

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : THOMAS MCGOVEN

EARTH ENGINEERING INC.

403 Commerce Lane

West Berlin, NJ - 08091

Phone No: 8567681001

ORDER ID : Q2392

ATTENTION : Frank Dougherty, LSRP



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) VOC-TCLVOA-10- Case Narrative	4
2.2) SVOC-TCL BNA -20- Case Narrative	6
2.3) Pesticide-TCL- Case Narrative	8
2.4) PCB- Case Narrative	10
2.5) EPH- Case Narrative	12
2.6) Metals-AES- Case Narrative	14
2.7) Genchem- Case Narrative	16
3) Qualifier Page	17
4) QA Checklist	19
5) VOC-TCLVOA-10 Data	20
6) SVOC-TCL BNA -20 Data	26
7) Pesticide-TCL Data	33
8) PCB Data	38
9) EPH Data	42
10) Metals-AES Data	49
11) Genchem Data	53
12) Shipping Document	56
12.1) CHAIN OF CUSTODY	57
12.2) Lab Certificate	58
12.3) Internal COC	59

1
2
3
4
5
6
7
8
9
10
11
12

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: 7/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike for {PB168601BS} with File ID: BF142839.D met requirements for all samples except for 3,3-Dichlorobenzidine[39%], Butylbenzylphthalate[106%]. But associated samples have not positive hit for these compounds therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID BF142834.D met the requirements except for Benzaldehyde,Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate,Di-n-butylphthalate and Di-n-octyl phthalate . Failing high but associated samples have not positive hit for these compounds therefore no corrective action was taken.



The Tuning criteria met requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: PCB

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: EPH

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for EPH.

C. Analytical Techniques:

The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {Q2392-01MS} with File ID: FC069283.D recoveries met the requirements for all compounds except for aliphatic [n-Nonane (C9) - 38%], [n-Tetracosane (C24) – 34%] due to matrix interference .& aliphatic [Naphthalene (C11.7)- 1%, 2-methylnaphthalene (C12.89)- 1%], these analytes compounds are only being monitoring in aliphatic friction...

The MS {Q2392-01MS} with File ID: FD049519.D recoveries met the requirements for all compounds except for aromatic [Chrysene (C27.41) - 218%], [Bnezo[k]fluoranthene (C30.14) – 220%], [Dibenz[a,h]anthracene (C30.36) - 221%], [benzo[b]fluoranthene (C30.41) - 208%], due to matrix interference.

The MSD {Q2392-01MSD} with File ID: FC069284.D recoveries met the requirements for all compounds except for aliphatic [n-Nonane (C9) - 39%], [n-Tetracosane (C24) – 34%] due to matrix interference .& aliphatic [Naphthalene (C11.7)- 1%, 2-

methylnaphthalene (C12.89)- 1%], these analytes compounds are only being monitoring in aliphatic friction.

The MSD {Q2392-01MSD} with File ID: FD049520.D recoveries met the requirements for all compounds except for aromatic [Chrysene (C27.41) - 219%], [Bnezo[k]fluoranthene (C30.14) - 221%], [Dibenz[a,h]anthracene (C30.36) - 222%], [benzo[b]fluoranthene (C30.41) - 209%], due to matrix interference

The RPD met criteria .

The Blank Spike for {PB168603BS} with File ID: FC069279.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic friction.

The Blank Spike Duplicate for {PB168603BSD} with File ID: FC069280.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic friction.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Mercury, Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all parameters.

The Duplicate (PARK AVE -6DUP) analysis met criteria for all parameters except for Antimony, Arsenic, Calcium, Chromium, Copper, Iron, Manganese, Nickel, Selenium, Silver due to matrix interference.

The Duplicate (PARK AVE -6MSD) analysis met criteria for all parameters except for Calcium, Manganese due to matrix interference.

The Matrix Spike (PARK AVE -6MS) analysis met criteria for all parameters except for Antimony, Beryllium, Chromium, Copper, Nickel, Selenium, Silver, Sodium, Vanadium, Zinc due to matrix unknown interference during digestion and very oily and viscous matrix of sample.

The Matrix Spike Duplicate (PARK AVE -6MSD) analysis met criteria for all parameters except for Antimony, Chromium, Cobalt, Copper, Nickel, Potassium, Selenium, Silver, Sodium, Vanadium, Zinc due to matrix unknown interference during digestion and very oily and viscous matrix of sample.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.



The Serial Dilution (PARK AVE -6L) met criteria for all parameters except for Aluminum, Calcium, Chromium, Copper, Iron, Magnesium and Manganese due to unknown interference.

