

LAB CHRONICLE

OrderID:	Q2027	OrderDate:	5/13/2025 12:52:00 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2027-03	B27-SOIL-SAMPLE	SOIL			05/12/25			05/13/25
			PCB	8082A		05/14/25	05/15/25	
			TCLP Herbicide	8151A		05/19/25	05/19/25	
Q2027-04	B28-SOIL-SAMPLE	SOIL			05/12/25			05/13/25
			PCB	8082A		05/14/25	05/15/25	
			TCLP Herbicide	8151A		05/19/25	05/20/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2027

Order ID: Q2027

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



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:		
Project:	NYC DOT Harper Street Yard North		Date Received:	05/19/25	
Client Sample ID:	PB167994TB		SDG No.:	Q2027	
Lab Sample ID:	PB167994TB		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030293.D	1	05/19/25 09:15	05/19/25 23:26	PB168065

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	736		39 - 175	147%	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:	05/12/25	
Project:	NYC DOT Harper Street Yard North		Date Received:	05/13/25	
Client Sample ID:	B27-SOIL-SAMPLE		SDG No.:	Q2027	
Lab Sample ID:	Q2027-03		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030294.D	1	05/19/25 09:15	05/19/25 23:50	PB168065

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	516		39 - 175	103%	SPK: 500

Comments:

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Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:	05/12/25	
Project:	NYC DOT Harper Street Yard North		Date Received:	05/13/25	
Client Sample ID:	B28-SOIL-SAMPLE		SDG No.:	Q2027	
Lab Sample ID:	Q2027-04		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030297.D	1	05/19/25 09:15	05/20/25 01:03	PB168065

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	485		39 - 175	97%	SPK: 500

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: Q2027

Client: Scalamandre – Tully JV

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030124.D	PIBLK-PS030124.D	2,4-DCAA	1	500	419	84		39	175
		2,4-DCAA	2	500	418	84		39	175
I.BLK-PS030287.D	PIBLK-PS030287.D	2,4-DCAA	1	500	463	93		39	175
		2,4-DCAA	2	500	462	92		39	175
PB168065BL	PB168065BL	2,4-DCAA	1	500	459	92		39	175
		2,4-DCAA	2	500	430	86		39	175
PB168065BS	PB168065BS	2,4-DCAA	1	500	548	110		39	175
		2,4-DCAA	2	500	535	107		39	175
PB167994TB	PB167994TB	2,4-DCAA	1	500	736	147		39	175
		2,4-DCAA	2	500	494	99		39	175
Q2027-03	B27-SOIL-SAMPLE	2,4-DCAA	1	500	516	103		39	175
		2,4-DCAA	2	500	491	98		39	175
Q2027-03MS	B27-SOIL-SAMPLEMS	2,4-DCAA	1	500	508	102		39	175
		2,4-DCAA	2	500	497	99		39	175
Q2027-03MSD	B27-SOIL-SAMPLEMSD	2,4-DCAA	1	500	510	102		39	175
		2,4-DCAA	2	500	496	99		39	175
Q2027-04	B28-SOIL-SAMPLE	2,4-DCAA	1	500	485	97		39	175
		2,4-DCAA	2	500	479	96		39	175
I.BLK-PS030299.D	PIBLK-PS030299.D	2,4-DCAA	1	500	469	94		39	175
		2,4-DCAA	2	500	463	93		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2027</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Scalamandre – Tully JV</u>	DataFile :	<u>PS030295.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: B27-SOIL-SAMPLEMS												
Q2027-03MS (Column 1)	2,4-D	50	0	56.4	ug/L	113				65	135	
	2,4,5-TP(Silvex)	50	0	52.7	ug/L	105				62	139	
Client Sample ID: B27-SOIL-SAMPLEMS												
Q2027-03MS (Column 2)	2,4-D	50	0	57.1	ug/L	114				65	135	
	2,4,5-TP(Silvex)	50	0	54.3	ug/L	109				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2027</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Scalamandre – Tully JV</u>	DataFile :	<u>PS030296.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: B27-SOIL-SAMPLEMSD												
Q2027-03MSD (Column 1)	2,4-D	50	0	56.5	ug/L	113		0		65	135	20
	2,4,5-TP(Silvex)	50	0	52.6	ug/L	105		0		62	139	20
Client Sample ID: B27-SOIL-SAMPLEMSD												
Q2027-03MSD (Column 2)	2,4-D	50	0	56.9	ug/L	114		0		65	135	20
	2,4,5-TP(Silvex)	50	0	53.9	ug/L	108		0		62	139	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2027</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Scalamandre – Tully JV</u>	Datafile :	<u>PS030292.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168065BS (Column 1)	2,4-D	5	5.20	ug/L	104				83	130	
	2,4,5-TP(Silvex)	5	5.20	ug/L	104				78	127	
PB168065BS (Column 2)	2,4-D	5	5.10	ug/L	102				83	130	
	2,4,5-TP(Silvex)	5	5.20	ug/L	104				78	127	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168065BL

