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 : MTA ROCKAWAY PARK

TULLY CONSTRUCTION CO., INC.

127-50 Northern Boulevard

Flushing, NY - 11368-1520

Phone No: 718-446-7000

ORDER ID : P5279

ATTENTION : Dean Devoe

Laboratory Certification ID # 20012

Table Of Contents for P5279

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Cover Page

Order ID : P5279

Project ID : MTA Rockaway Park

Client : Tully Construction Co., Inc.

Lab Sample Number	Client Sample Number
P5279-01	ROCKAWAY-PARK
P5279-02	ROCKAWAY-PARK
P5279-03	ROCKAWAY-PARK

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: 12/24/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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 for {VY1220SBSD01} with File ID: VY020667.D met criteria except for 1,1-Dichloroethane[42%], 1,2-Dibromo-3-Chloropropane[49%], Carbon disulfide[22%], Methyl Acetate[25%], Methyl tert-butyl Ether[33%], Methylene Chloride[28%], t-1,3-Dichloropropene[40%] and trans-1,2-Dichloroethene[40%] due to difference in results of BS and BSD.

The Blank Spike for {VY1220SBS01} with File ID: VY020666.D met requirements for all samples except for 1,1,2-Trichlorotrifluoroethane[80%],Chloroethane[68%] failing marginally low while 1,2-Dibromo-3-Chloropropane[175%] and t-1,3-Dichloropropene[162%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VY1220SBSD01} with File ID: VY020667.D met requirements for all samples except for 1,1,2-Trichlorotrifluoroethane[71%], 1,1-Dichloroethane[70%], 1,1-Dichloroethene[70%], Acetone[56%],

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Bromochloromethane[79%], Methyl Acetate[59%], Methyl tert-butyl Ether[72%] and trans-1,2-Dichloroethene[72%] are failing low therefore as corrective action lab reanalyzed sample but did not purge therefore lab reported sample under failing blank spike duplicate, Also associate CCAL is passing for all analyte.

The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% in the Initial Calibration method (82Y121724S.M) for Acetone, Chloroform these compounds are passing on Linear Regression.

The Continuous Calibration File ID VY020664.D met the requirements except for Bromomethane failing marginally low therefore no corrective action taken.

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.

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CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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 dfThe 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.
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 for {P5277-01MSD} with File ID: BF140910.D met criteria except for Benzo(k)fluoranthene[22%] due to difference in results of MS and MSD.

The Blank Spike for {PB165648BS} with File ID: BF140898.D met requirements for all samples except for Indeno(1,2,3-cd)pyrene[112%] failing biased high, therefore no corrective action taken.

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.

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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.

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

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

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CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: PCB

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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_O. 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.

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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: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: TPH GC

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.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 {P5279-01MS} with File ID: FE051704.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[28%] Due to matrix interference.

The MSD {P5279-01MSD} with File ID: FE051705.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[30%] 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 ROCKAWAY-PARK was diluted due to bad matrix.

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.

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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: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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 (ROCKAWAY-PARKMS) analysis met criteria for all samples except for Antimony due to chemical interference during digestion process.
The Matrix Spike Duplicate (ROCKAWAY-PARKMSD) analysis met criteria for all samples except for Antimony 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.

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CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: TCLP Mercury,TCLP ICP Metals

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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 (ROCKAWAY-PARKMS) analysis met criteria for all samples except for Mercury due to matrix interference. The Matrix Spike (WC-20241213MS) analysis met criteria for all samples except for Silver due to chemical interference during digestion Process.

The Matrix Spike Duplicate (ROCKAWAY-PARKMSD) analysis met criteria for all samples except for Mercury due to matrix interference. The Matrix Spike Duplicate (WC-20241213MSD) analysis met criteria for all samples except for Silver 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.

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CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: MTA Rockaway Park
Project # N/A
Chemtech Project # P5279
Test Name: Corrosivity,Ignitability,Reactive Cyanide,Reactive Sulfide

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 12/13/2024.

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 ROCKAWAY-PARK 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.

