

DATA PACKAGE

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

PROJECT NAME : NYC DOT HARPER STREET YARD NORTH

SCALAMANDRE – TULLY JV

157 Albany Ave

Freeport, NY - 11520

Phone No: 646-789-3197

ORDER ID : Q1803

ATTENTION : William J. Muenckler



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) TCLP VOA- Case Narrative	4
2.2) TCLP BNA- Case Narrative	6
2.3) TCLP Pesticide- Case Narrative	8
2.4) TCLP Herbicide- Case Narrative	10
2.5) Metals-TCLP- Case Narrative	12
2.6) Genchem- Case Narrative	13
3) Qualifier Page	14
4) QA Checklist	16
5) TCLP VOA Data	17
6) TCLP BNA Data	22
7) TCLP Pesticide Data	31
8) TCLP Herbicide Data	38
9) Metals-TCLP Data	44
10) Genchem Data	49
11) Shipping Document	53
11.1) CHAIN OF CUSTODY	54
11.2) Lab Certificate	55

1
2
3
4
5
6
7
8
9
10
11

Cover Page

Order ID : Q1803

Project ID : NYC DOT Harper Street Yard North

Client : Scalamandre – Tully JV

Lab Sample Number

Q1803-01
Q1803-02

Client Sample Number

WEST-BAY
FUEL-MONITORING

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:57 pm, Apr 23, 2025

Date: 4/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for TCLP VOA.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

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.

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.

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Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:57 pm, Apr 23, 2025

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 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:

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.

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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:58 pm, Apr 23, 2025

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for TCLP Pesticide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_L. 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 TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WEST-BAY [Tetrachloro-m-xylene(1) - 71%, Tetrachloro-m-xylene(2) - 65%], WEST-BAYRE [Tetrachloro-m-xylene(1) - 72% and Tetrachloro-m-xylene(2) - 65%], All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data.

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 .



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

E. Additional Comments:

F. Manual Integration Comments:

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

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Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:59 pm, Apr 23, 2025

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for TCLP Herbicide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 {Q1800-03MS} with File ID: PS029830.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[147%] and 2,4-D[143%], due to matrix interference.

The MSD {Q1800-03MSD} with File ID: PS029831.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[147%] and 2,4-D[142%], due to matrix interference.

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.



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E. Additional Comments:

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_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:59 pm, Apr 23, 2025



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

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: TCLP Mercury, TCLP ICP Metals

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for TCLP Mercury, TCLP ICP Metals.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable 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 _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:59 pm, Apr 23, 2025



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

CASE NARRATIVE

Scalamandre – Tully JV

Project Name: NYC DOT Harper Street Yard North

Project # N/A

Chemtech Project # Q1803

Test Name: Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/14/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and TCLP-FULL. This data package contains results for Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of Corrosivity was based on method 9045D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for FUEL-MONITORING of Corrosivity, for WEST-BAY of Corrosivity as samples were receive out of holding time. The Blank Spike met requirements for all samples. The Duplicate analysis met criteria for all samples. 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 _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:00 pm, Apr 23, 2025

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 #: Q1803

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: SOHIL JODHANI

Date: 04/21/2025

Hit Summary Sheet
SW-846

SDG No.: Q1803

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q1803-01	WEST-BAY WEST-BAY	TCLP	2-Butanone	9.40	J	0.98	25.0	ug/L
			Total Voc :	9.40				
			Total Concentration:	9.40				
Client ID: Q1803-02	FUEL-MONITORING FUEL-MONITORING	TCLP	2-Butanone	9.50	J	0.98	25.0	ug/L
			Total Voc :	9.50				
			Total Concentration:	9.50				



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045809.D	1		04/16/25 15:44	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.40	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69800	5.544			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	131000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	57400	12.018			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045810.D	1		04/16/25 16:08	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.50	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71000	5.55			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56700	12.018			

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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP	TCLP VOA	8260D	04/10/25		04/16/25	04/14/25
Q1803-02	FUEL-MONITORING	TCLP	TCLP VOA	8260D	04/10/25		04/16/25	04/14/25



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

Hit Summary Sheet
SW-846

SDG No.: Q1803
Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/15/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/15/25
Client Sample ID:	PB167587TB	SDG No.:	Q1803
Lab Sample ID:	PB167587TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM049948.D	1	04/15/25 12:00	04/16/25 12:05	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		10 - 139	86%	SPK: 150
13127-88-3	Phenol-d6	124		10 - 134	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.8		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.0		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	112		48 - 125	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	341000	7.769			
1146-65-2	Naphthalene-d8	1140000	10.563			
15067-26-2	Acenaphthene-d10	733000	14.416			
1517-22-2	Phenanthrene-d10	1440000	17.162			
1719-03-5	Chrysene-d12	1380000	21.403			
1520-96-3	Perylene-d12	1520000	24.409			