E. Additional Comments:

The Post Digest Spike (PARK AVE -6A) analysis met criteria for all parameters except for Antimony, Beryllium, Chromium, Copper, Selenium, Silver, Sodium, Vanadium and Zinc due to unknown chemical interferences of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

In analytical sequence LB136273, the concentration was outside of acceptance limit for Chromium of CCB06 which is not associated to any sample of this project.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Earth Engineering Inc.

Project Name: Thomas McGoven

Project # N/A

Order ID # Q2392

Test Name: Cyanide

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 06/23/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, EPH_NF, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Cyanide.

C. Analytical Techniques:

The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all parameters.

The Duplicate analysis met criteria for all parameters.

The Matrix Spike analysis met criteria for all parameters.

The Matrix Spike Duplicate analysis met criteria for all parameters.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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: MOHAMMAD AHMED

Date: 07/07/2025

Hit Summary Sheet
SW-846

SDG No.: Q2392

Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

Client ID:

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:	06/23/25	
Project:	Thomas McGoven		Date Received:	06/23/25	
Client Sample ID:	S-1A		SDG No.:	Q2392	
Lab Sample ID:	Q2392-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	93.3	
Sample Wt/Vol:	5.16	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022794.D	1		06/24/25 13:55	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.82	U	0.82	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.20	ug/Kg
67-64-1	Acetone	4.90	U	4.90	26.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.76	U	0.76	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.89	U	0.89	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	0.83	5.20	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	26.0	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.78	U	0.78	5.20	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.20	ug/Kg
67-66-3	Chloroform	0.87	U	0.87	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.95	U	0.95	5.20	ug/Kg
71-43-2	Benzene	0.82	U	0.82	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	5.20	ug/Kg
79-01-6	Trichloroethene	0.84	U	0.84	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.95	U	0.95	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.81	U	0.81	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	26.0	ug/Kg
108-88-3	Toluene	0.81	U	0.81	5.20	ug/Kg

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1A	SDG No.:	Q2392
Lab Sample ID:	Q2392-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.3
Sample Wt/Vol:	5.16	Units: g	Final Vol: 5000 uL
Soil Aliquot Vol:		uL	Test: VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level : LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022794.D	1		06/24/25 13:55	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.64	U	0.64	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	26.0	ug/Kg
124-48-1	Dibromochloromethane	0.90	U	0.90	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.91	U	0.91	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.95	U	0.95	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.70	U	0.70	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.4	ug/Kg
95-47-6	o-Xylene	0.85	U	0.85	5.20	ug/Kg
100-42-5	Styrene	0.74	U	0.74	5.20	ug/Kg
75-25-2	Bromoform	0.89	U	0.89	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.81	U	0.81	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	3.10	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	3.30	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		17 - 146	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	337000	7.707			
540-36-3	1,4-Difluorobenzene	619000	8.609			
3114-55-4	Chlorobenzene-d5	593000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	270000	13.34			

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:	06/23/25	
Project:	Thomas McGoven		Date Received:	06/23/25	
Client Sample ID:	S-1A		SDG No.:	Q2392	
Lab Sample ID:	Q2392-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	93.3	
Sample Wt/Vol:	5.16	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022794.D	1		06/24/25 13:55	VY062425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-02	S-1A	SOIL	VOC-TCLVOA-10	8260D	06/23/25		06/24/25	06/23/25

Hit Summary Sheet SW-846

SDG No.: Q2392
Client: Earth Engineering Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-1								
Q2392-01	S-1	SOIL	n-Hexadecanoic acid	*	210.000	J 0	0	ug/Kg
Q2392-01	S-1	SOIL	Pentadecafluorooctanoic acid, octa	*	120.000	J 0	0	ug/Kg
Q2392-01	S-1	SOIL	Pentadecane, 2,6,10-trimethyl-	*	88.100	J 0	0	ug/Kg
Q2392-01	S-1	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	430.000	J 0	0	ug/Kg
Q2392-01	S-1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB 0	0	ug/Kg
Q2392-01	S-1	SOIL	Benzophenone	*	160.000	J 0	0	ug/Kg
Q2392-01	S-1	SOIL	Benzyl Alcohol	*	280.000	J 52.5	360	ug/Kg
Total Tics :					1,518.10			
Total Concentration:					1,518.10			



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142822.D	1	06/24/25 13:00	06/24/25 16:30	PB168601

