Spike Summary

Client:	Weston Solutions	SDG No.:	Q1957
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MSD	Percent Solids for Spike Sample:	79.1

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	5010		3840		1000	1	117		05/13/2025

Duplicate Sample Summary

Client:	Weston Solutions	SDG No.:	Q1957
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Sample ID:	Q1958-03
Client ID:	SS050P-SD30-050225-00MSD	Percent Solids for Spike Sample:	79.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	4880		5010		1	3		05/13/2025

Laboratory Control Sample Summary

Client:	Weston Solutions	SDG No.:	Q1957
Project:	Joint Base McGuire Dix Lakehurst JBMDL - DoD	Run No.:	LB135748

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135748BSS							
TOC	mg/Kg	1000	1050		105	1	90-110	05/13/2025



RAW DATA

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	1040.7930			TOC	
CCV1	1084.4528			TOC	
CCV1	1088.2437			TOC	
CCV1.....	1050.7295...	..	...	TOC	..
CCB1	4.1825			TOC	
CCB1	24.9846			TOC	
CCB1.....	6.8116...	..	...	TOC	..
CCB1	3.2619			TOC	
LB135748BLS	6.1101			TOC	
LB135748BLS.....	29.6141...	..	...	TOC	..
LB135748BLS	4.9696			TOC	
LB135748BLS	4.8122			TOC	
LB135748BSS.....	1085.8717...	..	...	TOC	..
LB135748BSS	1085.0231			TOC	
LB135748BSS	982.8972			TOC	
LB135748BSS.....	1035.7407...	..	...	TOC	..
Q1957-01	57970.2852			TOC	
Q1957-01	53743.7461			TOC	
Q1957-01.....	56908.7383...	..	...	TOC	..
Q1957-01	60706.8633			TOC	
Q1957-02	38467.7812			TOC	
Q1957-02.....	39972.4766...	..	...	TOC	..
Q1957-02	36124.9961			TOC	
Q1957-02	43218.4375			TOC	
Q1957-03.....	57751.6523...	..	...	TOC	..
Q1957-03	59347.1875			TOC	
Q1957-03	58515.9805			TOC	
Q1957-03.....	61088.0273...	..	...	TOC	..
Q1958-01	1885.9003			TOC	
Q1958-01	1756.0667			TOC	
Q1958-01.....	1314.9591...	..	...	TOC	..
Q1958-01	1849.4639			TOC	
Q1958-02	53038.7734			TOC	
Q1958-02.....	51641.1719...	..	...	TOC	..
Q1958-02	51044.4375			TOC	
Q1958-02	50953.3359			TOC	
Q1958-03.....	3686.2959...	..	...	TOC	..
Q1958-03	3862.7922			TOC	
Q1958-03	3896.0061			TOC	
Q1958-03.....	3916.4602...	..	...	TOC	..
Q1958-03MS	5622.7021			TOC	
Q1958-03MS	4862.4590			TOC	
Q1958-03MS.....	4608.9263...	..	...	TOC	..
Q1958-03MS	4408.0171			TOC	
Q1958-03MSD	4511.0771			TOC	
Q1958-03MSD.....	6198.6040...	..	...	TOC	..
Q1958-03MSD	4997.0439			TOC	
Q1958-03MSD	4348.4741			TOC	
CCV2.....	922.7265...	..	...	TOC	..
CCV2	958.8174			TOC	
CCV2	924.2344			TOC	
CCV2.....	968.1888...	..	...	TOC	..
CCB2	4.5646			TOC	
CCB2	11.3023			TOC	
CCB2.....	10.4966...	..	...	TOC	..
CCB2	7.8877			TOC	
Q1958-04	11033.2539			TOC	
Q1958-04.....	10946.1611...	..	...	TOC	..
Q1958-04	10727.8809			TOC	
Q1958-04	11677.0303			TOC	
CCV3.....	989.6298...	..	...	TOC	..
CCV3	956.7925			TOC	
CCV3	948.4768			TOC	
CCV3.....	905.4506...	..	...	TOC	..

