

DATA PACKAGE

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

PROJECT NAME : 10TH STREET & 2ND AVENUE

TULLY CONSTRUCTION CO., INC.

127-50 Northern Boulevard

Flushing, NY - 11368-1520

Phone No: 718-446-7000

ORDER ID: P5112

ATTENTION : Dean Devoe



Laboratory Certification ID # 20012







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Cover Page

- Order ID : P5112
- **Project ID :** 10th Street & 2nd Avenue
 - Client : Tully Construction Co., Inc.

Lab Sample Number

P5112-01 P5112-02

Client Sample Number

10TH-ST-SOIL 10TH-ST-SOIL

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.



By Nimisha Pandya, QA/QC Supervisor at 1:52 pm, Dec 16, 2024 Date:

12/16/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

Signature :



2.1

CASE NARRATIVE

Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC 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 Tuning criteria met requirements.

E. Additional Comments:

As per special requirement for this project form-1 are reported in mg/kg.

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 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

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:52 pm, Dec 16, 2024



CASE NARRATIVE

Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for SVOC-PAH.

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 df The analysis of SVOC-PAH 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 except for 10TH-ST-SOIL, 10TH-ST-SOILDL reanalyzed with the required dilution and both run were reported in Hard Copy.

The Retention Times were acceptable for all samples.

The MS {P5112-01MS} with File ID: BF140780.D recoveries met the requirements for all compounds except for Fluoranthene[11%], Phenanthrene[44%], due to matrix interference, therefore no corrective is required.

The MSD {P5112-01MSD} with File ID: BF140781.D recoveries met the acceptable requirements except for Fluoranthene[33%], Phenanthrene[50%], due to matrix interference, therefore no corrective is required.

The RPD for {P5112-01MSD} with File ID: BF140781.D met criteria except for Fluoranthene[100%], due to matrix interference, therefore no corrective is required.



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.

Sample 10TH-ST-SOIL was diluted due to high concentration.

E. Additional Comments:

As per special requirement for this project form-1 and Hit Summary are reported in mg/kg.

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 <15% 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 > 15% 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.





CASE NARRATIVE

Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: PCB

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC 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 μ m; 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:

As per special requirement for this project form-1 are reported in mg/kg. 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.



2.3

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 1:53 pm, Dec 16, 2024



CASE NARRATIVE

Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: TPH GC

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for TPH GC.

C. Analytical Techniques:

The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of TPH GC was based on method 8015D 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 {P5112-01MS} with File ID: FG014930.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[-186%] due to matrix interference. The MSD {P5112-01MSD} with File ID: FG014931.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[-205%] 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 .

Samples 10TH-ST-SOIL was diluted due to bad matrix.

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.





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CASE NARRATIVE

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Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL, Mercury.

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 samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (10TH-ST-SOILMS) analysis met criteria for all samples except for Chromium and Sodium due to chemical interference during digestion Process.

The Matrix Spike Duplicate (10TH-ST-SOILMSD) analysis met criteria for all samples except for Chromium and Copper due to chemical interference during digestion process. The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met criteria for all samples.

E. Additional Comments:





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CASE NARRATIVE

2.6

Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: TCLP Mercury,TCLP ICP Metals

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. 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 (COMP-1MS) analysis met criteria for all samples except for Barium due to Chemical interference during digestion process.

The Matrix Spike Duplicate (COMP-1MSD) analysis met criteria for all samples except for Barium due to Chemical interference during digestion process.

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:





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CASE NARRATIVE

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Tully Construction Co., Inc. Project Name: 10th Street & 2nd Avenue Project # N/A Chemtech Project # P5112 Test Name: Corrosivity,Ignitability,Reactive Cyanide,Reactive Sulfide

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. 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 10TH-ST-SOIL of Corrosivity as sample 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:





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				
Ε	Indicates the reported value is estimated because of the presence of interference				
Μ	Indicates Duplicate injection precision not met.				
Ν	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 OR	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 analyzedIndicates 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				
Н	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: (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 is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. 					
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".					
Ε	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.					
Р	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".					
Ν	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.					
Α	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 #: P5112

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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u> </u>
Is the chain of custody signed and complete	<u> </u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u> </u>
Collect information for each project id from server. Were all requirements followed	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u> </u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	<u> </u>
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	<u> </u>
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: <u>SOHIL JODHANI</u>



Hit Summary Sheet SW-846

 SDG No.:
 P5112

 Client:
 Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	С	oncentratio	n	С	MDL	RDL	Units
Client ID:	10TH-ST-SOIL									
P5112-01	10TH-ST-SOIL	SOIL	Naphthalene, decahydro-2,3-	din *	5.00		J	0	0	ug/Kg
P5112-01	10TH-ST-SOIL	SOIL	Naphthalene, decahydro-2,6-	diı *	4.50		J	0	0	ug/Kg
P5112-01	10TH-ST-SOIL	SOIL	Cyclodecene, 1-methyl-	*	5.30		J	0	0	ug/Kg
P5112-01	10TH-ST-SOIL	SOIL	cis-Decalin, 2-syn-methyl-	*	6.10		J	0	0	ug/Kg
			Total Tics :		20).9				
			Total Concentration:		20).9				