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	23.9	U	23.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.3	U	26.3	180	ug/Kg
95-57-8	2-Chlorophenol	26.4	U	26.4	180	ug/Kg
95-48-7	2-Methylphenol	32.4	U	32.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.6	U	40.6	180	ug/Kg
98-86-2	Acetophenone	31.9	U	31.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	44.5	U	44.5	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.3	U	51.3	86.6	ug/Kg
67-72-1	Hexachloroethane	19.1	U	19.1	180	ug/Kg
98-95-3	Nitrobenzene	19.8	U	19.8	180	ug/Kg
78-59-1	Isophorone	35.5	U	35.5	180	ug/Kg
88-75-5	2-Nitrophenol	63.0	U	63.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	70.2	U	70.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.4	U	33.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.6	U	30.6	180	ug/Kg
91-20-3	Naphthalene	24.6	U	24.6	180	ug/Kg
106-47-8	4-Chloroaniline	38.3	U	38.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.4	U	27.4	180	ug/Kg
105-60-2	Caprolactam	56.4	U	56.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.1	U	31.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.7	U	27.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.4	U	21.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.5	U	31.5	180	ug/Kg
92-52-4	1,1-Biphenyl	23.6	U	23.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.4	U	24.4	180	ug/Kg
88-74-4	2-Nitroaniline	52.1	U	52.1	180	ug/Kg
131-11-3	Dimethylphthalate	29.3	U	29.3	180	ug/Kg

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142822.D	1	06/24/25 13:00	06/24/25 16:30	PB168601

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.3	U	31.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.4	U	36.4	180	ug/Kg
99-09-2	3-Nitroaniline	49.8	U	49.8	180	ug/Kg
83-32-9	Acenaphthene	23.1	U	23.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.6	U	24.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.2	U	54.2	180	ug/Kg
84-66-2	Diethylphthalate	30.6	U	30.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.9	U	28.9	180	ug/Kg
86-73-7	Fluorene	27.4	U	27.4	180	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.6	U	35.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.1	U	30.1	180	ug/Kg
118-74-1	Hexachlorobenzene	27.4	U	27.4	180	ug/Kg
1912-24-9	Atrazine	36.8	U	36.8	180	ug/Kg
87-86-5	Pentachlorophenol	55.5	U	55.5	360	ug/Kg
85-01-8	Phenanthrene	22.6	U	22.6	180	ug/Kg
120-12-7	Anthracene	36.1	U	36.1	180	ug/Kg
86-74-8	Carbazole	33.8	U	33.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.9	U	51.9	180	ug/Kg
206-44-0	Fluoranthene	32.5	U	32.5	180	ug/Kg
129-00-0	Pyrene	39.0	U	39.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	77.3	UQ	77.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.7	UQ	39.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	24.9	U	24.9	180	ug/Kg
218-01-9	Chrysene	21.5	U	21.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.1	U	64.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	94.0	U	94.0	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.6	U	20.6	180	ug/Kg

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142822.D	1	06/24/25 13:00	06/24/25 16:30	PB168601

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.3	U	24.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.9	U	31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.5	U	31.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.7	U	29.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.8	U	27.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.7	U	27.7	180	ug/Kg
123-91-1	1,4-Dioxane	48.9	U	48.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.7	U	29.7	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	70.2		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	71.2		15 - 107	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.7		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.3		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.9		10 - 116	43%	SPK: 150
1718-51-0	Terphenyl-d14	32.6		10 - 105	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	65200	6.881			
1146-65-2	Naphthalene-d8	225000	8.163			
15067-26-2	Acenaphthene-d10	97200	9.916			
1517-22-2	Phenanthrene-d10	151000	11.404			
1719-03-5	Chrysene-d12	175000	14.051			
1520-96-3	Perylene-d12	129000	15.539			

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB		5.09	ug/Kg
100-51-6	Benzyl Alcohol	280	J		7.02	ug/Kg
000119-61-9	Benzophenone	160	J		10.6	ug/Kg
003892-00-0	Pentadecane, 2,6,10-trimethyl-	88.1	J		10.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J		11.9	ug/Kg
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	430	J		12.9	ug/Kg
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J		13.9	ug/Kg

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOC-TCL BNA -20
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup :
		N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142822.D	1	06/24/25 13:00	06/24/25 16:30	PB168601

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
------------	-----------	-------	-----------	-----	------------	-------------------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL	SVOC-TCL BNA -20	8270E	06/23/25	06/24/25	06/24/25	06/23/25

Hit Summary Sheet
SW-846

SDG No.: Q2392

Order ID: Q2392

Client: Earth Engineering Inc.