CCB3	11.1300		TOC	
CCB3	9.9309		TOC	
CCB3.....	7.2880...	..	...TOC	..
CCB3	8.8945		TOC	

Method ID		Sample Type	Vial Timestamp		Message
Boat Sampler		Sample	2025/05/13	09:44	
Boat Sampler		Sample	2025/05/13	09:47	
Boat Sampler		Sample	2025/05/13	09:50	
Boat Sampler	...	Sample	..	..2025/05/13 09:52	..
Boat Sampler		Sample	2025/05/13	09:56	Low Sample Detected
Boat Sampler		Sample	2025/05/13	10:04	
Boat Sampler	...	Sample	..	..2025/05/13 10:14	..Low Sample Detected
Boat Sampler		Sample	2025/05/13	10:17	Low Sample Detected
Boat Sampler		Sample	2025/05/13	10:20	Low Sample Detected
Boat Sampler	...	Sample	..	..2025/05/13 10:22	..
Boat Sampler		Sample	2025/05/13	10:25	Low Sample Detected
Boat Sampler		Sample	2025/05/13	10:29	Low Sample Detected
Boat Sampler	...	Sample	..	..2025/05/13 10:34	..
Boat Sampler		Sample	2025/05/13	10:37	
Boat Sampler		Sample	2025/05/13	10:42	
Boat Sampler	...	Sample	..	..2025/05/13 10:45	..
Boat Sampler		Sample	2025/05/13	11:24	
Boat Sampler		Sample	2025/05/13	11:29	
Boat Sampler	...	Sample	..	..2025/05/13 11:34	..
Boat Sampler		Sample	2025/05/13	11:39	
Boat Sampler		Sample	2025/05/13	11:55	
Boat Sampler	...	Sample	..	..2025/05/13 11:59	..
Boat Sampler		Sample	2025/05/13	12:02	
Boat Sampler		Sample	2025/05/13	12:07	
Boat Sampler	...	Sample	..	..2025/05/13 12:13	..
Boat Sampler		Sample	2025/05/13	12:19	
Boat Sampler		Sample	2025/05/13	12:24	
Boat Sampler	...	Sample	..	..2025/05/13 12:28	..
Boat Sampler		Sample	2025/05/13	12:32	
Boat Sampler		Sample	2025/05/13	12:34	
Boat Sampler	...	Sample	..	..2025/05/13 12:44	..
Boat Sampler		Sample	2025/05/13	12:47	
Boat Sampler		Sample	2025/05/13	12:53	
Boat Sampler	...	Sample	..	..2025/05/13 12:59	..
Boat Sampler		Sample	2025/05/13	13:03	
Boat Sampler		Sample	2025/05/13	13:08	
Boat Sampler	...	Sample	..	..2025/05/13 13:11	..
Boat Sampler		Sample	2025/05/13	13:14	
Boat Sampler		Sample	2025/05/13	13:16	
Boat Sampler	...	Sample	..	..2025/05/13 13:18	..
Boat Sampler		Sample	2025/05/13	13:23	
Boat Sampler		Sample	2025/05/13	13:30	
Boat Sampler	...	Sample	..	..2025/05/13 13:33	..
Boat Sampler		Sample	2025/05/13	13:35	
Boat Sampler		Sample	2025/05/13	13:40	
Boat Sampler	...	Sample	..	..2025/05/13 13:43	..
Boat Sampler		Sample	2025/05/13	13:51	
Boat Sampler		Sample	2025/05/13	13:54	
Boat Sampler	...	Sample	..	..2025/05/13 14:04	..
Boat Sampler		Sample	2025/05/13	14:06	
Boat Sampler		Sample	2025/05/13	14:09	
Boat Sampler	...	Sample	..	..2025/05/13 14:11	..
Boat Sampler		Sample	2025/05/13	14:16	Low Sample Detected
Boat Sampler		Sample	2025/05/13	14:19	Low Sample Detected
Boat Sampler	...	Sample	..	..2025/05/13 14:22	..Low Sample Detected
Boat Sampler		Sample	2025/05/13	14:25	Low Sample Detected
Boat Sampler		S			
Boat Sampler		2025/05/13 14:29			
Boat Sampler	...	Sample	..	..2025/05/13 14:32	..
Boat Sampler		Sample	2025/05/13	14:35	
Boat Sampler		Sample	2025/05/13	14:37	
Boat Sampler	...	Sample	..	..2025/05/13 14:41	..
Boat Sampler		Sample	2025/05/13	14:43	
Boat Sampler		Sample	2025/05/13	14:46	