5

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Repor	t of	Ana	lysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/24
Project:	10th Street & 2nd Avenue	Date Received:	12/05/24
Client Sample ID:	10TH-ST-SOIL	SDG No.:	P5112
Lab Sample ID:	P5112-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	6.29 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	D
VY020532.D	1			12/06/24 13:33	VY120624	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0014	U	0.0014	0.0043	mg/Kg
74-87-3	Chloromethane	0.0010	U	0.0010	0.0043	mg/Kg
75-01-4	Vinyl Chloride	0.00067	U	0.00067	0.0043	mg/Kg
74-83-9	Bromomethane	0.00090	U	0.00090	0.0043	mg/Kg
75-00-3	Chloroethane	0.00088	U	0.00088	0.0043	mg/Kg
75-69-4	Trichlorofluoromethane	0.00079	U	0.00079	0.0043	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00093	U	0.00093	0.0043	mg/Kg
75-35-4	1,1-Dichloroethene	0.00068	U	0.00068	0.0043	mg/Kg
67-64-1	Acetone	0.0054	U	0.0054	0.022	mg/Kg
75-15-0	Carbon Disulfide	0.0011	U	0.0011	0.0043	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00058	U	0.00058	0.0043	mg/Kg
79-20-9	Methyl Acetate	0.0016	U	0.0016	0.0043	mg/Kg
75-09-2	Methylene Chloride	0.0030	U	0.0030	0.0087	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00073	U	0.00073	0.0043	mg/Kg
75-34-3	1,1-Dichloroethane	0.00055	U	0.00055	0.0043	mg/Kg
110-82-7	Cyclohexane	0.00060	U	0.00060	0.0043	mg/Kg
78-93-3	2-Butanone	0.0049	U	0.0049	0.022	mg/Kg
56-23-5	Carbon Tetrachloride	0.00076	U	0.00076	0.0043	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00053	U	0.00053	0.0043	mg/Kg
74-97-5	Bromochloromethane	0.0021	U	0.0021	0.0043	mg/Kg
67-66-3	Chloroform	0.00058	U	0.00058	0.0043	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00068	U	0.00068	0.0043	mg/Kg
108-87-2	Methylcyclohexane	0.00076	U	0.00076	0.0043	mg/Kg
71-43-2	Benzene	0.00063	U	0.00063	0.0043	mg/Kg
107-06-2	1,2-Dichloroethane	0.00053	U	0.00053	0.0043	mg/Kg
79-01-6	Trichloroethene	0.00065	U	0.00065	0.0043	mg/Kg
78-87-5	1,2-Dichloropropane	0.00057	U	0.00057	0.0043	mg/Kg
75-27-4	Bromodichloromethane	0.00049	U	0.00049	0.0043	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0038	U	0.0038	0.022	mg/Kg
108-88-3	Toluene	0.00058	U	0.00058	0.0043	mg/Kg



Client:	Tully Construction Co., Inc.	Date Collected:	12/05/24
Project:	10th Street & 2nd Avenue	Date Received:	12/05/24
Client Sample ID:	10TH-ST-SOIL	SDG No.:	P5112
Lab Sample ID:	P5112-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	6.29 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
VY020532.D	1		12/06/24 13:33	VY120624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.00052	U	0.00052	0.0043	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00050	U	0.00050	0.0043	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00073	U	0.00073	0.0043	mg/Kg
591-78-6	2-Hexanone	0.0042	U	0.0042	0.022	mg/Kg
124-48-1	Dibromochloromethane	0.00057	U	0.00057	0.0043	mg/Kg
106-93-4	1,2-Dibromoethane	0.00069	U	0.00069	0.0043	mg/Kg
127-18-4	Tetrachloroethene	0.00077	U	0.00077	0.0043	mg/Kg
108-90-7	Chlorobenzene	0.00064	U	0.00064	0.0043	mg/Kg
100-41-4	Ethyl Benzene	0.00054	U	0.00054	0.0043	mg/Kg
179601-23-1	m/p-Xylenes	0.0012	U	0.0012	0.0087	mg/Kg
95-47-6	o-Xylene	0.00061	U	0.00061	0.0043	mg/Kg
100-42-5	Styrene	0.00052	U	0.00052	0.0043	mg/Kg
75-25-2	Bromoform	0.00070	U	0.00070	0.0043	mg/Kg
98-82-8	Isopropylbenzene	0.00058	U	0.00058	0.0043	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.0043	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00064	U	0.00064	0.0043	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00070	U	0.00070	0.0043	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00051	U	0.00051	0.0043	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.0043	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.00069	U	0.00069	0.0043	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.00068	U	0.00068	0.0043	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		50 - 163	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		54 - 147	99%	SPK: 50
2037-26-5	Toluene-d8	49.9		58 - 134	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.5		29 - 146	67%	SPK: 50
INTERNAL STA	ANDARDS					
363-72-4	Pentafluorobenzene	150000	7.719			
540-36-3	1,4-Difluorobenzene	255000	8.622			
3114-55-4	Chlorobenzene-d5	189000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	54400	13.353			
TENTATIVE ID	ENTIFIED COMPOUNDS					