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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 #: P5279

	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:** 12/24/2024

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Hit Summary Sheet
SW-846

SDG No.: P5279

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**ROCKAWAY-PARK**							
P5279-03	ROCKAWAY-PARI	SOIL	Methylene Chloride	0.0050	J	0.0037	0.011	mg/Kg
			Total Voc :	0.0050				
P5279-03	ROCKAWAY-PARI	SOIL	4-(2-Acetylamino-1-(trimethyls *	10.2	J	0	0	ug/Kg
			Total Tics :	10.2				
			Total Concentration:	10.2				

SAMPLE DATA

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94
Sample Wt/Vol:	4.91 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
VY020668.D	1		12/20/24 14:10	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0018	U	0.0018	0.0054	mg/Kg
74-87-3	Chloromethane	0.0013	U	0.0013	0.0054	mg/Kg
75-01-4	Vinyl Chloride	0.00083	U	0.00083	0.0054	mg/Kg
74-83-9	Bromomethane	0.0011	U	0.0011	0.0054	mg/Kg
75-00-3	Chloroethane	0.0011	UQ	0.0011	0.0054	mg/Kg
75-69-4	Trichlorofluoromethane	0.00099	U	0.00099	0.0054	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0012	UQ	0.0012	0.0054	mg/Kg
75-35-4	1,1-Dichloroethene	0.00084	UQ	0.00084	0.0054	mg/Kg
67-64-1	Acetone	0.0068	UQ	0.0068	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0014	U	0.0014	0.0054	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.00073	UQ	0.00073	0.0054	mg/Kg
79-20-9	Methyl Acetate	0.0019	UQ	0.0019	0.0054	mg/Kg
75-09-2	Methylene Chloride	0.0050	J	0.0037	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.00091	UQ	0.00091	0.0054	mg/Kg
75-34-3	1,1-Dichloroethane	0.00068	UQ	0.00068	0.0054	mg/Kg
110-82-7	Cyclohexane	0.00075	U	0.00075	0.0054	mg/Kg
78-93-3	2-Butanone	0.0062	U	0.0062	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.00094	U	0.00094	0.0054	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.00066	U	0.00066	0.0054	mg/Kg
74-97-5	Bromochloromethane	0.0026	UQ	0.0026	0.0054	mg/Kg
67-66-3	Chloroform	0.00073	U	0.00073	0.0054	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.00084	U	0.00084	0.0054	mg/Kg
108-87-2	Methylcyclohexane	0.00094	U	0.00094	0.0054	mg/Kg
71-43-2	Benzene	0.00078	U	0.00078	0.0054	mg/Kg
107-06-2	1,2-Dichloroethane	0.00066	U	0.00066	0.0054	mg/Kg
79-01-6	Trichloroethene	0.00081	U	0.00081	0.0054	mg/Kg
78-87-5	1,2-Dichloropropane	0.00071	U	0.00071	0.0054	mg/Kg
75-27-4	Bromodichloromethane	0.00061	U	0.00061	0.0054	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.0047	U	0.0047	0.027	mg/Kg
108-88-3	Toluene	0.00073	U	0.00073	0.0054	mg/Kg

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94
Sample Wt/Vol:	4.91 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
VY020668.D	1		12/20/24 14:10	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.00065	UQ	0.00065	0.0054	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.00062	U	0.00062	0.0054	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.00091	U	0.00091	0.0054	mg/Kg
591-78-6	2-Hexanone	0.0052	U	0.0052	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.00070	U	0.00070	0.0054	mg/Kg
106-93-4	1,2-Dibromoethane	0.00086	U	0.00086	0.0054	mg/Kg
127-18-4	Tetrachloroethene	0.00096	U	0.00096	0.0054	mg/Kg
108-90-7	Chlorobenzene	0.00080	U	0.00080	0.0054	mg/Kg
100-41-4	Ethyl Benzene	0.00067	U	0.00067	0.0054	mg/Kg
179601-23-1	m/p-Xylenes	0.0015	U	0.0015	0.011	mg/Kg
95-47-6	o-Xylene	0.00076	U	0.00076	0.0054	mg/Kg
100-42-5	Styrene	0.00065	U	0.00065	0.0054	mg/Kg
75-25-2	Bromoform	0.00088	U	0.00088	0.0054	mg/Kg
98-82-8	Isopropylbenzene	0.00073	U	0.00073	0.0054	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.0054	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.00080	U	0.00080	0.0054	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.00087	U	0.00087	0.0054	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.00064	U	0.00064	0.0054	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0017	UQ	0.0017	0.0054	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.0054	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.0054	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		50 - 163	100%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		54 - 147	89%	SPK: 50
2037-26-5	Toluene-d8	48.7		58 - 134	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	32.3		29 - 146	65%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.707			
540-36-3	1,4-Difluorobenzene	313000	8.616			
3114-55-4	Chlorobenzene-d5	250000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	79000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94
Sample Wt/Vol:	4.91 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
VY020668.D	1		12/20/24 14:10	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1000373-43-5	4-(2-Acetylamino-1-(trimethylsilyl	10.2	J		13.9	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:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-03	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			VOC-TCLVOA-10	8260D			12/20/24	