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/15/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/15/25
Client Sample ID:	PB167587TB	SDG No.:	Q1803
Lab Sample ID:	PB167587TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM049948.D	1	04/15/25 12:00	04/16/25 12:05	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024301.D	1	04/15/25 12:00	04/15/25 19:32	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	115		10 - 139	76%	SPK: 150
13127-88-3	Phenol-d6	92.1		10 - 134	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.2		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.9		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	96.8		48 - 125	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	345000	7.728			
1146-65-2	Naphthalene-d8	1310000	10.504			
15067-26-2	Acenaphthene-d10	752000	14.363			
1517-22-2	Phenanthrene-d10	1400000	17.169			
1719-03-5	Chrysene-d12	1340000	21.616			
1520-96-3	Perylene-d12	1320000	24.992			

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024301.D	1	04/15/25 12:00	04/15/25 19:32	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024302.D	1	04/15/25 12:00	04/15/25 20:13	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	123		10 - 139	82%	SPK: 150
13127-88-3	Phenol-d6	100		10 - 134	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.0		49 - 133	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.0		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	101		48 - 125	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	306000	7.728			
1146-65-2	Naphthalene-d8	1160000	10.504			
15067-26-2	Acenaphthene-d10	664000	14.369			
1517-22-2	Phenanthrene-d10	1250000	17.169			
1719-03-5	Chrysene-d12	1240000	21.633			
1520-96-3	Perylene-d12	1210000	25.004			

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024302.D	1	04/15/25 12:00	04/15/25 20:13	PB167606

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP			04/10/25			04/14/25
			TCLP BNA	8270E		04/15/25	04/15/25	
Q1803-02	FUEL-MONITORING	TCLP			04/10/25			04/14/25
			TCLP BNA	8270E		04/15/25	04/15/25	

Hit Summary Sheet
SW-846

SDG No.: Q1803

Order ID: Q1803

Client: Scalamandre – Tully JV

Project ID: NYC DOT Harper Street Yard North

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:		
Project:	NYC DOT Harper Street Yard North		Date Received:	04/16/25	
Client Sample ID:	PB167587TB		SDG No.:	Q1803	
Lab Sample ID:	PB167587TB		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095259.D	1	04/16/25 08:45	04/16/25 14:53	PB167609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.7		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		77 - 126	102%	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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095260.D	1	04/16/25 08:45	04/16/25 15:07	PB167609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		43 - 140	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1	*	77 - 126	71%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAYRE	SDG No.:	Q1803
Lab Sample ID:	Q1803-01RE	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095271.D	1	04/16/25 08:45	04/17/25 09:59	PB167609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.3		43 - 140	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.4	*	77 - 126	72%	SPK: 20

Comments:

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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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095261.D	1	04/16/25 08:45	04/16/25 15:21	PB167609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		43 - 140	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		77 - 126	88%	SPK: 20

Comments:

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LOD = Limit of Detection

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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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP	TCLP Herbicide	8151A	04/10/25	04/16/25	04/16/25	04/14/25
			TCLP Pesticide	8081B		04/16/25	04/16/25	
Q1803-01RE	WEST-BAYRE	TCLP	TCLP Pesticide	8081B	04/10/25	04/16/25	04/17/25	04/14/25
Q1803-02	FUEL-MONITORING	TCLP	TCLP Herbicide	8151A	04/10/25	04/16/25	04/16/25	04/14/25
			TCLP Pesticide	8081B		04/16/25	04/16/25	

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q1803	Order ID:	Q1803
Client:	Scalamandre – Tully JV	Project ID:	NYC DOT Harper Street Yard North

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:		
Project:	NYC DOT Harper Street Yard North		Date Received:	04/16/25	
Client Sample ID:	PB167587TB		SDG No.:	Q1803	
Lab Sample ID:	PB167587TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029826.D	1	04/16/25 08:34	04/16/25 18:01	PB167608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	638		39 - 175	128%	SPK: 500

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029827.D	1	04/16/25 08:34	04/16/25 18:25	PB167608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	542		39 - 175	108%	SPK: 500

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029828.D	1	04/16/25 08:34	04/16/25 18:49	PB167608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	532		39 - 175	106%	SPK: 500

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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP	TCLP Herbicide	8151A	04/10/25	04/16/25	04/16/25	04/14/25
			TCLP Pesticide	8081B		04/16/25	04/16/25	
Q1803-01RE	WEST-BAYRE	TCLP	TCLP Pesticide	8081B	04/10/25	04/16/25	04/17/25	04/14/25
Q1803-02	FUEL-MONITORING	TCLP	TCLP Herbicide	8151A	04/10/25	04/16/25	04/16/25	04/14/25
			TCLP Pesticide	8081B		04/16/25	04/16/25	

Hit Summary Sheet
SW-846

SDG No.:	Q1803	Order ID:	Q1803
Client:	Scalamandre – Tully JV	Project ID:	NYC DOT Harper Street Yard North