Lab Name: CHEMTECH

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027

SAS No.: Q2027 SDG NO.: Q2027

Lab Sample ID: PB168065BL

Lab File ID: PS030291.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/19/2025

Date Analyzed (1): 05/19/2025

Date Analyzed (2): 05/19/2025

Time Analyzed (1): 22:38

Time Analyzed (2): 22:38

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168065BS	PB168065BS	PS030292.D	05/19/2025	05/19/2025
PB167994TB	PB167994TB	PS030293.D	05/19/2025	05/19/2025
B27-SOIL-SAMPLE	Q2027-03	PS030294.D	05/19/2025	05/19/2025
B27-SOIL-SAMPLEMS	Q2027-03MS	PS030295.D	05/20/2025	05/20/2025
B27-SOIL-SAMPLEMSD	Q2027-03MSD	PS030296.D	05/20/2025	05/20/2025
B28-SOIL-SAMPLE	Q2027-04	PS030297.D	05/20/2025	05/20/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:		
Project:	NYC DOT Harper Street Yard North		Date Received:		
Client Sample ID:	PB168065BL		SDG No.:	Q2027	
Lab Sample ID:	PB168065BL		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030291.D	1	05/19/25 09:15	05/19/25 22:38	PB168065

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	459		39 - 175	92%	SPK: 500

Comments:

U = Not Detected
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 D = Dilution
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 () = Laboratory InHouse Limit

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:	05/12/25	
Project:	NYC DOT Harper Street Yard North		Date Received:	05/12/25	
Client Sample ID:	PIBLK-PS030124.D		SDG No.:	Q2027	
Lab Sample ID:	I.BLK-PS030124.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030124.D	1		05/12/25	PS051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	419		39 - 175	84%	SPK: 500

Comments:

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/19/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/19/25
Client Sample ID:	PIBLK-PS030287.D	SDG No.:	Q2027
Lab Sample ID:	I.BLK-PS030287.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030287.D	1		05/19/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		39 - 175	93%	SPK: 500

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/20/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/20/25
Client Sample ID:	PIBLK-PS030299.D	SDG No.:	Q2027
Lab Sample ID:	I.BLK-PS030299.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030299.D	1		05/20/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	469		39 - 175	94%	SPK: 500

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Scalamandre – Tully JV		Date Collected:		
Project:	NYC DOT Harper Street Yard North		Date Received:		
Client Sample ID:	PB168065BS		SDG No.:	Q2027	
Lab Sample ID:	PB168065BS		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030292.D	1	05/19/25 09:15	05/19/25 23:02	PB168065

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.20		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.20		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		39 - 175	110%	SPK: 500

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLEMS	SDG No.:	Q2027
Lab Sample ID:	Q2027-03MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030295.D	1	05/19/25 09:15	05/20/25 00:14	PB168065

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	57.1		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	54.3		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	508		39 - 175	102%	SPK: 500

Comments:

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLEMSD	SDG No.:	Q2027
Lab Sample ID:	Q2027-03MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030296.D	1	05/19/25 09:15	05/20/25 00:38	PB168065

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	56.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	53.9		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	510		39 - 175	102%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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() = Laboratory InHouse Limit



CALIBRATION SUMMARY



Contract:	<u>SCAL01</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2027</u>	SAS No.:	<u>Q2027</u>	SDG NO.:	<u>Q2027</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):		<u>05/12/2025</u>	<u>05/12/2025</u>		
		Calibration Times:		<u>12:30</u>	<u>14:06</u>		