P5112

C D



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/24
Project:	10th Street & 2nd Avenue	Date Received:	12/05/24
Client Sample ID:	10TH-ST-SOIL	SDG No.:	P5112
Lab Sample ID:	P5112-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	6.29 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 I	D
VY020532.D	1			12/06/24 13:33	VY120624	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
066633-38-3	Cyclodecene, 1-methyl-	5.30	J		14.2	ug/Kg
1000155 05 (· D 1· 0 (1.1	C 10				17 7
1000155-85-6	cis-Decalin, 2-syn-methyl-	6.10	J		14.7	ug/Kg
1000155-85-6 001008-80-6	Naphthalene, decahydro-2,3-dimetl	6.10 hy 5.00	J J		14.7 14.8	ug/Kg ug/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
- 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

С



A B C D

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe			OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. <i>‡</i>	3:00 AM nd Avenue ¢2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL		82600	12/05/24		12/06/24	12/05/24



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

Hit Summary Sheet SW-846

SDG No.: P5112

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units
Client ID :	10TH-ST-SOIL							
P5112-01	10TH-ST-SOIL	SOIL	Naphthalene	0.160	J	0.090	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Acenaphthylene	0.140	J	0.095	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Acenaphthene	0.410		0.089	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Fluorene	0.400		0.093	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Phenanthrene	4.500	Е	0.092	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Anthracene	1.100		0.092	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Fluoranthene	5.500	Е	0.089	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Pyrene	3.400	Е	0.091	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Benzo(a)anthracene	2.700		0.088	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Chrysene	2.200		0.087	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Benzo(b)fluoranthene	2.600		0.089	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Benzo(k)fluoranthene	1.300		0.090	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Benzo(a)pyrene	2.300		0.10	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Indeno(1,2,3-cd)pyrene	0.800		0.085	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Dibenzo(a,h)anthracene	0.250		0.089	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Benzo(g,h,i)perylene	0.860		0.088	0.19	mg/Kg
			Total Svoc :		28.0	62		
			Total Concentration:		28.	62		
Client ID :	10TH-ST-SOILDL							
P5112-01DL	10TH-ST-SOILDL	SOIL	Phenanthrene	4.600	D	0.46	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Anthracene	1.100	D	0.46	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Fluoranthene	6.000	D	0.45	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Pyrene	3.700	D	0.45	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Benzo(a)anthracene	2.500	D	0.44	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Chrysene	2.100	D	0.43	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Benzo(b)fluoranthene	2.800	D	0.44	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Benzo(k)fluoranthene	1.000	D	0.45	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Benzo(a)pyrene	2.200	D	0.51	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Indeno(1,2,3-cd)pyrene	0.860	JD	0.43	0.93	mg/Kg
P5112-01DL	10TH-ST-SOILDL	SOIL	Benzo(g,h,i)perylene	1.000	D	0.44	0.93	mg/Kg
			Total Svoc :		27.8	86		
			Total Concentration:		27.	86		

