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

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

Table Of Contents for P5112

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

Cover Page

Order ID : P5112

Project ID : 10th Street & 2nd Avenue

Client : Tully Construction Co., Inc.

Lab Sample Number	Client Sample Number
P5112-01	10TH-ST-SOIL
P5112-02	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.

Signature : _____

Date: 12/16/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 Continuous 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

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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_____

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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.

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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.

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.

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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 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
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.

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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:

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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

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

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:

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_____

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CASE NARRATIVE

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:

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

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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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.
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

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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)	✓
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 Castody	✓
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:** 12/16/2024

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Hit Summary Sheet
SW-846

SDG No.: P5112

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**10TH-ST-SOIL**								
P5112-01	10TH-ST-SOIL	SOIL	Naphthalene, decahydro-2,3-di	*	5.00	J	0	0	ug/Kg
P5112-01	10TH-ST-SOIL	SOIL	Naphthalene, decahydro-2,6-di	*	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				

SAMPLE DATA

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

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 ID
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

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

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 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 STANDARDS						
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 IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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 ID
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
1000155-85-6	cis-Decalin, 2-syn-methyl-	6.10	J		14.7	ug/Kg
001008-80-6	Naphthalene, decahydro-2,3-dimethy	5.00	J		14.8	ug/Kg
001618-22-0	Naphthalene, decahydro-2,6-dimethy	4.50	J		14.9	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

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LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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**
			VOC-TCLVOA-10	8260D			12/06/24	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P5112

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	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	E	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	E	0.089	0.19	mg/Kg
P5112-01	10TH-ST-SOIL	SOIL	Pyrene	3.400	E	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 :	**28.62**				
			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 :	**27.86**				
			Total Concentration:	**27.86**				

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF140779.D	1	12/06/24 08:55	12/06/24 20:44	PB165423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.16	J	0.090	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	J	0.095	0.19	mg/Kg
83-32-9	Acenaphthene	0.41		0.089	0.19	mg/Kg
86-73-7	Fluorene	0.40		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	E	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 STANDARDS						
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	113000	15.557			

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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:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF140779.D	1	12/06/24 08:55	12/06/24 20:44	PB165423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Fax : 908 789 8922

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-SOILDL	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 :	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
BF140803.D	5	12/06/24 08:55	12/10/24 13:39	PB165423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.45	UD	0.45	0.93	mg/Kg
208-96-8	Acenaphthylene	0.47	UD	0.47	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 STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	68700	6.863			
1146-65-2	Naphthalene-d8	236000	8.145			
15067-26-2	Acenaphthene-d10	109000	9.898			
1517-22-2	Phenanthrene-d10	190000	11.392			
1719-03-5	Chrysene-d12	160000	14.045			
1520-96-3	Perylene-d12	109000	15.539			

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Fax : 908 789 8922

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-SOILDL	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 :	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
BF140803.D	5	12/06/24 08:55	12/10/24 13:39	PB165423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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**
			SVOC-PAH	8270E		12/06/24	12/06/24	
P5112-01DL	**10TH-ST-SOILDL**	**SOIL**			**12/05/24**			**12/05/24**
			SVOC-PAH	8270E		12/06/24	12/10/24	

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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	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	SW8082A	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068843.D	1	12/06/24 08:25	12/06/24 13:41	PB165421

CAS Number	Parameter	Conc.	Qualifier	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

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

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

LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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	

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8015D TPH	% Solid:	91.4 Decanted:
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 Date	Date Analyzed	Prep Batch ID
FG014938.D	5	12/06/24 09:01	12/09/24 10:32	PB165424

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
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

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

LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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	

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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	C	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

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

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 Weight)	Prep 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	N	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	N	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	N	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:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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	

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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	C	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

SAMPLE DATA

Alliance TECHNICAL GROUP
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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:	P5112-02	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	12/06/24 11:10	12/09/24 14:10	SW6010	SW3050
7440-39-3	Barium	1300	N	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	
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 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

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LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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	

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/24 08:22
Project:	10th Street & 2nd Avenue	Date Received:	12/05/24
Client Sample ID:	10TH-ST-SOIL	SDG No.:	P5112
Lab Sample ID:	P5112-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.41	H	1	0	0	pH		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	6.31	J	1	0.19	10.0	mg/Kg	12/06/24 08:50	12/06/24 12:45	9034

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

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LAB CHRONICLE

OrderID:	P5112	**OrderDate:**	12/5/2024 10:43:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	10th Street & 2nd Avenue
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #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 09:55	
			Ignitability	1030			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	

