

Cover Page

Order ID : Q2392

Project ID : Thomas McGoven

Client : Earth Engineering Inc.

Lab Sample Number

Q2392-01
Q2392-02

Client Sample Number

S-1
S-1A

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2392

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 06/26/2025

LAB CHRONICLE

OrderID: Q2392
Client: Earth Engineering Inc.
Contact: Frank Dougherty, LSRP

OrderDate: 6/23/2025 10:03:33 AM
Project: Thomas McGoven
Location: A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL	Cyanide	9012B	06/23/25 07:45	06/24/25	06/25/25 10:35	06/23/25



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25 07:45
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	SOIL
		% Solid:	92.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.087	J	1	0.044	0.26	mg/Kg	06/24/25 09:00	06/25/25 10:35	9012B

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: Earth Engineering Inc.

SDG No.: Q2392

Project: Thomas McGoven

RunNo.: LB136259

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.096	0.099	97	90-110	06/25/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	06/25/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	06/25/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	06/25/2025

Initial and Continuing Calibration Blank Summary

Client: Earth Engineering Inc.

SDG No.: Q2392

Project: Thomas McGoven

RunNo.: LB136259

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	0.0016	0.0025	J	0.00096	0.005	06/25/2025
Sample ID: CCB1 Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	06/25/2025
Sample ID: CCB2 Cyanide	mg/L	0.0012	0.0025	J	0.00096	0.005	06/25/2025
Sample ID: CCB3 Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	06/25/2025

Preparation Blank Summary

Client: Earth Engineering Inc.

SDG No.: Q2392

Project: Thomas McGoven

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB168604BL mg/Kg	0.067	0.1250	J	0.042	0.25	06/25/2025

Matrix Spike Summary

Client:	Earth Engineering Inc.	SDG No.:	Q2392
Project:	Thomas McGoven	Sample ID:	Q2392-01
Client ID:	S-1MS	Percent Solids for Spike Sample:	92.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.00		0.087	J	2.1	1	91		06/25/2025

Matrix Spike Summary

Client:	Earth Engineering Inc.	SDG No.:	Q2392
Project:	Thomas McGoven	Sample ID:	Q2392-01
Client ID:	S-1MSD	Percent Solids for Spike Sample:	92.2

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.00		0.087	J	2.1	1	91		06/25/2025

Duplicate Sample Summary

Client:	Earth Engineering Inc.	SDG No.:	Q2392
Project:	Thomas McGoven	Sample ID:	Q2392-01
Client ID:	S-1DUP	Percent Solids for Spike Sample:	92.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.087	J	0.079	J	1	10		06/25/2025

Duplicate Sample Summary

Client:	Earth Engineering Inc.	SDG No.:	Q2392
Project:	Thomas McGoven	Sample ID:	Q2392-01
Client ID:	S-1MSD	Percent Solids for Spike Sample:	92.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.00		2.00		1	0		06/25/2025

Laboratory Control Sample Summary

Client: Earth Engineering Inc.

SDG No.: Q2392

Project: Thomas McGoven

Run No.: LB136259

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168604BS							
Cyanide	mg/Kg	5	4.90		98	1	85-115	06/25/2025



RAW DATA

15136

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

6/25/2025 10:59

Reviewed by : RM

Instrument ID : Konelab

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.274	0.0	0.074	
ICB1	1.552	0.0	0.001	
CCV1	243.372	0.0	0.187	
CCB1	1.495	0.0	0.001	
PB168604BL	1.332	0.0	0.001	
PB168604BS	97.619	0.0	0.075	
LOWPB168604	9.340	0.0	0.007	
HIGHPB168604	496.415	0.0	0.381	
Q2392-01	1.648	0.0	0.001	
Q2392-01DUP	1.495	0.0	0.001	
Q2392-01MS	38.140	0.0	0.029	
Q2392-01MSD	38.504	0.0	0.029	
Q2393-01	1.469	0.0	0.001	
Q2393-03	1.198	0.0	0.001	
CCV2	241.151	0.0	0.185	
CCB2	1.153	0.0	0.001	
Q2393-05	2.480	0.0	0.002	
Q2393-07	4.071	0.0	0.003	
Q2393-09	4.077	0.0	0.003	
Q2393-11	2.675	0.0	0.002	
CCV3	244.972	0.0	0.188	
CCB3	1.399	0.0	0.001	