6

B C





A B C D



Report of Analysis

B C

D

Client:	Tully Construction	n Co., Inc.			Date Collected:	12/05/24	
Project:	10th Street & 2nd	Avenue			Date Received:	12/05/24	L
Client Sample	ID: 10TH-ST-SOIL				SDG No.:	P5112	
Lab Sample ID): P5112-01				Matrix:	SOIL	
Analytical Met	thod: SW8270				% Solid	91.4	
						1000	т
Sample Wt/vol	1: 30.04 Units:	g			Final Vol:	1000	uL
Soil Aliquot Vo	ol:	uL			Test:	SVOC-P	AH
Extraction Typ	e:	Decan	ted : N		Level :	LOW	
Injection Volur	me :	GPC Factor :	1.0		GPC Cleanup :	Ν	PH :
Prep Method :	SW3541						
File ID/Qc Batch	h: Dilution:	Prep Date		Date A	nalyzed	Prep Batch	ID
BF140779.D	BF140779.D 1		8:55	12/06/2	24 20:44	PB165423	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units(Dry Weigh
TARGETS	Nonhthalana	0.16	т	0.000		0.10	m a /V a
91-20-3	Naphinalene	0.16	J	0.090		0.19	mg/Kg
208-90-8	Acenaphthene	0.14	J	0.095		0.19	mg/Kg
83-32-9	Acenaphthene	0.41		0.089		0.19	mg/Kg
86-/3-/	Fluorene	0.40	г	0.093		0.19	mg/Kg
85-01-8	Phenanthrene	4.50	E	0.092		0.19	mg/Kg
120-12-7	Anthracene	1.10		0.092		0.19	mg/Kg
206-44-0	Fluoranthene	5.50	E	0.089		0.19	mg/Kg
129-00-0	Pyrene	3.40	Е	0.091		0.19	mg/Kg
56-55-3	Benzo(a)anthracene	2.70		0.088		0.19	mg/Kg
218-01-9	Chrysene	2.20		0.087		0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	2.60		0.089		0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.30		0.090		0.19	mg/Kg
50-32-8	Benzo(a)pyrene	2.30		0.10		0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.80		0.085		0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.25		0.089		0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.86		0.088		0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	97.0		18 - 107		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		20 - 109		104%	SPK: 100
1718-51-0	Terphenyl-d14	78.3		10 - 105		78%	SPK: 100
INTERNAL STA	NDARDS		6.0.60				
3855-82-1	1,4-Dichlorobenzene-d4	61700	6.869				
1146-65-2	Naphthalene-d8	222000	8.145				
15067-26-2	Acenaphthene-d10	108000	9.904				
1517-22-2	Phenanthrene-d10	162000	11.398				
1719-03-5	Chrysene-d12	132000	14.051				

1520-96-3

Perylene-d12

15.557

113000



Report of Analysis									
Client:	Tully Construe	ction Co., Inc.		Date Collected:	12/05/24				
Project:	10th Street &	2nd Avenue		Date Received:	12/05/24				
Client Sample ID:	10TH-ST-SOI	L		SDG No.:	P5112				
Lab Sample ID:	P5112-01			Matrix:	SOIL				
Analytical Method:	SW8270			% Solid:	91.4				
Sample Wt/Vol:	30.04 Ur	iits: g		Final Vol:	1000	uL			
Soil Aliquot Vol:		uL		Test:	SVOC-PAH				
Extraction Type :		Deca	nted : 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				
BF140779.D	1	12/06/24 0	08:55	12/06/24 20:44	PB165423				
CAS Number Para	imeter	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



Client:

1520-96-3

Perylene-d12

Date Collected:

12/05/24

Report of Analysis

Tully Construction Co., Inc.

6

Project:	10th Street & 2nd	Avenue			Date Received:	12/05/24	ļ
Client Sample	ID: 10TH-ST-SOILD	L			SDG No.:	P5112	
Lab Sample II	D: P5112-01DL				Matrix:	SOIL	
Analytical Me	thod: SW8270				% Solid:	91.4	
Sample Wt/Vo	J. 30.04 Units.	σ			Final Vol	1000	nГ
Soil Aliquet V		8			Test	SVOC E	
Son Anquot V	01.	uL			lest.	SV0C-P	АП
Extraction Typ	be :	Dec	anted : N	1	Level :	LOW	
Injection Volu	me :	GPC Factor	: 1.0		GPC Cleanup :	Ν	PH :
Prep Method :	SW3541						
File ID/Qc Batc	h: Dilution:	Prep Dat	e	Date A	nalyzed	Prep Batch	ID
BF140803.D	5	12/06/24	08:55	12/10/2	24 13:39	PB165423	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units(Dry Weight
TARGETS	Nanhthalana	0.45	UD	0.45		0.93	ma/Ka
208-96-8	Acenanhthylene	0.43		0.43		0.93	mg/Kg
83-32-9	Acenaphthene	0.44	UD	0.44		0.93	mg/Kg
86-73-7	Fluorene	0.47	UD	0.47		0.93	mg/Kg
85-01-8	Phenanthrene	4.60	D	0.46		0.93	mg/Kg
120-12-7	Anthracene	1.10	D	0.46		0.93	mg/Kg
206-44-0	Fluoranthene	6.00	D	0.45		0.93	mg/Kg
129-00-0	Pyrene	3.70	D	0.45		0.93	mg/Kg
56-55-3	Benzo(a)anthracene	2.50	D	0.44		0.93	mg/Kg
218-01-9	Chrysene	2.10	D	0.43		0.93	mg/Kg
205-99-2	Benzo(b)fluoranthene	2.80	D	0.44		0.93	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.00	D	0.45		0.93	mg/Kg
50-32-8	Benzo(a)pyrene	2.20	D	0.51		0.93	mg/Kg
193-39-5	Indeno(1.2.3-cd)pyrene	0.86	JD	0.43		0.93	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.44	UD	0.44		0.93	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.00	D	0.44		0.93	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	94.4		18 - 107		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	108		20 - 109		108%	SPK: 100
1718-51-0	Terphenyl-d14	81.9		10 - 105		82%	SPK: 100
INTERNAL STA	NDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	68700	6.863				
1146-65-2	Naphthalene-d8	23600	0 8.145				
15067-26-2	Acenaphthene-d10	10900	0 9.898				
1517-22-2	Phenanthrene-d10	19000	0 11.392				
1719-03-5	Chrysene-d12	16000	0 14.045				