LAB FILE ID:	RT 200 =	<u>PS030125.D</u>	RT 500 =	<u>PS030126.D</u>
RT 750 =	PS030127.D	RT 1000 =	PS030128.D	RT 1500 =
				PS030129.D

[illegible]



Contract:	<u>SCAL01</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2027</u>	SAS No.:	<u>Q2027</u>	SDG NO.:	<u>Q2027</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):		<u>05/12/2025</u>	<u>05/12/2025</u>		
		Calibration Times:		<u>12:30</u>	<u>14:06</u>		

LAB FILE ID:	RT 200 =	<u>PS030125.D</u>	RT 500 =	<u>PS030126.D</u>
RT 750 =	<u>PS030127.D</u>	RT 1000 =	<u>PS030128.D</u>	RT 1500 =
				<u>PS030129.D</u>

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

Instrument ID: ECD_S

Calibration Date(s): 05/12/2025 05/12/2025

Calibration Times: 12:30 14:06

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS030125.D</u>	CF 500 =	<u>PS030126.D</u>		
CF 750 =		<u>PS030127.D</u>	CF 1000 =	<u>PS030128.D</u>	CF 1500 =	<u>PS030129.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	19321200000	16303400000	15619800000	15128700000	14606800000	16196000000	11
2,4-D	4048870000	3291910000	3113030000	3014870000	2926010000	3278940000	14
2,4-DCAA	3540840000	2868830000	2702520000	2609290000	2517560000	2847810000	14

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

Instrument ID: ECD_S

Calibration Date(s): 05/12/2025 05/12/2025

Calibration Times: 12:30 14:06

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS030125.D</u>	CF 500 =	<u>PS030126.D</u>		
CF 750 =		<u>PS030127.D</u>	CF 1000 =	<u>PS030128.D</u>	CF 1500 =	<u>PS030129.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	10913400000	9868000000	9697110000	9517670000	9255920000	9850430000	6
2,4-D	1480680000	1290430000	1248060000	1225910000	1207420000	1290500000	9
2,4-DCAA	922885000	799420000	773490000	758361000	746863000	800204000	9

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM **Case No.:** Q2027 **SAS No.:** Q2027 **SDG NO.:** Q2027

Continuing Calib Date: 05/19/2025 **Initial Calibration Date(s):** 05/12/2025 05/12/2025

Continuing Calib Time: 21:26 **Initial Calibration Time(s):** 12:30 14:06

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM **Case No.:** Q2027 **SAS No.:** Q2027 **SDG NO.:** Q2027

Continuing Calib Date: 05/19/2025 **Initial Calibration Date(s):** 05/12/2025 05/12/2025

Continuing Calib Time: 21:26 **Initial Calibration Time(s):** 12:30 14:06

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030288.D Time Analyzed: 21:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.848	8.750	8.950	717.600	712.500	0.7
2,4-D	8.006	7.910	8.110	703.830	705.000	-0.2
2,4-DCAA	6.931	6.834	7.034	740.950	750.000	-1.2

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030288.D Time Analyzed: 21:26

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.517	9.423	9.623	729.750	712.500	2.4
2,4-D	8.639	8.544	8.744	708.970	705.000	0.6
2,4-DCAA	7.450	7.354	7.554	739.160	750.000	-1.4

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM **Case No.:** Q2027 **SAS No.:** Q2027 **SDG NO.:** Q2027

Continuing Calib Date: 05/20/2025 **Initial Calibration Date(s):** 05/12/2025 05/12/2025

Continuing Calib Time: 02:15 **Initial Calibration Time(s):** 12:30 14:06

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM **Case No.:** Q2027 **SAS No.:** Q2027 **SDG NO.:** Q2027

Continuing Calib Date: 05/20/2025 **Initial Calibration Date(s):** 05/12/2025 05/12/2025

Continuing Calib Time: 02:15 **Initial Calibration Time(s):** 12:30 14:06

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/20/2025

Lab Sample No.: HSTDCCC750 Data File : PS030300.D Time Analyzed: 02:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	8.847	8.750	8.950	740.100	712.500	3.9
2,4-D	8.006	7.910	8.110	727.670	705.000	3.2
2,4-DCAA	6.930	6.834	7.034	766.930	750.000	2.3