Boat Sampler	...	Sample	..	..	2025/05/13 14:49	..	Reviewed By:Iwona On:5/14/2025 2:39:57 PM Inst Id :Appolo-9000 LB :LB135748		
Boat Sampler		Sample			2025/05/13 14:54	..			
Boat Sampler		Sample			2025/05/13 14:57	Low Sample Detected			
Boat Sampler	...	Sample	..	..	2025/05/13 15:00	Low Sample Detected			
Boat Sampler		Sample			2025/05/13 15:04	Low Sample Detected			

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05130942
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 09:44
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1040.7930	41.6317	3138748	0.596	1.587	54

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05130946
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 09:47
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1084.4528	43.3781	3270414	14.172	14.996	43

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05130948
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 09:50
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1088.2437	43.5297	3281846	-1.420	-0.427	75

```
=====
```

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05130951
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 09:52
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1050.7295	42.0292	3168714	-1.298	-0.308	72

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05130953
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 09:56
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.1825	0.1673	12613	-2.032	-2.291	120

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      Boat Sampler              Filename:   05131003
Cal. Curve:  TOC SOIL                 Timestamp:  2025/05/13 10:04
Operator ID: NF IZ                    Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	24.9846	0.9994	75347	-2.304	-1.307	42

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 05131011
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 10:14
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.8116	0.2725	20542	-2.451	-2.482	120

Last Message: Low Sample Detected

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 05131014
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 10:17
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.2619	0.1305	9837	-2.429	-2.557	120

Last Message: Low Sample Detected

Sample ID: LB135748BLS Mode: TOC
Method: Boat Sampler Filename: 05131018
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 10:20
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.1101	0.2444	18427	-2.561	-2.589	120

Last Message: Low Sample Detected

Sample ID: LB135748BLS Mode: TOC
Method: Boat Sampler Filename: 05131021
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 10:22
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	29.6141	1.1846	89308	-2.544	-1.554	40

Sample ID: LB135748BLS Mode: TOC
Method: Boat Sampler Filename: 05131023
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 10:25
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.9696	0.1988	14987	-2.552	-2.629	120

Last Message: Low Sample Detected

Sample ID: LB135748BLS Mode: TOC
Method: Boat Sampler Filename: 05131026

Cal. Curve: TOC S0IL
Operator ID: NF IZ

Timestamp: 2025/05/13 10:29
Sample Type: Sample

Reviewed By:Iwona
On:5/14/2025 2:39:57
PM
Inst Id :Appolo-9000
LB :LB135748

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.8122	0.1925	14512	-2.568	-2.627	120

Last Message: Low Sample Detected
=====

Sample ID: LB135748BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 05131032
Timestamp: 2025/05/13 10:34
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1085.8717	43.4349	3274693	-2.317	-1.321	81

Sample ID: LB135748BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 05131035
Timestamp: 2025/05/13 10:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1085.0231	43.4009	3272134	-2.407	-1.413	83

Sample ID: LB135748BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 05131040
Timestamp: 2025/05/13 10:42
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	982.8972	39.3159	2964150	-2.266	-1.268	79

Sample ID: LB135748BSS
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 05131043
Timestamp: 2025/05/13 10:45
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1035.7407	41.4296	3123512	-2.438	-1.438	84

Sample ID: Q1957-01
Method: Boat Sampler
Cal. Curve: TOC S0IL
Operator ID: NF IZ

Mode: TOC
Filename: 05131119
Timestamp: 2025/05/13 11:24
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57970.2852	388.4009	29282782	-0.531	1.528	240