15.539



Report of Analysis									
Client:	Tully Construction	on Co., Inc.		Date Collected:	12/05/24				
Project:	10th Street & 2nd	l Avenue		Date Received:	12/05/24				
Client Sample ID:	10TH-ST-SOILE	DL		SDG No.:	P5112				
Lab Sample ID:	P5112-01DL			Matrix:	SOIL				
Analytical Method:	SW8270			% Solid:	91.4				
Sample Wt/Vol:	30.04 Units	: g		Final Vol:	1000	uL			
Soil Aliquot Vol:		uL		Test:	SVOC-PAH				
Extraction Type :		Decan	nted : 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				
BF140803.D	5	12/06/24 08	8:55	12/10/24 13:39	PB165423				
CAS Number Para	meter	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



A B

D

6

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe			OrderDate: Project: Location:	12/5/2024 10:43 10th Street & 2i L51,VOA Ref. #	3:00 AM nd Avenue 2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL			12/05/24			12/05/24
P5112-010		SOTI	SVOC-PAH	8270E	12/05/24	12/06/24	12/06/24	12/05/24
		0011	SVOC-PAH	8270E	,,	12/06/24	12/10/24	



			Hit Su	mmary Sheet SW-846					
SDG No.:	P5112			Order ID:	P51	12			
Client:	Tully Construction	Co., Inc.		Project ID:	1	0th Street & 2	and Avenue		
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units	
Client ID :									

Total Concentration:0.000





A B C D



D

Client:	Tully Construction	on Co., Inc.			Date Collected:	12/05/24	
Project:	10th Street & 2nd	d Avenue			Date Received:	12/05/24	
Client Sample ID:	: 10TH-ST-SOIL				SDG No.:	P5112	
Lab Sample ID:	P5112-01				Matrix:	SOIL	
Analytical Metho	d [.] SW8082A				% Solid [.]	91.4 De	canted.
Sampla Wt/Val:	20.06 Units	·			Final Val:	10000	ч л
Sample wt/vol.	50.00 Units	. g			Fillal VOI.	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 Batc	h ID
PP068843 D	1	12/06	5/24 08·25		12/06/24 13:41	PB165421	
11000015.5	•	12/00	"2100.20		12/00/21 15.11	1010012	
CAS Number	Parameter	Conc.	Qualifie	er MDL		LOQ / CRQL	Units(Dry Weight
TARGETS							
12674-11-2	Aroclor-1016	0.0037	U	0.0037		0.019	mg/Kg
11104-28-2	Aroclor-1221	0.0070	U	0.0070		0.019	mg/Kg
11141-16-5	Aroclor-1232	0.0037	U	0.0037		0.019	mg/Kg
53469-21-9	Aroclor-1242	0.0037	U	0.0037		0.019	mg/Kg
12672-29-6	Aroclor-1248	0.0086	U	0.0086		0.019	mg/Kg
11097-69-1	Aroclor-1254	0.0030	U	0.0030		0.019	mg/Kg
37324-23-5	Aroclor-1262	0.0050	U	0.0050		0.019	mg/Kg
11100-14-4	Aroclor-1268	0.0037	U	0.0037		0.019	mg/Kg
11096-82-5	Aroclor-1260	0.0032	U	0.0032		0.019	mg/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.2		32 - 144		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175		99%	SPK: 20

Report of Analysis

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

33 of 54



A B C D

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe			OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. #	3:00 AM nd Avenue ¢2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL			12/05/24			12/05/24
			PCB	8082A		12/06/24	12/06/24	
			TPH GC	8015D		12/06/24	12/06/24	





В



В

Report of Analysis

Client:	Tully Construction	Co., Inc.			Date Collected:	12/05/24	
Project:	10th Street & 2nd A	venue			Date Received:	12/05/24	
Client Sample ID:	10TH-ST-SOIL				SDG No.:	P5112	
Lab Sample ID:	P5112-01				Matrix:	SOIL	
Analytical Method	8015D TPH				% Solid:	91.4 De	ecanted:
Sample Wt/Vol:	30.06 Units:	g			Final Vol:	1	mL
Soil Aliquot Vol:		uL			Test:	TPH GC	
Extraction Type:					Injection Volume :		
GPC Factor :		PH :					
Prep Method :	SW3541						
File ID/Qc Batch:	Dilution:	Prep	o Date]	Date Analyzed	Prep Bate	ch ID
FG014938.D	5	12/0	06/24 09:01		12/09/24 10:32	PB16542	24
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units(Dry Weight)
TARGETS PHC	Petroleum Hydrocarbons	92.7		1.74		15.5	mg/Kg
SURROGATES 16416-32-3	TETRACOSANE-d50	3.64		37 - 130		91%	SPK: 20