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Hit Summary Sheet
SW-846

SDG No.: P5279

Client: Tully Construction Co., Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**ROCKAWAY-PARK**							
P5279-01	ROCKAWAY-PARK	SOIL	Naphthalene	0.120	J	0.088	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Acenaphthylene	0.220		0.092	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Acenaphthene	0.130	J	0.087	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Phenanthrene	0.750		0.090	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Anthracene	0.160	J	0.090	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Fluoranthene	1.000		0.087	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Pyrene	1.000		0.089	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Benzo(a)anthracene	0.700		0.086	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Chrysene	0.550		0.085	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Benzo(b)fluoranthene	0.680		0.087	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Benzo(k)fluoranthene	0.310		0.088	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Benzo(a)pyrene	0.640		0.099	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Indeno(1,2,3-cd)pyrene	0.340	Q	0.083	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Dibenzo(a,h)anthracene	0.110	J	0.087	0.18	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Benzo(g,h,i)perylene	0.380		0.086	0.18	mg/Kg
			Total Svoc :	**7.09**				
			Total Concentration:	**7.09**				

SAMPLE DATA

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.6
Sample Wt/Vol:	30.01 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
BF140890.D	1	12/16/24 09:20	12/17/24 17:22	PB165648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.12	J	0.088	0.18	mg/Kg
208-96-8	Acenaphthylene	0.22		0.092	0.18	mg/Kg
83-32-9	Acenaphthene	0.13	J	0.087	0.18	mg/Kg
86-73-7	Fluorene	0.091	U	0.091	0.18	mg/Kg
85-01-8	Phenanthrene	0.75		0.090	0.18	mg/Kg
120-12-7	Anthracene	0.16	J	0.090	0.18	mg/Kg
206-44-0	Fluoranthene	1.00		0.087	0.18	mg/Kg
129-00-0	Pyrene	1.00		0.089	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.70		0.086	0.18	mg/Kg
218-01-9	Chrysene	0.55		0.085	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.68		0.087	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.31		0.088	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.64		0.099	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.34	Q	0.083	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.11	J	0.087	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.38		0.086	0.18	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	48.4		18 - 107	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.4		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	40.6		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57400	6.851			
1146-65-2	Naphthalene-d8	220000	8.128			
15067-26-2	Acenaphthene-d10	114000	9.881			
1517-22-2	Phenanthrene-d10	201000	11.369			
1719-03-5	Chrysene-d12	178000	14.022			
1520-96-3	Perylene-d12	186000	15.516			

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Report of Analysis

Client:	Tully Construction Co., Inc.			Date Collected:	12/13/24
Project:	MTA Rockaway Park			Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK			SDG No.:	P5279
Lab Sample ID:	P5279-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	93.6
Sample Wt/Vol:	30.01	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
BF140890.D	1	12/16/24 09:20	12/17/24 17:22	PB165648

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:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-01	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			SVOC-PAH	8270E		12/16/24	12/17/24	

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Hit Summary Sheet
SW-846

SDG No.: P5279 **Order ID:** P5279

Client: Tully Construction Co., Inc. **Project ID:** MTA Rockaway Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.6 Decanted:
Sample Wt/Vol:	30.03 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
PO108553.D	1	12/16/24 08:50	12/16/24 15:36	PB165646

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.0036	U	0.0036	0.018	mg/Kg
11104-28-2	Aroclor-1221	0.0068	U	0.0068	0.018	mg/Kg
11141-16-5	Aroclor-1232	0.0036	U	0.0036	0.018	mg/Kg
53469-21-9	Aroclor-1242	0.0036	U	0.0036	0.018	mg/Kg
12672-29-6	Aroclor-1248	0.0084	U	0.0084	0.018	mg/Kg
11097-69-1	Aroclor-1254	0.0029	U	0.0029	0.018	mg/Kg
37324-23-5	Aroclor-1262	0.0049	U	0.0049	0.018	mg/Kg
11100-14-4	Aroclor-1268	0.0037	U	0.0037	0.018	mg/Kg
11096-82-5	Aroclor-1260	0.0031	U	0.0031	0.018	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	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