Sample ID: Q1957-01 Mode: TOC
Method: Boat Sampler Filename: 05131125
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 11:29
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	53743.7461	408.4525	30794534	-0.619	2.047	240

Sample ID: Q1957-01 Mode: TOC
Method: Boat Sampler Filename: 05131130
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 11:34
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	56908.7383	369.9068	27888452	2.086	3.083	218

Sample ID: Q1957-01 Mode: TOC
Method: Boat Sampler Filename: 05131135
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 11:39
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	60706.8633	376.3826	28376680	2.826	3.821	211

Sample ID: Q1957-02 Mode: TOC
Method: Boat Sampler Filename: 05131152
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 11:55
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	38467.7812	238.5003	17981294	3.626	4.622	142

Sample ID: Q1957-02 Mode: TOC
Method: Boat Sampler Filename: 05131156
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 11:59
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	39972.4766	235.8376	17780550	2.627	3.618	143

Sample ID: Q1957-02 Mode: TOC
Method: Boat Sampler Filename: 05131200
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:02
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	36124.9961	220.3625	16613830	3.299	4.292	133

Sample ID: Q1957-02 Mode: TOC
Method: Boat Sampler Filename: 05131203
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:07
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	43218.4375	263.6325	19876092	-0.265	0.731	192

Sample ID: Q1957-03 Mode: TOC
Method: Boat Sampler Filename: 05131209
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:13
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57751.6523	346.5099	26124488	-1.931	0.746	240

Sample ID: Q1957-03 Mode: TOC
Method: Boat Sampler Filename: 05131214
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:19
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59347.1875	367.9526	27741116	-0.750	0.979	241

Sample ID: Q1957-03 Mode: TOC
Method: Boat Sampler Filename: 05131219
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:24
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	58515.9805	339.3927	25587896	0.889	1.887	216

Sample ID: Q1957-03 Mode: TOC
Method: Boat Sampler Filename: 05131224
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:28
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	61088.0273	360.4194	27173164	1.218	2.216	221

Sample ID: Q1958-01 Mode: TOC
Method: Boat Sampler Filename: 05131231
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:32
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1885.9003	13.3899	1009507	-2.058	-1.069	59

Sample ID: Q1958-01 Mode: TOC
Method: Boat Sampler Filename: 05131233
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:34
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1756.0667	11.9413	900289	-1.182	-0.198	53

Sample ID: Q1958-01 Mode: TOC
Method: Boat Sampler Filename: 05131243
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:44
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1314.9591	9.2047	693973	2.389	3.365	45

Sample ID: Q1958-01 Mode: TOC
Method: Boat Sampler Filename: 05131245
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:47
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1849.4639	12.7613	962115	-2.638	-1.643	81

Sample ID: Q1958-02 Mode: TOC
Method: Boat Sampler Filename: 05131249
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:53
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	53038.7734	371.2714	27991336	-2.769	0.517	240

Sample ID: Q1958-02 Mode: TOC
Method: Boat Sampler Filename: 05131254
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 12:59
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	51641.1719	382.1447	28811104	0.183	1.825	240

Sample ID: Q1958-02 Mode: TOC
Method: Boat Sampler Filename: 05131259
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 13:03
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	51044.4375	382.8333	28863020	5.047	6.043	193

Sample ID: Q1958-02
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131304
Timestamp: 2025/05/13 13:08
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	50953.3359	377.0547	28427356	3.309	4.301	216

Sample ID: Q1958-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131309
Timestamp: 2025/05/13 13:11
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3686.2959	27.2786	2056620	-0.148	0.849	59

Sample ID: Q1958-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131312
Timestamp: 2025/05/13 13:14
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3862.7922	30.1298	2271580	-0.451	0.524	56

Sample ID: Q1958-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131314
Timestamp: 2025/05/13 13:16
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3896.0061	29.6096	2232366	-1.073	-0.090	59

Sample ID: Q1958-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131317
Timestamp: 2025/05/13 13:18
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3916.4602	28.9818	2185031	-0.967	0.029	59

Sample ID: Q1958-03MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131321
Timestamp: 2025/05/13 13:23
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
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Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4862.4590	37.9272	2859451	-2.517	-1.522	79