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

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С

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe	OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. #	3:00 AM nd Avenue ¢2 Soil				
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL			12/05/24			12/05/24
			PCB	8082A		12/06/24	12/06/24	
			TPH GC	8015D		12/06/24	12/09/24	



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

Hit Summary Sheet SW-846

SDG No.:	P5112			Order ID:		P5112		
Client:	Tully Construction Co., Inc.			Project ID	:	10th Street & 2nd Avenue		
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units
Client ID :	10TH-ST-SOIL							
P5112-01	10TH-ST-SOIL	SOIL	Aluminum	3380		2.33	4.84	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Arsenic	3.68		0.28	0.97	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Barium	69.2		0.62	4.84	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Beryllium	0.32		0.012	0.29	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Cadmium	0.52		0.015	0.29	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Calcium	5490		2.71	96.8	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Chromium	25.1		0.052	0.48	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Cobalt	3.89		0.056	1.45	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Copper	36.4		0.46	0.97	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Iron	8940		2.60	4.84	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Lead	228		0.14	0.58	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Magnesium	1540		3.32	96.8	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Manganese	244		0.069	0.97	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Mercury	0.39		0.0060	0.013	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Nickel	10.6		0.087	1.94	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Potassium	712		27.8	96.8	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Sodium	109		35.0	96.8	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Vanadium	13.9		0.26	1.94	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Zinc	104		0.11	1.94	mg/Kg

9

A B C

D





A B C D



Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/24
Project:	10th Street & 2nd Avenue	Date Received:	12/05/24
Client Sample ID:	10TH-ST-SOIL	SDG No.:	P5112
Lab Sample ID:	P5112-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry	Weigh P)rep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3380		1	2.33	4.84	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.42	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-38-2	Arsenic	3.68		1	0.28	0.97	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-39-3	Barium	69.2		1	0.62	4.84	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-41-7	Beryllium	0.32		1	0.012	0.29	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-43-9	Cadmium	0.52		1	0.015	0.29	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-70-2	Calcium	5490		1	2.71	96.8	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-47-3	Chromium	25.1	Ν	1	0.052	0.48	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-48-4	Cobalt	3.89		1	0.056	1.45	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-50-8	Copper	36.4	Ν	1	0.46	0.97	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7439-89-6	Iron	8940		1	2.60	4.84	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7439-92-1	Lead	228		1	0.14	0.58	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7439-95-4	Magnesium	1540		1	3.32	96.8	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7439-96-5	Manganese	244		1	0.069	0.97	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7439-97-6	Mercury	0.39		1	0.0060	0.013	mg/Kg	12/06/24 14:40	12/06/24 18:01	SW7471B	
7440-02-0	Nickel	10.6		1	0.087	1.94	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-09-7	Potassium	712		1	27.8	96.8	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.97	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-23-5	Sodium	109	Ν	1	35.0	96.8	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	1.94	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-62-2	Vanadium	13.9		1	0.26	1.94	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050
7440-66-6	Zinc	104		1	0.11	1.94	mg/Kg	12/06/24 09:40	12/09/24 14:57	SW6010	SW3050

Color Before:	Brown Clarity Before:		Тех	Medium				
Color After:	Yellow	Clarity After:	Art	tifacts:				
Comments:	METALS-TAL							
U = Not Detec	ted		J = Estimated Value					
LOQ = Limit	of Quantitation		B = Analyte Found in Associated Method Blank					
MDL = Method	od Detection Limit		* = indicates the duplicate analysis is not within control limits.					
LOD = Limit	of Detection		E = Indicates the reported value is estimated because of the presence					
D = Dilution			of interference.					
Q = indicates	LCS control criteria did not meet	requirements	OR = Over Range					
			N =Spiked sample recovery not within control limits					
P5112		40	of 54					

9

B C D



A B C D

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe	OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. #	3:00 AM nd Avenue ¢2 Soil				
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL			12/05/24			12/05/24
			Metals ICP-TAL	6010D		12/06/24	12/09/24	
			Mercury	7471B		12/06/24	12/06/24	
P5112-02	10TH-ST-SOIL	TCLP			12/05/24			12/05/24
			TCLP ICP Metals	6010D		12/06/24	12/09/24	
			TCLP Mercury	7470A		12/09/24	12/09/24	