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LAB CHRONICLE

OrderID:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-01	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			PCB	8082A		12/16/24	12/16/24	

SAMPLE DATA

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	93.6 Decanted:
Sample Wt/Vol:	30.04 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
FE051706.D	5	12/18/24 13:30	12/19/24 11:00	PB165731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	72.2		1.70	15.1	mg/Kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	3.15		37 - 130	79%	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

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LAB CHRONICLE

OrderID:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-01	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			PCB	8082A		12/16/24	12/16/24	
			TPH GC	8015D		12/18/24	12/19/24	

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Hit Summary Sheet
SW-846

SDG No.: P5279 **Order ID:** P5279

Client: Tully Construction Co., Inc. **Project ID:** MTA Rockaway Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ROCKAWAY-PARK								
P5279-01	ROCKAWAY-PARK	SOIL	Aluminum	599		2.27	4.71	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Antimony	0.34	J	0.14	2.35	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Arsenic	3.91		0.27	0.94	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Barium	17.5		0.60	4.71	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Beryllium	0.23	J	0.011	0.28	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Cadmium	0.62		0.015	0.28	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Calcium	2930		2.64	94.1	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Chromium	4.49		0.051	0.47	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Cobalt	1.45		0.055	1.41	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Copper	23.1		0.44	0.94	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Iron	5990		2.53	4.71	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Lead	72.8		0.14	0.56	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Magnesium	595		3.23	94.1	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Manganese	31.7		0.067	0.94	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Mercury	0.095		0.0060	0.013	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Nickel	4.58		0.085	1.88	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Potassium	118		27.0	94.1	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Sodium	34.8	J	34.0	94.1	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Vanadium	5.72		0.25	1.88	mg/Kg
P5279-01	ROCKAWAY-PARK	SOIL	Zinc	128		0.10	1.88	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	599		1	2.27	4.71	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-36-0	Antimony	0.34	JN	1	0.14	2.35	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-38-2	Arsenic	3.91		1	0.27	0.94	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-39-3	Barium	17.5		1	0.60	4.71	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-41-7	Beryllium	0.23	J	1	0.011	0.28	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-43-9	Cadmium	0.62		1	0.015	0.28	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-70-2	Calcium	2930		1	2.64	94.1	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-47-3	Chromium	4.49		1	0.051	0.47	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-48-4	Cobalt	1.45		1	0.055	1.41	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-50-8	Copper	23.1		1	0.44	0.94	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7439-89-6	Iron	5990		1	2.53	4.71	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7439-92-1	Lead	72.8		1	0.14	0.56	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7439-95-4	Magnesium	595		1	3.23	94.1	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7439-96-5	Manganese	31.7		1	0.067	0.94	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7439-97-6	Mercury	0.095		1	0.0060	0.013	mg/Kg	12/16/24 09:00	12/16/24 14:38	SW7471B	
7440-02-0	Nickel	4.58		1	0.085	1.88	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-09-7	Potassium	118		1	27.0	94.1	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.94	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-22-4	Silver	0.049	U	1	0.049	0.47	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-23-5	Sodium	34.8	J	1	34.0	94.1	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.88	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-62-2	Vanadium	5.72		1	0.25	1.88	mg/Kg	12/13/24 13:30	12/16/24 19:28	SW6010	SW3050
7440-66-6	Zinc	128		1	0.10	1.88	mg/Kg	12/13/24 13:30	12/16/24 19:28	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

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

LAB CHRONICLE

OrderID:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-01	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			Mercury	7471B		12/16/24	12/16/24	
			Metals ICP-TAL	6010D		12/13/24	12/16/24	
P5279-02	**ROCKAWAY-PARK**	**TCLP**			**12/13/24**			**12/13/24**
			TCLP ICP Metals	6010D		12/18/24	12/20/24	
			TCLP Mercury	7470A		12/19/24	12/19/24	