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4608.9263	34.5669	2606112	-2.355	-1.355	72

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4408.0171	31.7377	2392808	-1.961	-0.970	65

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4511.0771	34.7353	2618805	-2.542	-1.545	79

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6198.6040	45.2498	3411527	-1.475	-0.484	89

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4997.0439	34.9793	2637202	-1.995	-1.002	69

Sample ID: Q1958-03MSD Mode: TOC
Method: Boat Sampler Filename: 05131353
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 13:54
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4348.4741 -0.103	31.3090 60	2360486	-1.082		

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 05131402
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:04
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	922.7265	36.9091	2782692	-2.581	-1.586	76

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 05131404
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:06
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	958.8174	38.3527	2891532	-2.661	-1.665	77

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 05131407
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:09
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	924.2344	36.9694	2787239	-2.613	-1.613	75

Sample ID: CCV2 Mode: TOC
Method: Boat Sampler Filename: 05131409
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:11
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	968.1888	38.7276	2919794	-2.666	-1.667	77

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 05131413
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:16
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.5646	0.1826	13766	-2.819	-2.932	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 05131416
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:19
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.3023	0.4521	34085	-2.919	-2.930	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 05131420
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:22
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.4966	0.4199	31655	-2.943	-2.928	120

Last Message: Low Sample Detected

Sample ID: CCB2 Mode: TOC
Method: Boat Sampler Filename: 05131423
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:25
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.8877	0.3155	23787	-2.931	-2.942	120

Last Message: Low Sample Detected

Sample ID: Q1958-04 Mode: TOC
Method: Boat Sampler Filename: 05131427
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:29
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11033.2539	71.7161	5406909	-2.801	-1.803	118

Sample ID: Q1958-04 Mode: TOC
Method: Boat Sampler Filename: 05131430
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:32
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10946.1611	78.8124	5941915	-1.407	-0.409	86

Sample ID: Q1958-04 Mode: TOC
Method: Boat Sampler Filename: 05131433
Cal. Curve: TOC SOIL Timestamp: 2025/05/13 14:35
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10727.8809	77.2407	5823426	6.677	7.636	59

Sample ID: Q1958-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05131436
Timestamp: 2025/05/13 14:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11677.0303	77.0684	5810432	4.301	5.287	62

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

Mode: TOC
Filename: 05131439
Timestamp: 2025/05/13 14:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	989.6298	39.5852	2984454	-2.293	-1.303	72

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

Mode: TOC
Filename: 05131441
Timestamp: 2025/05/13 14:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	956.7925	38.2717	2885426	-2.601	-1.605	75

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

Mode: TOC
Filename: 05131444
Timestamp: 2025/05/13 14:46
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	948.4768	37.9391	2860348	-2.658	-1.659	76

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

Mode: TOC
Filename: 05131447
Timestamp: 2025/05/13 14:49
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	905.4506	36.2180	2730592	-2.782	-1.782	76

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

Mode: TOC
Filename: 05131451
Timestamp: 2025/05/13 14:54
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.1300	0.4452	33565	-2.898	-2.950	120

Sample ID:	CCB3	Mode:	TOC
Method:	Boat Sampler	Filename:	05131455
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/13 14:57
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.9309	0.3972	29949	-2.915	-2.951	120

Sample ID:	CCB3	Mode:	TOC
Method:	Boat Sampler	Filename:	05131458
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/13 15:00
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.2880	0.2915	21979	-2.943	-2.962	120

Sample ID:	CCB3	Mode:	TOC
Method:	Boat Sampler	Filename:	05131501
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/13 15:04
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.8945	0.3558	26823	-2.971	-2.991	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 Mode: TOC
Method: Boat Sampler Filename: 03140903
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:13
Operator ID: NF IZ Sample Type: TOC Standard