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

Hit Summary Sheet SW-846

SDG No.:	P5112			Order ID:		P5112		
Client:	Tully Construction Co., Inc.			Project ID	:	10th Street & 2nd Avenue		
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units
Client ID :	10TH-ST-SOIL							
P5112-02	10TH-ST-SOIL	TCLP	Barium	1300		62.8	500	ug/L
P5112-02	10TH-ST-SOIL	TCLP	Cadmium	2.19	J	0.94	30.0	ug/L
P5112-02	10TH-ST-SOIL	TCLP	Lead	74.6		35.1	60.0	ug/L
P5112-02	10TH-ST-SOIL	TCLP	Mercury	1.11	J	0.81	2.00	ug/L

В

С









Report of Analysis

Cas	Parameter	Conc.	Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.	
Leve	el (low/med):	low				% Solid:	()		J
Lab	Sample ID:	P511	12-02			Matrix:]	CLP		
Clier	nt Sample ID:	10T	H-ST-SOIL			SDG No.:	I	25112		
Proje	ect:	10th	Street & 2nd Avenue			Date Received	d: 1	2/05/24		D
Clier	nt:	Tull	y Construction Co., Inc.			Date Collecte	d: 1	2/05/24		С

			x								Trep Mee.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7440-39-3	Barium	1300	Ν	1	62.8	500	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7440-43-9	Cadmium	2.19	J	1	0.94	30.0	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7439-92-1	Lead	74.6		1	35.1	60.0	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7439-97-6	Mercury	1.11	J	1	0.81	2.00	ug/L	12/09/24 08:55	12/09/24 12:35	SW7470A	1
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			
U = Not Detect LOQ = Limit o MDL = Method LOD = Limit o D = Dilution Q = indicates L	ed f Quantitation l Detection Limit f Detection CS control criteria did not meet re	equirements		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

P5112

10



A B C

D

LAB CHRONICLE

OrderID: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe			OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. #	3:00 AM nd Avenue ¢2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-01	10TH-ST-SOIL	SOIL			12/05/24			12/05/24
			Metals ICP-TAL	6010D		12/06/24	12/09/24	
			Mercury	7471B		12/06/24	12/06/24	
P5112-02	10TH-ST-SOIL	TCLP			12/05/24			12/05/24
			TCLP ICP Metals	6010D		12/06/24	12/09/24	
			TCLP Mercury	7470A		12/09/24	12/09/24	









Report of Analysis

Client:	Tull	Date Collected:	12/05/24 0	8:22					
Project:	10th	Street	Date Received:	12/05/24					
Client Sample ID:	10T	H-ST-S	SDG No.:	P5112					
Lab Sample ID:	P511	12-02]	Matrix:	SOIL	
							% Solid:	100	
Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.41	Н	1	0	0	pН		12/06/24 09:55	9045D
Ignitability	NO		1	0	0	oC		12/07/24 08:15	1030
Reactive Cyanide	0.0087	U	1	0.0087	0.050	mg/Kg	12/05/24 11:00	12/05/24 14:36	9012B
Reactive Sulfide	6.21	т	1	0.10	10.0	ma/V a	12/06/24 08.50	12/06/24 12:45	0024

Comments: pH result reported at temperature 20.1 °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: Client: Contact:	P5112 Tully Construction Co., Inc. Dean Devoe			OrderDate: Project: Location:	12/5/2024 10:4 10th Street & 2 L51,VOA Ref. #	3:00 AM nd Avenue ¢2 Soil		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5112-02	10TH-ST-SOIL	SOIL			12/05/24 08:22			12/05/24
			Corrosivity	9045D			12/06/24	
			Ignitability	1030			09:55 12/07/24 08:15	
			Reactive Sulfide	9034		12/06/24	12/06/24	
							12:45	
			Reactive Cyanide	9012B		12/05/24	12/05/24	
							14:36	