93% (90-110)

99% (90-110)

06/25/25
RM

N 22
Mean 69.629
SD 127.0640
CV% 182.49

=====
Calibration results Aquakem 7.2AQ1 Page: 1

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

6/25/2025 9:56 Reviewed by : RM Instrument ID : Konelab

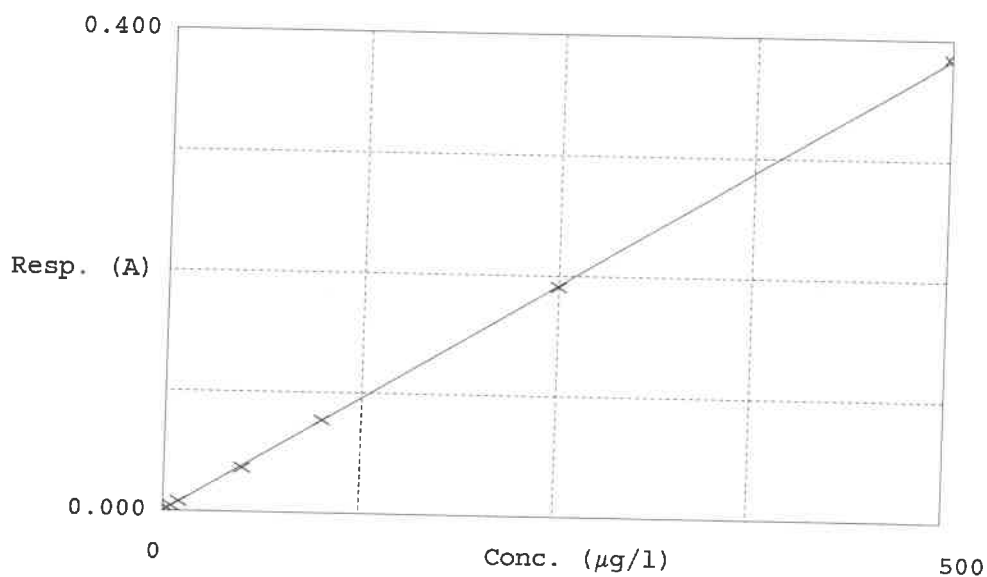
Test Total CN

Accepted 6/25/2025 9:56

Factor 1302
Bias 0

Coeff. of det. 0.999953

Errors



	Calibrator	Response	Calc. con.	Conc.	^{Re} Errors
1	0.0PPBCN	0.001	0.9562	0.0000	-
2	5.0PPBCN	0.004	5.7123	5.0000	14.2
3	10PPBCN	0.008	10.6444	10.0000	6.4
4	50PPBCN	0.037	47.9470	50.0000	-4.1
5	100PPBCN	0.077	100.4532	100.0000	0.5
6	250PPBCN	0.191	248.3846	250.0000	-0.6
7	500PPBCN	0.384	500.9024	500.0000	0.2

06/29/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Wed Jun 25 09:18:20 2025