Project ID: Thomas McGoven

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-1								
Q2392-01	S-1	SOIL	Dieldrin	0.82	JP	0.15	1.80	ug/kg
Q2392-01	S-1	SOIL	4,4-DDE	0.41	J	0.15	1.80	ug/kg
Q2392-01	S-1	SOIL	4,4-DDT	0.80	J	0.15	1.80	ug/kg
Total Concentration:				2.030				

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:	06/23/25	
Project:	Thomas McGoven		Date Received:	06/23/25	
Client Sample ID:	S-1		SDG No.:	Q2392	
Lab Sample ID:	Q2392-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	92.2	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089138.D	1	06/25/25 08:45	06/25/25 17:27	PB168608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.42	U	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.82	JP	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.41	J	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.80	J	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.80	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	35.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.5		20 - 144	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.2		19 - 148	86%	SPK: 20

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:	06/23/25	
Project:	Thomas McGoven		Date Received:	06/23/25	
Client Sample ID:	S-1		SDG No.:	Q2392	
Lab Sample ID:	Q2392-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	92.2	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089138.D	1	06/25/25 08:45	06/25/25 17:27	PB168608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL	Pesticide-TCL	8081B	06/23/25	06/25/25	06/25/25	06/23/25
			EPH	NJEPH		06/24/25	06/25/25	



Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q2392	Order ID:	Q2392
Client:	Earth Engineering Inc.	Project ID:	Thomas McGoven

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:	06/23/25	
Project:	Thomas McGoven		Date Received:	06/23/25	
Client Sample ID:	S-1		SDG No.:	Q2392	
Lab Sample ID:	Q2392-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	92.2	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073238.D	1	06/25/25 08:45	06/25/25 13:31	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.4	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.4	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.4	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.4	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.4	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		32 - 175	100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
			EPH	NJEPH		06/24/25	06/25/25	



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 13:45	06/25/25 12:48	PB168603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	J	1	0.15	1.08	mg/kg	FC069281.D
Aliphatic C12-C16	Aliphatic C12-C16	0.51	J	1	0.12	0.72	mg/kg	FC069281.D
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	1	0.14	1.08	mg/kg	FC069281.D
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	1	0.57	1.44	mg/kg	FC069281.D
Aliphatic C28-C40	Aliphatic C28-C40	2.08	J	1	1.28	2.16	mg/kg	FC069281.D
Aromatic C10-C12	Aromatic C10-C12	0.36	J	1	0.13	0.72	mg/kg	FD049517.D
Aromatic C12-C16	Aromatic C12-C16	0.51	J	1	0.25	1.08	mg/kg	FD049517.D
Aromatic C16-C21	Aromatic C16-C21	2.39		1	0.43	1.80	mg/kg	FD049517.D
Aromatic C21-C36	Aromatic C21-C36	1.82	J	1	1.29	2.89	mg/kg	FD049517.D
Total AliphaticEPH	Total AliphaticEPH	3.54	J		2.27	6.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.08	J		2.10	6.49	mg/kg	
Total EPH	Total EPH	8.62	J		4.37	13.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069281.D	1	06/24/25	06/25/25	PB168603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	J	0.15	1.08	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.51	J	0.12	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	0.14	1.08	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	0.57	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.08	J	1.28	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2392-01	Acq On:	25 Jun 2025 12:48
Client Sample ID:	S-1	Operator:	YP/AJ
Data file:	FC069281.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.306	6.605	807014	5.502	300	ug/ml
Aliphatic C12-C16	6.606	10.009	1128622	7.089	200	ug/ml
Aliphatic C16-C21	10.010	13.380	1172889	7.595	300	ug/ml
Aliphatic C21-C28	13.381	17.044	1003070	7.487	400	ug/ml
Aliphatic C28-C40	17.045	22.027	2654326	28.812	600	ug/ml
Aliphatic EPH	3.306	22.027	6765921	56.485		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	4752505	36.38		ug/ml
Aliphatic C9-C28	3.306	17.044	4111595	27.673	1200	ug/ml

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049517.D	1	06/24/25	06/25/25	PB168603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.36	J	0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.51	J	0.25	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.39		0.43	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.82	J	1.29	2.89	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.0		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.4		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2392-01	Acq On:	25 Jun 2025 12:48
Client Sample ID:	S-1	Operator:	YP/AJ
Data file:	FD049517.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	629312	5.027	200	ug/ml
Aromatic C12-C16	6.173	8.800	1054877	7.073	300	ug/ml
Aromatic C16-C21	8.801	13.090	5195665	33.072	500	ug/ml
Aromatic C21-C36	13.091	18.510	3492208	25.278	800	ug/ml
Aromatic EPH	4.429	18.510	10372062	70.45		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	4202156	26.5		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	5348525	41.95		ug/ml
2-Fluorobiphenyl (SURR)	8.602	8.602	3763831	42.39		ug/ml