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 Mode: TOC
Method: Boat Sampler Filename: 03140930
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:32
Operator ID: NF IZ 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 Mode: TOC
Method: Boat Sampler Filename: 03140932
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:34
Operator ID: NF IZ 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 Mode: TOC
Method: Boat Sampler Filename: 03140935
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:37
Operator ID: NF IZ 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 Mode: TOC
Method: Boat Sampler Filename: 03140937
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:39
Operator ID: NF IZ 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 Mode: TOC
Method: Boat Sampler Filename: 03140941
Cal. Curve: TOC SOIL Timestamp: 2025/03/14 09:43
Operator ID: NF IZ 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

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

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

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)

66135748

WorkList Name : tocsol

WorkList ID : 189438

Department : Wet-Chemistry

Date : 05-12-2025 08:48:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1957-01	AT090P-SD05-050125-00	Solid	TOC	Cool 4 deg C	WEST04	L51	05/01/2025	Lloyd Kahn
Q1957-02	AT090P-SD03-050125-00	Solid	TOC	Cool 4 deg C	WEST04	L51	05/01/2025	Lloyd Kahn
Q1957-03	AT090P-SD04-050125-00	Solid	TOC	Cool 4 deg C	WEST04	L51	05/01/2025	Lloyd Kahn
Q1958-01	SS050P-SD28-043025-00	Solid	TOC	Cool 4 deg C	WEST04	L51	04/30/2025	Lloyd Kahn
Q1958-02	SS050P-SD29-043025-00	Solid	TOC	Cool 4 deg C	WEST04	L51	04/30/2025	Lloyd Kahn
Q1958-03	SS050P-SD30-050225-00	Solid	TOC	Cool 4 deg C	WEST04	L51	05/02/2025	Lloyd Kahn
Q1958-04	SS050P-SD31-050225-00	Solid	TOC	Cool 4 deg C	WEST04	L51	05/02/2025	Lloyd Kahn

Date/Time

05/12/25 08:50

Raw Sample Received by:

12(50)

Raw Sample Relinquished by:

12(50)

Date/Time

05/13/25 12:20

Raw Sample Received by:

12(50)

Raw Sample Relinquished by:

12(50)

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135748

Review By	rubina	Review On	5/14/2025 2:34:37 PM
Supervise By	Iwona	Supervise On	5/14/2025 2:39:57 PM
SubDirectory	LB135748	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407		
ICV Standard	WP112408		
CCV Standard	WP113036		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113037		
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	05/13/25 09:52		NF IZ	OK
9	CCB1	CCB1	CCB	05/13/25 10:17		NF IZ	OK
10	LB135748BLS	LB135748BLS	MB	05/13/25 10:29		NF IZ	OK
11	LB135748BSS	LB135748BSS	LCS	05/13/25 10:45		NF IZ	OK
12	Q1957-01	AT090P-SD05-050125	SAM	05/13/25 11:39		NF IZ	OK
13	Q1957-02	AT090P-SD03-050125	SAM	05/13/25 12:07		NF IZ	OK
14	Q1957-03	AT090P-SD04-050125	SAM	05/13/25 12:28		NF IZ	OK
15	Q1958-01	SS050P-SD28-043025	SAM	05/13/25 12:47		NF IZ	OK
16	Q1958-02	SS050P-SD29-043025	SAM	05/13/25 13:08		NF IZ	OK
17	Q1958-03	SS050P-SD30-050225	SAM	05/13/25 13:18		NF IZ	OK
18	Q1958-03MS	SS050P-SD30-050225	MS	05/13/25 13:35	40ul of WP113036	NF IZ	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135748

Review By	rubina	Review On	5/14/2025 2:34:37 PM
Supervise By	Iwona	Supervise On	5/14/2025 2:39:57 PM
SubDirectory	LB135748	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407		
ICV Standard	WP112408		
CCV Standard	WP113036		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113037		
Chk Standard	WP112446		

19	Q1958-03MSD	SS050P-SD30-05022	MSD	05/13/25 13:54	40ul of WP113036	NF IZ	OK
20	CCV2	CCV2	CCV	05/13/25 14:11		NF IZ	OK
21	CCB2	CCB2	CCB	05/13/25 14:25		NF IZ	OK
22	Q1958-04	SS050P-SD31-05022	SAM	05/13/25 14:37		NF IZ	OK
23	CCV3	CCV3	CCV	05/13/25 14:49		NF IZ	OK
24	CCB3	CCB3	CCB	05/13/25 15:04		NF IZ	OK