Wed Jun 25 10:54:44 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.9562	µg/l	6/25/2025 9:56:22	
5.0PPBCN	A	Total CN	P	5.7123	µg/l	6/25/2025 9:56:23	
10PPBCN	A	Total CN	P	10.6444	µg/l	6/25/2025 9:56:24	
50PPBCN	A	Total CN	P	47.947	µg/l	6/25/2025 9:56:25	
100PPBCN	A	Total CN	P	100.4532	µg/l	6/25/2025 9:56:26	
250PPBCN	A	Total CN	P	248.3846	µg/l	6/25/2025 9:56:27	
500PPBCN	A	Total CN	P	500.9024	µg/l	6/25/2025 9:56:28	
ICV1	S	Total CN	P	96.2744	µg/l	6/25/2025 10:28:03	
ICB1	S	Total CN	P	1.5517	µg/l	6/25/2025 10:28:05	
CCV1	S	Total CN	P	243.3715	µg/l	6/25/2025 10:28:08	
CCB1	S	Total CN	P	1.4945	µg/l	6/25/2025 10:28:10	
PB168604BL	S	Total CN	P	1.3318	µg/l	6/25/2025 10:28:12	
PB168604BS	S	Total CN	P	97.6187	µg/l	6/25/2025 10:28:13	
LOWPB168604	S	Total CN	P	9.3404	µg/l	6/25/2025 10:35:40	
HIGHPB168604	S	Total CN	P	496.4148	µg/l	6/25/2025 10:35:45	
Q2392-01	S	Total CN	P	1.6481	µg/l	6/25/2025 10:35:47	
Q2392-01DUP	S	Total CN	P	1.4954	µg/l	6/25/2025 10:35:48	
Q2392-01MS	S	Total CN	P	38.1403	µg/l	6/25/2025 10:43:12	
Q2392-01MSD	S	Total CN	P	38.5036	µg/l	6/25/2025 10:43:13	
Q2393-01	S	Total CN	P	1.4686	µg/l	6/25/2025 10:43:14	
Q2393-03	S	Total CN	P	1.1982	µg/l	6/25/2025 10:43:15	
CCV2	S	Total CN	P	241.1505	µg/l	6/25/2025 10:43:19	
CCB2	S	Total CN	P	1.153	µg/l	6/25/2025 10:47:57	
Q2393-05	S	Total CN	P	2.4796	µg/l	6/25/2025 10:47:59	
Q2393-07	S	Total CN	P	4.071	µg/l	6/25/2025 10:48:00	
Q2393-09	S	Total CN	P	4.0769	µg/l	6/25/2025 10:48:01	
Q2393-11	S	Total CN	P	2.6745	µg/l	6/25/2025 10:54:36	
CCV3	S	Total CN	P	244.972	µg/l	6/25/2025 10:54:40	
CCB3	S	Total CN	P	1.3986	µg/l	6/25/2025 10:54:42	

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 06/24/2025 Time : 09:00 Temp : 124 °C

Matrix : SOIL

End Digest Date: 06/24/2025 Time : 10:30 Temp : 126 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature:

Weigh By : JP

pH Meter ID : N/A

Supervisor Signature:

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP112995
MS/MSD SPIKE SOL.	0.40ML	WP113319
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP111294
50% v/v H2SO4	5.0ML	WP112826
51% w/v MgCL2	2.0ML	WP112827
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113319
LOWSTD	LOWSTD	0.1ML	WP113319

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/24/2025 10:45	JP / GCE	RH (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168604BL	PBS604	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB168604BS	LCS604	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2392-01DUP	S-1DUP	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2392-01MS	S-1MS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2392-01MSD	S-1MSD	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2392-01	S-1	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-01	PARK AVE -1	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-03	PARK AVE -2	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-05	PARK AVE -3	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-07	PARK AVE -4	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-09	PARK AVE -5	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2393-11	PARK AVE -6	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cn s q2392

WorkList ID : 190341

Department : Distillation

Date : 06-24-2025 08:10:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2392-01	S-1	Solid	Cyanide	Cool 4 deg C	EARTH03	A41	06/23/2025	9012B
Q2393-01	PARK AVE -1	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B
Q2393-03	PARK AVE -2	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B
Q2393-05	PARK AVE -3	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B
Q2393-07	PARK AVE -4	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B
Q2393-09	PARK AVE -5	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B
Q2393-11	PARK AVE -6	Solid	Cyanide	Cool 4 deg C	UNIO02	A22	06/23/2025	9012B