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
			EPH	NJEPH		06/24/25	06/25/25	

Hit Summary Sheet SW-846

SDG No.: Q2392 **Order ID:** Q2392
Client: Earth Engineering Inc. **Project ID:** Thomas McGoven

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-1								
Q2392-01	S-1	SOIL	Aluminum	1280		0.85	5.04	mg/Kg
Q2392-01	S-1	SOIL	Antimony	0.61	J	0.22	2.52	mg/Kg
Q2392-01	S-1	SOIL	Arsenic	2.52		0.19	1.01	mg/Kg
Q2392-01	S-1	SOIL	Barium	26.7		0.74	5.04	mg/Kg
Q2392-01	S-1	SOIL	Beryllium	0.49		0.025	0.30	mg/Kg
Q2392-01	S-1	SOIL	Calcium	1970		11.2	101	mg/Kg
Q2392-01	S-1	SOIL	Chromium	3.24		0.047	0.50	mg/Kg
Q2392-01	S-1	SOIL	Cobalt	3.77		0.10	1.51	mg/Kg
Q2392-01	S-1	SOIL	Copper	21.1		0.22	1.01	mg/Kg
Q2392-01	S-1	SOIL	Iron	4040		4.03	5.04	mg/Kg
Q2392-01	S-1	SOIL	Lead	9.27		0.13	0.61	mg/Kg
Q2392-01	S-1	SOIL	Magnesium	187		12.1	101	mg/Kg
Q2392-01	S-1	SOIL	Manganese	23.9		0.14	1.01	mg/Kg
Q2392-01	S-1	SOIL	Mercury	0.015		0.0080	0.014	mg/Kg
Q2392-01	S-1	SOIL	Nickel	5.55		0.13	2.02	mg/Kg
Q2392-01	S-1	SOIL	Potassium	294		27.9	101	mg/Kg
Q2392-01	S-1	SOIL	Selenium	0.92	J	0.26	1.01	mg/Kg
Q2392-01	S-1	SOIL	Sodium	126		18.0	101	mg/Kg
Q2392-01	S-1	SOIL	Vanadium	11.0		0.25	2.02	mg/Kg
Q2392-01	S-1	SOIL	Zinc	9.38		0.11	2.02	mg/Kg



SAMPLE DATA

Report of Analysis

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

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1280		1	0.85	5.04	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-36-0	Antimony	0.61	JN*	1	0.22	2.52	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-38-2	Arsenic	2.52	*	1	0.19	1.01	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-39-3	Barium	26.7		1	0.74	5.04	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-41-7	Beryllium	0.49	N	1	0.025	0.30	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-70-2	Calcium	1970	*	1	11.2	101	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-47-3	Chromium	3.24	N*	1	0.047	0.50	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-48-4	Cobalt	3.77	N	1	0.10	1.51	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-50-8	Copper	21.1	N*	1	0.22	1.01	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7439-89-6	Iron	4040	*	1	4.03	5.04	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7439-92-1	Lead	9.27		1	0.13	0.61	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7439-95-4	Magnesium	187		1	12.1	101	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7439-96-5	Manganese	23.9	*	1	0.14	1.01	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7439-97-6	Mercury	0.015		1	0.0080	0.014	mg/Kg	06/24/25 15:35	06/26/25 10:25	7471B	
7440-02-0	Nickel	5.55	N*	1	0.13	2.02	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-09-7	Potassium	294	N	1	27.9	101	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7782-49-2	Selenium	0.92	JN*	1	0.26	1.01	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-22-4	Silver	0.12	UN*	1	0.12	0.50	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-23-5	Sodium	126	N	1	18.0	101	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.02	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-62-2	Vanadium	11.0	N	1	0.25	2.02	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050
7440-66-6	Zinc	9.38	N	1	0.11	2.02	mg/Kg	06/24/25 13:15	06/25/25 18:21	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

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

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

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL			06/23/25			06/23/25
			Mercury	7471B		06/24/25	06/26/25	
			Metals ICP-TAL	6010D		06/24/25	06/25/25	



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

LAB CHRONICLE

OrderID:	Q2392	OrderDate:	6/23/2025 10:03:33 AM
Client:	Earth Engineering Inc.	Project:	Thomas McGoven
Contact:	Frank Dougherty, LSRP	Location:	A41

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



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING 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:

PROJECT NAME: Thomas McGovern

PROJECT NO.: LOCATION: NJ

PROJECT MANAGER: Frank Dougherty

e-mail: frankd@earthengineering.com

PHONE: FAX:

BILL TO: S.A.M.E.

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: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> 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 : 06/23/25 11:45

Storage Area : VOA Refridgerator Room