<u>SHIPPING</u> DOCUMENTS

12

CHAIN OF (284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 • Fax (908) 789-8922 www.chemtech.net									CHEMTECH PROJECT NO. QUOTE NO. COC Number 2040992										
	CLIEN	FINFORMATION	1	CLIENT PROJECT INFORMATION										CLIE	NT BILL	ING INF	ORMATION			
COMPANY:	TUIN	CONSTANCTO	<u>ل</u>	PROJECT NAME: COVEY Toland Taid Long Tolan Flood BILL TO:								TO:					PO#:			
ADDRESS:	10-04 St.	& Zid AVE		PROJECT NO.: LOCATION: ADDRESS:																
CITY BR	collyn	STATE: U	ZIP:	PROJE	СТ М	ANAC	BER:											STA	TE:	ZIP:
ATTENTION:	e-mail:									ATTE	NTION				PHO	DNE:				
PHONE: (917	PHONE: (917) 391-8200 FAX:							FA	X:								AN	ALYSIS	3	T. 7
	DATA TURNAROUND INFORMATION					DATA	DELIVE	RABLE IN	FORM	ATION			_		0		× (%	1.3	8-1-	
FAX (RUSH) DAYS* HARDCOPY (DATA PACKAGE): DAYS* EDD: DAYS* *TO BE APPROVED BY CHEMTECH STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS					el 1 (Re el 2 (Re el 3 (Re aw Da FORM	esults esults esults ta) //AT	Only) + QC) + QC -	Level 4 (QC NJ Reduce NYS ASP A Other	;+FullI d⊡U .⊡NY	Raw Data S EPA C 'S ASP E		530	A TOP	Estable Cooler	HOLE I	Alance -	Alt alt	-10		
CHEMTECH					SAN	IPLE	SAI	MPLE	LES	1			PRE	SERVA	TIVES				CI	OMMENTS
SAMPLE ID	PROJECT SAMPLE IDENTIFICATION				COMP	GRAB	DATE	TIME	# OF BOTT	<i>E</i>	E	E	E	E	E	7	8	Q	A-HCI B-HN03 C-H2SO4	D-NaOH E-ICE E-OTHER
1.	10-14	5t 50i)		5.	X		12/5	OBZZ	13	X	X	X	X	X	X	-			APU-	000
2.																				<u>v_v</u>
3. 🔭 🗠																				
4.																				
5.							-													
6.																				
7.																				
8.																				
9.																				
10.													-							
		SAMPLE CUSTOD	Y MUST BE DOCL	JMENTE	D BEL	_OW	EACH TI	ME SAMP	LES C	HANGE	POSS	ESSIO	N INCL	UDING	COUR	IER DE	LIVER	Y	1. 200	
RELINQUISHED	SAMPLER:	DATE/TIME:0855	RECEIVED BY:				Conditi	ons of bottles	or coole	rs at recei	ot: 🗆 C	OMPLIAN	IT Q NO	N COMPLI	ANT 🗅	COOLER T	EMP	3	.5~	°C
RELINQUISHED BY	Y SAMPLER:	DATE/TIME:	RECEIVED BY:	~	_															
2.			2.															_		
RELINQUISHEAB	SAMPLER:	DATE/TIME: 1020	RECEIVED BY:				1		1	CHENT	5 D	Hand D	elivered	<u>n n</u>	ther				Chiaman	t Complete
3. (f		12/5/24	3.				Page	of		CHEMT	ECH:		ked Up		eld Samp	oling		-	Shipmer Q YES	
pyright © 2023 P5112			WHITE - CHEMTEC	CH COPY FC	R RETU	URN TO	CLIENT	YELLOV	V - CHEN	ITECH CO	PY	50 ối	f 54 ^{PLE}	R COPY						

<mark>12</mark> 12.1

<mark>12</mark> 12.1



Sampler Signature:		Sample Matrices (circle all that apply): W Collection Depths: Temp (range): °C Sample Description: Buse of the second o	Environmental Laboratory
Supervisor Review/Date	Soll Byss Eutomacce	Ater Solid NAPL / Concrete / Wipe Dimensions/CY: Readings (range): 0.0 PPM Odor: Y / (N) Color: Y / (N) W Buguer Sort of Aston	Project Name: Covert Tsland Yard Chemtech Order ID: Lovs Trlan Flood Mithgation Zo24 Sampler Name: Coordinator & Nesilon Service Order #: Client Project Coordinator & Phone: Work Order #: Client Project Coordinator & Phone: Labor WBS #: Client Project Coordinator & Phone: Facility/Site: Defact Alf Site Address: IpM St- & Zud Alf Date: IZ-5-24 Date: D730 Depart Time: 0.955
10 ⁺ , 10	5	2 of 54	

<mark>12</mark> 12.1



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



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

LOGIN REPORT/SAMPLE TRANSFER

P5112-01		10TH-ST-	SOIL	Solid	12/05/2024	00:00 8:22	VOC-TCLVOA-10		8260D	5 Bus. Davs		DATES
LAB ID	CLIEN	TID		MATRIX	SAMPLE	SAMPLE	TEST	TEST GROUP	METHOD		FAX DATE	DUE
Invoic	ce Contact :	Dean Devo	e						Date Signoff :			
Invoice Name :		: Tully Construction Co., Inc.		Purchase Order :		10:20	H			1		
Clien	nt Contact :	: Dean Devoe		Receive DateTime :		12/5/2024 12:00:00 AM	EDD Type : Excel NY 375					
Cli	ient Name :	Tully Cons	struction Co., Inc.		Pro	ject Name :	10th Street & 2nd Avenue	;	Report Type : L	.evel 1		
	Order ID :	P5112	TULL02		C	Order Date :	12/5/2024 10:43:00 AM		Project Mgr :			

Relinguished By :

140 Date / Time : 12/5/24

Received By : 11:40 12 C Date / Time : 24

Storage Area : VOA Refridgerator Room

Page 1 of 1 54 of 54