Date/Time 06/24/2025 08:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 06/24/2025 09:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136259

Review By	Review On
Supervise By	Supervise On
SubDirectory	LB136259
Test	Cyanide
STD. NAME	STD REF.#
ICAL Standard	WP113660,WP113661,WP113662,WP113663,WP113664,WP113665,WP113666
ICV Standard	W3012
CCV Standard	WP113661
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112995
Chk Standard	WP112643,WP112900,WP113668

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/25/25 09:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/25/25 09:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	06/25/25 09:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	06/25/25 09:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	06/25/25 09:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	06/25/25 09:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	06/25/25 09:56		rubina	OK
8	ICV1	ICV1	ICV	06/25/25 10:28		rubina	OK
9	ICB1	ICB1	ICB	06/25/25 10:28		rubina	OK
10	CCV1	CCV1	CCV	06/25/25 10:28		rubina	OK
11	CCB1	CCB1	CCB	06/25/25 10:28		rubina	OK
12	PB168604BL	PB168604BL	MB	06/25/25 10:28		rubina	OK
13	PB168604BS	PB168604BS	LCS	06/25/25 10:28		rubina	OK
14	LOWPB168604	LOWPB168604	SAM	06/25/25 10:35		rubina	OK
15	HIGHPB168604	HIGHPB168604	SAM	06/25/25 10:35		rubina	OK
16	Q2392-01	S-1	SAM	06/25/25 10:35		rubina	OK
17	Q2392-01DUP	S-1DUP	DUP	06/25/25 10:35		rubina	OK
18	Q2392-01MS	S-1MS	MS	06/25/25 10:43		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136259

Review By	Review On		
Supervise By	Supervise On		
SubDirectory	LB136259	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113660,WP113661,WP113662,WP113663,WP113664,WP113665,WP113666		
ICV Standard	W3012		
CCV Standard	WP113661		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP112995		
Chk Standard	WP112643,WP112900,WP113668		

19	Q2392-01MSD	S-1MSD	MSD	06/25/25 10:43		rubina	OK
20	Q2393-01	PARK AVE -1	SAM	06/25/25 10:43		rubina	OK
21	Q2393-03	PARK AVE -2	SAM	06/25/25 10:43		rubina	OK
22	CCV2	CCV2	CCV	06/25/25 10:43		rubina	OK
23	CCB2	CCB2	CCB	06/25/25 10:47		rubina	OK
24	Q2393-05	PARK AVE -3	SAM	06/25/25 10:47		rubina	OK
25	Q2393-07	PARK AVE -4	SAM	06/25/25 10:48		rubina	OK
26	Q2393-09	PARK AVE -5	SAM	06/25/25 10:48		rubina	OK
27	Q2393-11	PARK AVE -6	SAM	06/25/25 10:54		rubina	OK
28	CCV3	CCV3	CCV	06/25/25 10:54		rubina	OK
29	CCB3	CCB3	CCB	06/25/25 10:54		rubina	OK



