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

DATA PACKAGE

VOLATILE ORGANICS
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : TRENTON YOUTH WRESTLING

JPCL ENGINEERING

41-14 29th Street

Long Island City, NY - 11101

Phone No: 917-985-0770

ORDER ID : P4768

ATTENTION : Paul Rotondi

Laboratory Certification ID # 20012

Table Of Contents for P4768

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

Cover Page

Order ID : P4768

Project ID : Trenton Youth Wrestling

Client : JPCL Engineering

Lab Sample Number	Client Sample Number
P4768-01	B-3-1
P4768-02	B-3-2
P4768-03	B-3-3
P4768-04	B-4
P4768-05	B-5
P4768-06	B-6-2
P4768-07	B-6-3

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. 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 : N. N. Pandya

APPROVED
Date: 11/22/2024
By Nimisha Pandya, QA/QC Supervisor at 8:33 am, Nov 22, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

JPCL Engineering
Project Name: Trenton Youth Wrestling
Project # N/A
Chemtech Project # P4768
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/07/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOC-TCL BNA -20 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, which is 30 meters, 0.25 mm id, 1.4 um df, Restek Cat. #13868. The Trap was supplied by Supelco, VOCARB 3000, ATOMAX XYZ Concentrator.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 {VY1111SBSD01} with File ID: VY020242.D met criteria except for Acetone[21%] due to difference in BS and BSD concentrations.
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
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

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

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 N. N. Pandya

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:34 am, Nov 22, 2024

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

CASE NARRATIVE

JPCL Engineering
Project Name: Trenton Youth Wrestling
Project # N/A
Chemtech Project # P4768
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/07/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

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-TCL BNA -20 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 B-6-2-Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported, For B-3-1, BP-B4MS and BP-B4MSD due to matrix interference.
The Retention Times were acceptable for all samples.
The MS {P4756-01MS} with File ID: BF140307.D recoveries met the requirements for all compounds except for 1,1-Biphenyl[118%], 2,4,6-Trichlorophenol[118%], 2-Chlorophenol[109%], 3,3-Dichlorobenzidine[127%], 3-Nitroaniline[100%], 4-Chlorophenyl-phenylether[109%], Atrazine[145%], Benzo(a)anthracene[118%], Butylbenzylphthalate[127%], Dimethylphthalate[118%] and Fluoranthene[127%] due to matrix interference.
The MSD {P4756-01MSD} with File ID: BF140308.D recoveries met the acceptable requirements except for 2,3,4,6-Tetrachlorophenol[118%], 2,4,6-Trichlorophenol[118%], 2-Chlorophenol[109%], 3,3-Dichlorobenzidine[127%], 3-Nitroaniline[100%], 4-Chlorophenyl-phenylether[109%], Atrazine[145%], Benzo(a)anthracene[118%] and Dimethylphthalate[118%] due to matrix interference.
The RPD for {P4756-01MSD} with File ID: BF140308.D met criteria except for 2,4-Dinitrophenol[34%], 4,6-Dinitro-2-methylphenol[40%] due to difference in MS and MSD concentrations.

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

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.
The % RSD is greater than 20% in the Initial Calibration (8270-BF110524.M) for 2,4-Dinitrophenol, this compound is passing on Linear Regression
The Continuous Calibration File ID BF140463.D met the requirements except for Benzaldehyde . But associated samples have not positive hit for this compound therefore no corrective action was taken.
The Continuous Calibration File ID BF140501.D met the requirements except for Benzaldehyde . But associated samples have not positive hit for this compound therefore no corrective action was taken.
The Tuning criteria met requirements.

Sample B-6-2 was diluted due to high concentration.

E. Additional Comments:
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature N. N. Pandya

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:34 am, Nov 22, 2024

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

CASE NARRATIVE

JPCL Engineering
Project Name: Trenton Youth Wrestling
Project # N/A
Chemtech Project # P4768
Test Name: PCB

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/07/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOC-TCL BNA -20 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:
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.