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. P5112
COC Number 2040992

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Tully Construction
ADDRESS: 10th St. & 2nd Ave
CITY Brooklyn STATE: NY ZIP:
ATTENTION: Franco / Dean Denoe
PHONE: (917) 391-8200 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Coney Island Yard Long Term Flood Mitigation 2024
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1 VOCs 2 SVOC, PCB 3 TCLP Extraction 4 Corrosivity, Ignitability 5 Reac. Cyan. / Reac. Sulf. 6 Mercury, Met. TCL 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	10th St. - Soil	S.	X		12/5	0822	13	X	X	X	X	X	X				APH-0-0
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

E E E E E E

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/5/24 0855	1.
2.		2.
3.	12/5/24 1020	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5°C °C
Comments:

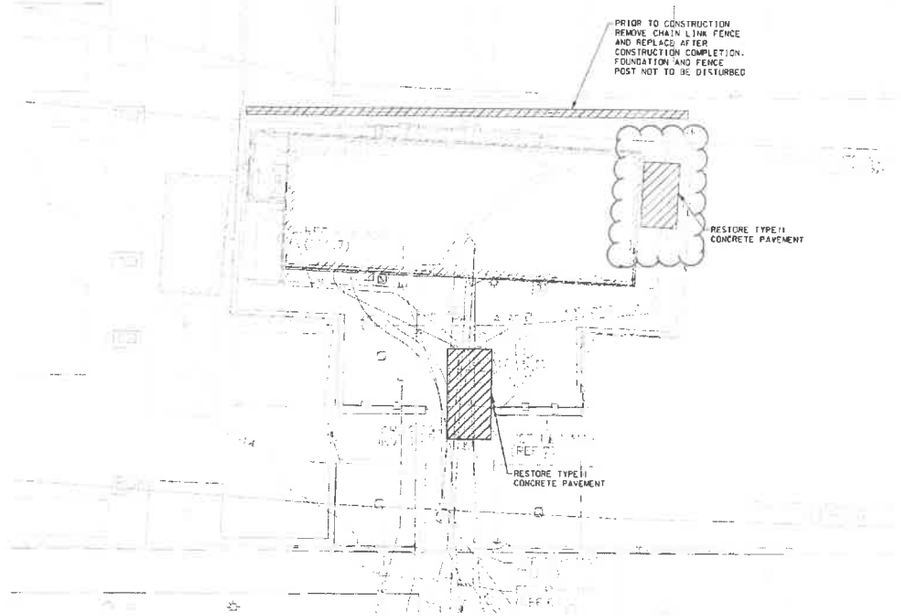
Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

24



SITE PAVEMENT PLAN
SCALE: 1"=1'-0"

REVISION	DESCRIPTION	DATE	APPROVED

REVISIONS

MTA CONSTRUCTION & DEVELOPMENT

CONTRACT P-36343
FLOOD MITIGATION AT TWENTY-SIX (26) SUBSTATIONS
IN THE BOROUGH OF BROOKLYN, MANHATTAN AND QUEENS

10TH STREET SUBSTATION
SITE PAVEMENT PLAN

DRAWN BY	B. HOSAMATH		DATE: 12/08/2023
DESIGNED BY	L. KARDOS, PE	Leyla Kardos	DISCIPLINE: CIVIL
CHECKED BY	M. NAYAMATULLAH, PE	Manjura Nayamatullah	P36343-10T-CG-101
APPROVED BY	S. KHONDKER, PE	Sufian Khondker	REVISION

$DESIGNSFILE$EXPANDED$SPECS

PRINT AS OF $DATE$OF$PLOTTING$ USER$NAME

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Coney Island Yard Long Term Flood Mitigation 2024
Service Order #: —
Work Order #: —
Labor WBS #: —
Facility/Site: —
Site Address: 10th St. & 2nd Ave Brooklyn NY