CALIBRATION VERIFICATION SUMMARY

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/20/2025

Lab Sample No.: HSTDCCC750 Data File : PS030300.D Time Analyzed: 02:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.516	9.423	9.623	744.460	712.500	4.5
2,4-D	8.638	8.544	8.744	726.120	705.000	3.0
2,4-DCAA	7.449	7.354	7.554	755.260	750.000	0.7

Analytical Sequence

Client: Scalamandre – Tully JV	SDG No.: Q2027
Project: NYC DOT Harper Street Yard North	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
1.BLK	1.BLK	05/12/2025	12:06	PS030124.D	6.93	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	6.93	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	6.93	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	6.93	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	6.93	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	6.93	0.00
1.BLK	1.BLK	05/19/2025	21:02	PS030287.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	21:26	PS030288.D	6.93	0.00
PB168065BL	PB168065BL	05/19/2025	22:38	PS030291.D	6.93	0.00
PB168065BS	PB168065BS	05/19/2025	23:02	PS030292.D	6.93	0.00
PB167994TB	PB167994TB	05/19/2025	23:26	PS030293.D	6.93	0.00
B27-SOIL-SAMPLE	Q2027-03	05/19/2025	23:50	PS030294.D	6.93	0.00
B27-SOIL-SAMPLEMS	Q2027-03MS	05/20/2025	00:14	PS030295.D	6.93	0.00
B27-SOIL-SAMPLEMSD	Q2027-03MSD	05/20/2025	00:38	PS030296.D	6.93	0.00
B28-SOIL-SAMPLE	Q2027-04	05/20/2025	01:03	PS030297.D	6.93	0.00
1.BLK	1.BLK	05/20/2025	01:51	PS030299.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/20/2025	02:15	PS030300.D	6.93	0.00

Analytical Sequence

Client: Scalamandre – Tully JV	SDG No.: Q2027
Project: NYC DOT Harper Street Yard North	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
1.BLK	1.BLK	05/12/2025	12:06	PS030124.D	7.45	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	7.45	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	7.45	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	7.45	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	7.45	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	7.45	0.00
1.BLK	1.BLK	05/19/2025	21:02	PS030287.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	21:26	PS030288.D	7.45	0.00
PB168065BL	PB168065BL	05/19/2025	22:38	PS030291.D	7.45	0.00
PB168065BS	PB168065BS	05/19/2025	23:02	PS030292.D	7.45	0.00
PB167994TB	PB167994TB	05/19/2025	23:26	PS030293.D	7.45	0.00
B27-SOIL-SAMPLE	Q2027-03	05/19/2025	23:50	PS030294.D	7.45	0.00
B27-SOIL-SAMPLEMS	Q2027-03MS	05/20/2025	00:14	PS030295.D	7.45	0.00
B27-SOIL-SAMPLEMSD	Q2027-03MSD	05/20/2025	00:38	PS030296.D	7.45	0.00
B28-SOIL-SAMPLE	Q2027-04	05/20/2025	01:03	PS030297.D	7.45	0.00
1.BLK	1.BLK	05/20/2025	01:51	PS030299.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/20/2025	02:15	PS030300.D	7.45	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B27-SOIL-SAMPLEMS

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027

SAS No.: Q2027 SDG NO.: Q2027

Lab Sample ID: Q2027-03MS

Date(s) Analyzed: 05/20/2025 05/20/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	56.4	1.2
	2	8.64	8.59	8.69	57.1	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	52.7	3
	2	9.52	9.47	9.57	54.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B27-SOIL-SAMPLEMSD

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027

SAS No.: Q2027 SDG NO.: Q2027

Lab Sample ID: Q2027-03MSD

Date(s) Analyzed: 05/20/2025 05/20/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	56.5	0.7
	2	8.64	8.59	8.69	56.9	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	52.6	2.4
	2	9.52	9.47	9.57	53.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168065BS

Contract: SCAL01

Lab Code: CHEM Case No.: Q2027

SAS No.: Q2027

SDG NO.: Q2027

Lab Sample ID: PB168065BS

Date(s) Analyzed: 05/19/2025 05/19/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	5.20	1.9
	2	8.64	8.59	8.69	5.10	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	5.20	0
	2	9.52	9.47	9.57	5.20	