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WEST-BAY								
Q1803-01	WEST-BAY	TCLP	Barium	1100		62.8	500	ug/L
Q1803-01	WEST-BAY	TCLP	Cadmium	1.96	J	0.94	30.0	ug/L
Client ID : FUEL-MONITORING								
Q1803-02	FUEL-MONITORING	TCLP	Barium	1210		62.8	500	ug/L
Q1803-02	FUEL-MONITORING	TCLP	Cadmium	3.24	J	0.94	30.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-39-3	Barium	1100		1	62.8	500	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-43-9	Cadmium	1.96	J	1	0.94	30.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	04/16/25 09:25	04/16/25 13:46	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	04/15/25 12:30	04/16/25 16:19	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-39-3	Barium	1210		1	62.8	500	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-43-9	Cadmium	3.24	J	1	0.94	30.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	04/16/25 09:25	04/16/25 13:48	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	04/15/25 12:30	04/16/25 16:23	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP			04/10/25			04/14/25
			TCLP ICP Metals	6010D		04/15/25	04/16/25	
			TCLP Mercury	7470A		04/16/25	04/16/25	
Q1803-02	FUEL-MONITORING	TCLP			04/10/25			04/14/25
			TCLP ICP Metals	6010D		04/15/25	04/16/25	
			TCLP Mercury	7470A		04/16/25	04/16/25	



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25 12:30
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.70	H	1	0	0	pH		04/14/25 16:10	9045D
Ignitability	NO		1	0	0	oC		04/14/25 13:22	1030
Reactive Cyanide	0.014	J	1	0.0083	0.050	mg/Kg	04/15/25 08:45	04/15/25 14:49	9012B
Reactive Sulfide	4.76	J	1	0.20	10.0	mg/Kg	04/15/25 12:30	04/15/25 15:39	9034

Comments: pH result reported at temperature 23.4 °C

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:	Scalamandre – Tully JV	Date Collected:	04/10/25 12:30
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.56	H	1	0	0	pH		04/14/25 16:14	9045D
Ignitability	NO		1	0	0	oC		04/14/25 13:30	1030
Reactive Cyanide	0.0087	J	1	0.0083	0.050	mg/Kg	04/15/25 08:45	04/15/25 14:49	9012B
Reactive Sulfide	1.58	J	1	0.20	10.0	mg/Kg	04/15/25 12:30	04/15/25 15:41	9034

Comments: pH result reported at temperature 23.1 °C

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:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	SOIL			04/10/25 12:30			04/14/25
			Corrosivity	9045D			04/14/25 16:10	
			Ignitability	1030			04/14/25 13:22	
			Reactive Cyanide	9012B		04/15/25	04/15/25 14:49	
			Reactive Sulfide	9034		04/15/25	04/15/25 15:39	
Q1803-02	FUEL-MONITORING	SOIL			04/10/25 12:30			04/14/25
			Corrosivity	9045D			04/14/25 16:14	
			Ignitability	1030			04/14/25 13:30	
			Reactive Cyanide	9012B		04/15/25	04/15/25 14:49	
			Reactive Sulfide	9034		04/15/25	04/15/25 15:41	



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1803

COC Number:

CLIENT INFORMATION		PROJECT INFORMATION				BILLING INFORMATION															
COMPANY: Scalandre Tully JV		PROJECT NAME: DOT Harper Street Yard				BILL TO: Same					PO#										
ADDRESS: 57 Seaview Blvd		PROJECT #: 23657		LOCATION:		ADDRESS:															
CITY: Pt Washington STATE: NY ZIP: 11050		PROJECT MANAGER:				CITY:					STATE: ZIP:										
ATTENTION: Dean Devoe		E-MAIL:				ATTENTION:					PHONE:										
PHONE: 718 446 7000 FAX:		PHONE: FAX:				ANALYSIS															
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				PRESERVATIVES															
FAX: _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		* RESULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD Format _____				Full TCLP RIC 1 2 3 4 5 6 7 8 9															
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		COMMENTS									
						COMP GRAB		DATE TIME				<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other									
1.		West Bay		Soil				4/10/25 1230		X		X									
2.		Fuel Monitoring		Soil				4/10/25 1230		X		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		DATE/TIME April 10, 2025		RECEIVED BY		4-14-25 1115		Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0													
1. D Devoe				1.				MeOH extraction requires an additional 4oz. Jar for percent solid													
RELINQUISHED BY		DATE/TIME		RECEIVED BY				Comments:													
2.				2.																	
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY				Page _____ of _____		SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight		ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight		Shipment Complete		<input type="checkbox"/> YES <input type="checkbox"/> NO					
3.				3.																	
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT														YELLOW - ALLIANCE COPY				PINK - SAMPLER COPY			

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