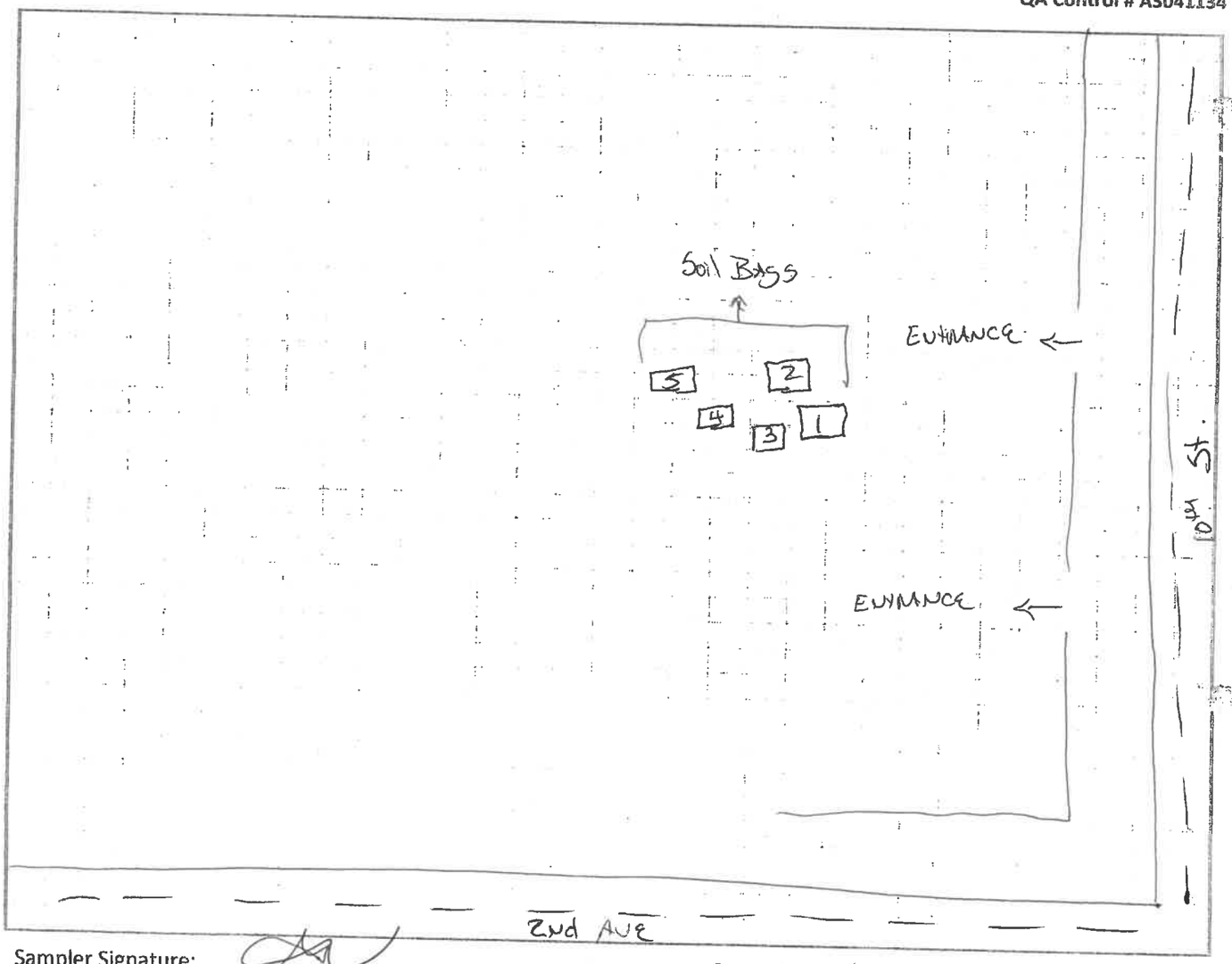
Chemtech Order ID: _____
Sampler Name: George Negron
Client Project Coordinator & Phone: Dean Devoe (917) 391-8200
Page #: 1 of 1
Date: 12-5-24
Arrive Time: 0730
Depart Time: 0855

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: _____ **Dimensions/CY**: _____
Temp (range): _____ °C **PID Readings (range)**: 0-0 PPM **Odor**: Y / (N) **Color**: Y / (N)
Sample Description: Brown, Dark Brown Soil
Field Observations: (5) Total Soil Bags inside station

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: _____
Client Signature: _____
Supervisor Review/Date: _____
Date/Time Arrived at Lab: _____

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5112 TULL02
Client Name : Tully Construction Co., Inc.
Client Contact : Dean Devoe
Invoice Name : Tully Construction Co., Inc.
Invoice Contact : Dean Devoe

Order Date : 12/5/2024 10:43:00 AM
Project Name : 10th Street & 2nd Avenue
Receive DateTime : 12/5/2024 ~~12:00:00 AM~~ 10:20
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NY 375
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5112-01	10TH-ST-SOIL	Solid	12/05/2024	00:00 8:22	VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinguished By :
Date / Time : 12/5/24 1140

Received By :
Date / Time : 12/5/24 11:40
Storage Area : VOA Refridgerator Room