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136243

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
Q2392-01	S-1	1	1.15	10.05	11.2	10.42	92.2	
Q2392-02	S-1A	2	1.18	10.49	11.67	10.97	93.3	
Q2393-01	PARK AVE -1	3	1.17	10.34	11.51	9.78	83.3	
Q2393-02	PARK AVE -1	4	1.15	10.07	11.22	9.4	81.9	
Q2393-03	PARK AVE -2	5	1.13	10.85	11.98	10.19	83.5	
Q2393-04	PARK AVE -2	6	1.19	10.26	11.45	9.55	81.5	
Q2393-05	PARK AVE -3	7	1.12	10.25	11.37	10.00	86.6	
Q2393-06	PARK AVE -3	8	1.15	10.84	11.99	10.5	86.3	
Q2393-07	PARK AVE -4	9	1.16	10.70	11.86	10.54	87.7	
Q2393-08	PARK AVE -4	10	1.19	9.86	11.05	9.84	87.7	
Q2393-09	PARK AVE -5	11	1.15	10.84	11.99	11.05	91.3	
Q2393-10	PARK AVE -5	12	1.15	9.95	11.1	9.95	88.4	
Q2393-11	PARK AVE -6	13	1.19	10.23	11.42	10.07	86.8	
Q2393-12	PARK AVE -6	14	1.17	10.52	11.69	10.4	87.7	
Q2394-01	MH-K/L	15	1.18	10.49	11.67	10.23	86.3	
Q2394-02	MH-K/L EPH	16	1.19	9.97	11.16	9.58	84.2	
Q2394-03	MH-K/L VOC	17	1.13	10.86	11.99	10.66	87.8	
Q2394-04	MH-K/L	18	1.18	10.49	11.67	10.23	86.3	
Q2396-01	245F53-1-1	19	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-02	245F53-1-2	20	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-03	LAW-25-1A	21	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-04	LAW-25-1B	22	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-05	LAW-25-2A	23	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-06	LAW-25-2B	24	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-07	LAW-25-3A	25	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-08	LAW-25-3B	26	1.00	1.00	2.00	2.00	100.0	oilc
Q2398-01	M00-25-0169	27	1.00	1.00	2.00	2.00	100.0	oil sample
Q2398-03	M00-25-0179	28	1.19	10.07	11.26	7.63	64.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136243

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
Q2398-04	M00-25-0179-E2	29	1.19	10.25	11.44	7.68	63.3	
Q2398-06	ARS20-0036	30	1.19	10.53	11.72	10.47	88.1	
Q2398-07	ARS20-0036-E2	31	1.12	10.77	11.89	10.9	90.8	
Q2399-01	TP-13	32	1.13	10.84	11.97	10.27	84.3	
Q2399-02	TP-13-EPH	33	1.19	10.36	11.55	9.96	84.7	
Q2399-03	TP-13-VOC	34	1.15	10.84	11.99	10.36	85.0	
Q2399-04	TP-13	35	1.13	10.84	11.97	10.27	84.3	
Q2399-05	EP-7	36	1.19	10.47	11.66	10.37	87.7	
Q2399-06	EP-7-EPH	37	1.19	10.47	11.66	10.33	87.3	
Q2399-07	EP-7-VOC	38	1.16	10.57	11.73	10.38	87.2	
Q2399-08	EP-13	39	1.19	10.47	11.66	10.37	87.7	
Q2400-01	B-156-SB01	40	1.17	10.58	11.75	10.11	84.5	
Q2400-02	B-134-SB01	41	1.19	10.00	11.19	9.49	83.0	
Q2403-03	LAW-25-0093	42	1.18	10.24	11.42	10.54	91.4	
Q2403-04	LAW-25-0093-E2	43	1.18	10.14	11.32	10.42	91.1	
Q2403-05	Concrete-062325	44	1.15	10.84	11.99	11.71	97.4	
Q2403-07	ARS 20-006	45	1.19	10.44	11.63	11.13	95.2	
Q2403-08	ARS020-0006-E2	46	1.18	10.64	11.82	11.09	93.1	
Q2405-01	MH-M/H	47	1.19	10.11	11.3	10.37	90.8	
Q2405-02	MH-M/N-EPH	48	1.19	10.01	11.2	10.15	89.5	
Q2405-03	MH-M/N-VOC	49	1.11	10.71	11.82	10.9	91.4	
Q2406-01	PUMPING-PLANT	50	1.00	1.00	2.00	2.00	100.0	oil sample
Q2409-02	COP-SOIL-PILE	51	1.18	10.58	11.76	11.38	96.4	
Q2410-01	TRE-25-0021	52	1.00	1.00	2.00	2.00	100.0	debris
Q2411-01	TRE-2002	53	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2412-01	TR-05-062425	54	1.18	10.08	11.26	10.94	96.8	
Q2412-02	TR-05-062425-E2	55	1.16	10.28	11.44	11.23	98.0	