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

Hit Summary Sheet
SW-846

SDG No.: P5279 **Order ID:** P5279

Client: Tully Construction Co., Inc. **Project ID:** MTA Rockaway Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ROCKAWAY-PARK								
P5279-02	ROCKAWAY-PARK	TCLP	Barium	629		62.8	500	ug/L
P5279-02	ROCKAWAY-PARK	TCLP	Cadmium	1.07	J	0.94	30.0	ug/L
P5279-02	ROCKAWAY-PARK	TCLP	Chromium	8.27	J	6.60	50.0	ug/L
P5279-02	ROCKAWAY-PARK	TCLP	Lead	37.6	J	35.1	60.0	ug/L

SAMPLE DATA

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:	12/13/24
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-02	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	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7440-39-3	Barium	629		1	62.8	500	ug/L	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7440-43-9	Cadmium	1.07	J	1	0.94	30.0	ug/L	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7440-47-3	Chromium	8.27	J	1	6.60	50.0	ug/L	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7439-92-1	Lead	37.6	J	1	35.1	60.0	ug/L	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	12/19/24 07:58	12/19/24 12:41	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	12/18/24 12:00	12/20/24 17:16	SW6010	SW3050
7440-22-4	Silver	5.80	UN	1	5.80	50.0	ug/L	12/18/24 12:00	12/20/24 17:16	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

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

LAB CHRONICLE

OrderID:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-01	**ROCKAWAY-PARK**	**SOIL**			**12/13/24**			**12/13/24**
			Mercury	7471B		12/16/24	12/16/24	
			Metals ICP-TAL	6010D		12/13/24	12/16/24	
P5279-02	**ROCKAWAY-PARK**	**TCLP**			**12/13/24**			**12/13/24**
			TCLP ICP Metals	6010D		12/18/24	12/20/24	
			TCLP Mercury	7470A		12/19/24	12/19/24	

SAMPLE DATA

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:	12/13/24 08:20
Project:	MTA Rockaway Park	Date Received:	12/13/24
Client Sample ID:	ROCKAWAY-PARK	SDG No.:	P5279
Lab Sample ID:	P5279-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.90	H	1	0	0	pH		12/18/24 08:40	9045D
Ignitability	NO		1	0	0	oC		12/19/24 13:10	1030
Reactive Cyanide	0.0087	U	1	0.0087	0.050	mg/Kg	12/19/24 09:00	12/19/24 12:10	9012B
Reactive Sulfide	4.74	J	1	0.19	10.0	mg/Kg	12/17/24 09:00	12/17/24 11:13	9034

Comments: pH result reported at temperature 20.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

LAB CHRONICLE

OrderID:	P5279	**OrderDate:**	12/13/2024 12:03:00 PM
Client:	Tully Construction Co., Inc.	**Project:**	MTA Rockaway Park
Contact:	Dean Devoe	**Location:**	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5279-02	**ROCKAWAY-PARK**	**SOIL**			**12/13/24 08:20**			**12/13/24**
			Corrosivity	9045D			12/18/24 08:40	
			Ignitability	1030			12/19/24 13:10	
			Reactive Cyanide	9012B		12/19/24	12/19/24 12:10	
			Reactive Sulfide	9034		12/17/24	12/17/24 11:13	

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. P5279
COC Number 2041523

12
12.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Tully Construction Co
ADDRESS: 112-01 Beach Channel
CITY Rockaway STATE: N.Y ZIP:
ATTENTION: Dean DeVoe
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same 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 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1 SVOC-PAH 2 TCLP Extraction 3 Corrosivity 4 PCB 5 Mercury 6 TPH 7 VOC-TCL VOA-10 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.	Rockaway Park 1	SOL	X		12-13-24	0820	9	X	X	X	X	X	X				PID=0.0
2.	1	1		X	1	0822	4							X			PID=0.0
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12-13-2024 0900	1.
2.		2.
3.	12-13-2024 12:00	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT X COOLER TEMP 2.9°C °C
Comments: PID Meter Calibrated 12.13.2024
Equal volume of 10:1 used 5:1 composite