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/6/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 05/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 05/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135668

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
Q1956-01	SB1-3-4	1	1.17	9.98	11.15	10.05	89.0	
Q1956-02	SB2-4-5	2	1.18	10.62	11.8	11.11	93.5	
Q1956-03	Q1956-02MS	3	1.18	10.62	11.8	11.11	93.5	
Q1956-04	Q1956-02MSD	4	1.18	10.62	11.8	11.11	93.5	
Q1956-06	SB91-3-4	5	1.14	10.65	11.79	10.75	90.2	
Q1957-01	AT090P-SD05-050125-00	6	1.15	10.74	11.89	3.3	20.0	
Q1957-02	AT090P-SD03-050125-00	7	1.18	10.90	12.08	3.97	25.6	
Q1957-03	AT090P-SD04-050125-00	8	1.19	10.36	11.55	2.09	8.7	
Q1958-01	SS050P-SD28-043025-00	9	1.16	10.21	11.37	9.51	81.8	
Q1958-02	SS050P-SD29-043025-00	10	1.17	9.97	11.14	3.2	20.4	
Q1958-03	SS050P-SD30-050225-00	11	1.19	10.62	11.81	9.59	79.1	
Q1958-04	SS050P-SD31-050225-00	12	1.19	10.13	11.32	9.18	78.9	
Q1959-01	SOIL-PILE	13	1.18	10.18	11.36	10.11	87.7	
Q1960-01	344	14	1.00	1.00	2.00	2.00	100.0	stone sample,100% solids
Q1960-02	72-11933	15	1.15	10.38	11.53	10.24	87.6	
Q1961-01	EO-01-050225	16	1.18	10.08	11.26	10.53	92.8	
Q1961-02	EO-01-050225-E2	17	1.14	10.18	11.32	10.88	95.7	
Q1962-01	HD-01-050525	18	1.18	10.10	11.28	9.87	86.0	
Q1962-02	HD-01-050525-E2	19	1.19	10.43	11.62	9.91	83.6	

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

WORKLIST(Hardcopy Internal Chain)

VB 135668

WorkList Name : %1-050525-1 WorkList ID : 189298 Department : Wet-Chemistry Date : 05-05-2025 08:48:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1956-01	SB1-3-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/01/2025	Chemtech -SO
Q1956-02	SB2-4-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-03	Q1956-02MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-04	Q1956-02MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-06	SB91-3-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/01/2025	Chemtech -SO
Q1957-01	AT090P-SD05-050125-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1957-02	AT090P-SD03-050125-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1957-03	AT090P-SD04-050125-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1958-01	SS050P-SD28-043025-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	04/30/2025	Chemtech -SO
Q1958-02	SS050P-SD29-043025-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	04/30/2025	Chemtech -SO
Q1958-03	SS050P-SD30-050225-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/02/2025	Chemtech -SO
Q1958-04	SS050P-SD31-050225-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/02/2025	Chemtech -SO
Q1959-01	SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/05/2025	Chemtech -SO
Q1960-01	344	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/05/2025	Chemtech -SO
Q1960-02	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/05/2025	Chemtech -SO
Q1961-01	EO-01-050225	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO
Q1961-02	EO-01-050225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO
Q1962-01	HD-01-050525	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO
Q1962-02	HD-01-050525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO

Date/Time 05/05/25 15:20

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/05/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

Weston COC ID
LK_Chemtech_20250502_1124

Chain of Custody Record/Lab Work Request

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	AT090P-SD05-050125-00	G	SD	no	5/1/2025	8:10	1												
2	AT090P-SD03-050125-00	G	SD	no	5/1/2025	8:30	1												
3	AT090P-SD04-050125-00	G	SD	no	5/1/2025	8:55	1												
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Shipping Airbill Number:				Cooler Number:			of	
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments		
	5/2/25	1346		5/5/25	0700			
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