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

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2392-01	S-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	A41	06/23/2025	Chemtech -SO
Q2392-02	S-1A	Solid	Percent Solids	Cool 4 deg C	EARTH03	A41	06/23/2025	Chemtech -SO
Q2393-01	PARK AVE -1	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-02	PARK AVE -1	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-03	PARK AVE -2	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-04	PARK AVE -2	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-05	PARK AVE -3	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-06	PARK AVE -3	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-07	PARK AVE -4	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-08	PARK AVE -4	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-09	PARK AVE -5	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-10	PARK AVE -5	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-11	PARK AVE -6	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-12	PARK AVE -6	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2394-01	MH-K/L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-02	MH-K/L EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-03	MH-K/L VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-04	MH-K/L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2396-01	245F53-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-02	245F53-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-03	LAW-25-1A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO

Date/Time 06/24/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2396-04	LAW-25-1B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-05	LAW-25-2A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-06	LAW-25-2B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-07	LAW-25-3A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-08	LAW-25-3B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2398-01	M00-25-0169	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-03	M00-25-0179	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-04	M00-25-0179-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-06	ARS20-0036	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-07	ARS20-0036-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2399-01	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-02	TP-13-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-03	TP-13-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-04	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-05	EP-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-06	EP-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-07	EP-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-08	EP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2400-01	B-156-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	A42	06/23/2025	Chemtech -SO
Q2400-02	B-134-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	A42	06/23/2025	Chemtech -SO
Q2403-03	LAW-25-0093	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2403-04	LAW-25-0093-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-05	Concrete-062325	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-07	ARS 20-006	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-08	ARS020-0006-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2405-01	MH-M/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2405-02	MH-M/N-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2405-03	MH-M/N-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2406-01	PUMPING-PLANT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/23/2025	Chemtech -SO
Q2409-02	COP-SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	COPP02	D51	06/24/2025	Chemtech -SO
Q2410-01	TRE-25-0021	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2411-01	TRE-2002	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2412-01	TR-05-062425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/24/2025	Chemtech -SO
Q2412-02	TR-05-062425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/24/2025	Chemtech -SO

Date/Time 06/24/25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25 17:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Earth Engineering

ADDRESS: 4103 Commerce Ln

CITY West Berlin STATE: NJ ZIP:

ATTENTION: Frank Dougherty

PHONE: 856-768-1001 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Thomas McGovern

PROJECT NO.: LOCATION: NJ

PROJECT MANAGER: Frank Dougherty

e-mail: frankd@earthengineering.com

PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: S.A. Inc. PO#:

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 3 DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

TCE/PAH
VO PORTION of
EPH

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH

B-HNO3 E-ICE

C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	S-1	S-1	X	X	6/23/98	7:45	2	X		X							
2.	S-1A	1	X	X	6/23/98	7:25	1		X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 6/23/98 9:18	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments: IF G-1
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2392	EARTH03	Order Date : 6/23/2025 10:03:33 AM	Project Mgr :
Client Name : Earth Engineering Inc.		Project Name : Thomas McGovern	Report Type : Results Only
Client Contact : Frank Dougherty, LSRP		Receive DateTime : 6/23/2025 9:18:00 AM	EDD Type : HAZ/EXCEL
Invoice Name : Earth Engineering Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Frank Dougherty, LSRP			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2392-02	S-1A	Solid	06/23/2025	07:25	VOC-TCLVOA-10	TCL+30/TAL	8260D		3 Bus. Days

Relinquished By :

Date / Time : 6/23/25 1145

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room