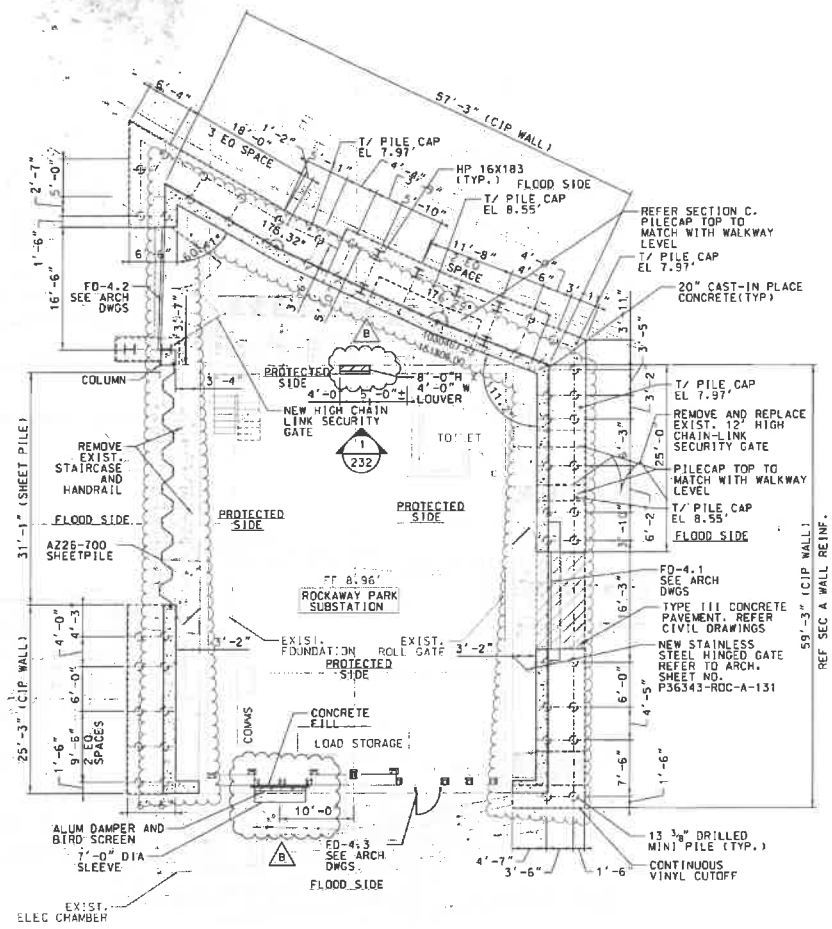
Page 1 of 1

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

Rockaway Park



NOTE:

1. REFER TO P36343-A-G-701 FOR FLOOD DEVICE OPENING SCHEDULE.

FLOOD WALL LAYOUT PLAN (1 / 131 131)

SCALE: 1/8"=1'-0"

IT IS A VIOLATION OF THE PROFESSIONAL LICENSE LAW FOR ANY PERSON TO ALTER THIS DRAWING IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER / REGISTERED ARCHITECT. THE ALTERING ENGINEER/ARCHITECT SHALL AFFIX TO THE DRAWING HIS/HER SEAL/S. THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISION	DESCRIPTION	DATE	APPROVED
B	ADDED NEW LOUVER	11/06/2024	CJ
A	REVISED PILE AND INTERNAL HARDENING LAYOUT	09/26/2024	CJ

REVISIONS

MTA CONSTRUCTION & DEVELOPMENT

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

ROCKAWAY PARK SUBSTATION
FLOOD WALL PLAN

STATE OF NEW YORK — PROFESSIONAL ENGINEER — 11-06-2024

DRAWN BY	R. NUTHAN	DATE:	11/06/2024
DESIGNED BY	K.UDAY	DISCIPLINE:	STRUCTURE
CHECKED BY	DINAKAR KN	DRAWING NO.	P36343-ROC-CS-131
APPROVED BY	C.JEDRICH, PE	REVISION	

$DESIGN$FILE$EXPANDED$SPEC$ PRINT AS OF $DATE$OF$PLOTTING$ USER$NAME

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

Project Name: Rockaway Park Queens
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 112-01 beach Channel, Rockaway Queen, N.Y

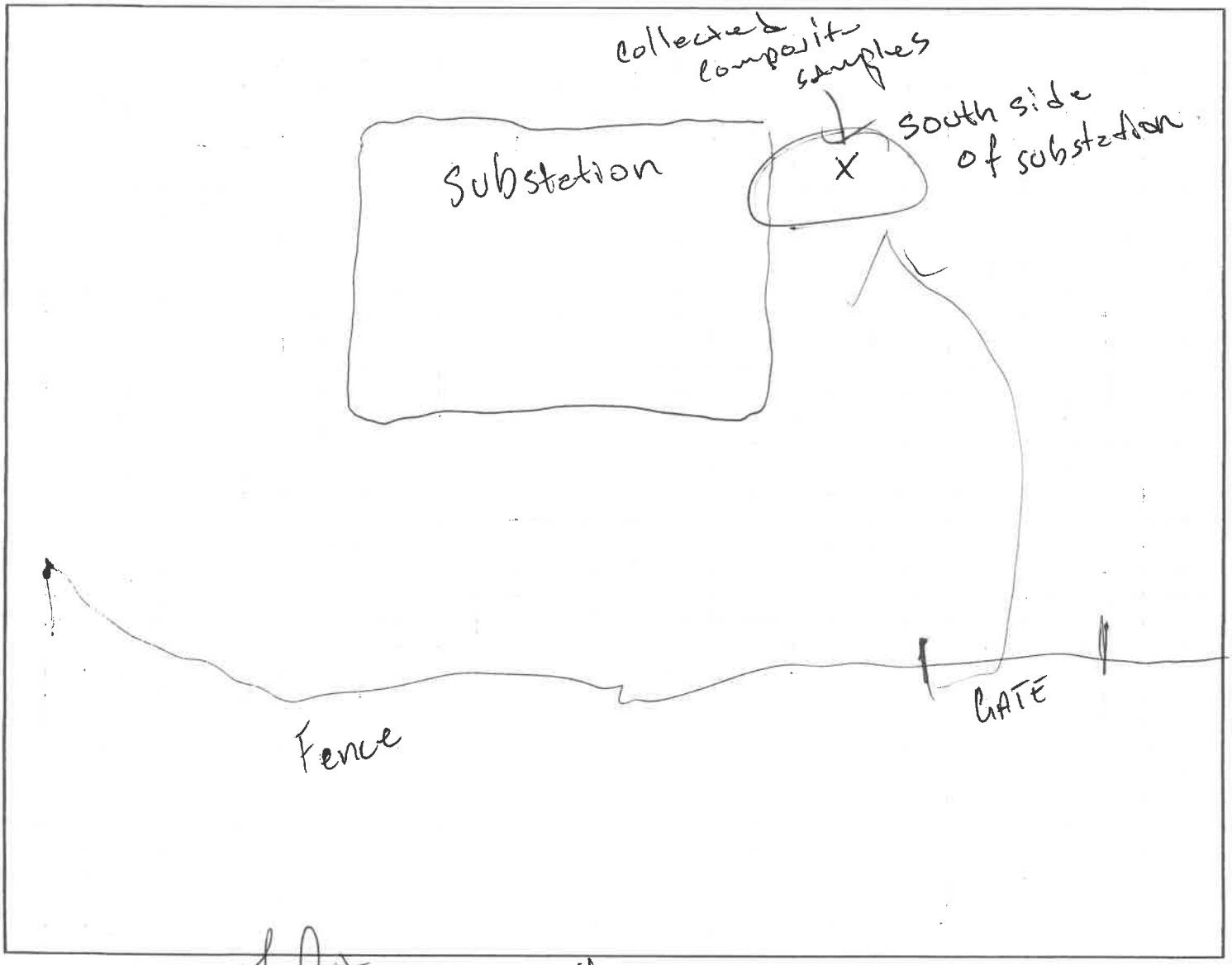
Chemtech Order ID:
Sampler Name: Lawrence Czita
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 12.13.2024
Arrive Time: 0730
Depart Time: 0900

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank / soil cover
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: Dark GRAY soil.
Field Observations: Sampled, Rockaway Park.

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: 12.13.2024
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 :	P5279 TULL02	**Order Date :**	12/13/2024 12:03:00 PM	**Project Mgr :**	
Client Name :	Tully Construction Co., Inc.	**Project Name :**	Rockaway Park	**Report Type :**	Level 1
Client Contact :	Dean Devoe	**Receive DateTime :**	12/13/2024 12:00:00 AM	**EDD Type :**	Excel NY 375
Invoice Name :	Tully Construction Co., Inc.	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Dean Devoe			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5279-03	ROCKAWAY-PARK	Solid	12/13/2024	08:22					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By : _____
Date / Time : 12-13-2024 12:18

Received By : _____
Date / Time : 12-13-24 12:18

Storage Area : **VOA Refridgerator Room**