---

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

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 N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:35 am, Nov 22, 2024

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

CASE NARRATIVE

JPCL Engineering
Project Name: Trenton Youth Wrestling
Project # N/A
Chemtech Project # P4768
Test Name: EPH

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/07/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for EPH.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.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 were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of EPHs was based on method NJEPH 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 {P4768-07MS} with File ID: FC067740.D recoveries met the requirements for all compounds except for Aliphatic C28-C40[144%]due to matrix interference.

The MSD {P4768-07MSD} with File ID: FC067741.D recoveries met the acceptable requirements except for Aliphatic C28-C40[148%]due to matrix interference.

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 .

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

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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

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 N. N. Pandya

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:35 am, Nov 22, 2024

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

CASE NARRATIVE

JPCL Engineering
Project Name: Trenton Youth Wrestling
Project # N/A
Chemtech Project # P4768
Test Name: Metals ICP-RCRA,Mercury

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/07/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: EPH, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Metals ICP-RCRA,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-RCRA 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 analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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

Signature N. N. Pandya

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:35 am, Nov 22, 2024

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4768

	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:** 11/22/2024

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.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**B-3-1**								
P4768-01	B-3-1	SOIL	Ethyl Benzene		17.8		1.20	10.0	ug/Kg
P4768-01	B-3-1	SOIL	m/p-Xylenes		73.3		2.70	20.0	ug/Kg
P4768-01	B-3-1	SOIL	o-Xylene		22.5		1.40	10.0	ug/Kg
			Total Voc :		114				
P4768-01	B-3-1	SOIL	Decane	*	31.6	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,3,5-trimethyl-	*	12.5	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Octane, 3-methyl-	*	14.0	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	13.1	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2,4-trimethyl-,	*	36.8	J	0	0	ug/Kg
			Total Tics :		108				
			Total Concentration:		222				
Client ID:	**B-3-2**								
P4768-02	B-3-2	SOIL	Ethyl Benzene		9.20		0.69	5.50	ug/Kg
P4768-02	B-3-2	SOIL	m/p-Xylenes		41.5		1.50	11.1	ug/Kg
P4768-02	B-3-2	SOIL	o-Xylene		11.9		0.78	5.50	ug/Kg
			Total Voc :		62.6				
P4768-02	B-3-2	SOIL	unknown11.213	*	11.5	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Decane	*	10.3	J	0	0	ug/Kg
			Total Tics :		21.8				
			Total Concentration:		84.4				
Client ID:	**B-3-3**								
P4768-03	B-3-3	SOIL	Ethyl Benzene		1.80	J	0.60	4.90	ug/Kg
P4768-03	B-3-3	SOIL	m/p-Xylenes		8.10	J	1.30	9.70	ug/Kg
P4768-03	B-3-3	SOIL	o-Xylene		2.60	J	0.68	4.90	ug/Kg
			Total Voc :		12.5				
			Total Concentration:		12.5				
Client ID:	**B-5**								
P4768-05	B-5	SOIL	Acetone		16.7	J	8.40	33.7	ug/Kg
			Total Voc :		16.7				
P4768-05	B-5	SOIL	unknown12.231	*	49.0	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown12.652	*	64.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown12.871	*	39.5	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Naphthalene, decahydro-2-metl	*	58.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	76.1	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Octene, 2,6-dimethyl-	*	120	J	0	0	ug/Kg
P4768-05	B-5	SOIL	1-Dodecanol, 3,7,11-trimethyl-	*	59.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,2,3-tetrameth	*	54.5	J	0	0	ug/Kg

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.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration		C	MDL	RDL	Units
P4768-05	B-5	SOIL	Cyclooctene, 1,2-dimethyl-	*	59.3		J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2-butyl-1,1,3-trin	*	45.2		J	0	0	ug/Kg
P4768-05	B-5	SOIL	sec-Butylbenzene	*	4.30		J	0.90	6.70	ug/Kg
			Total Tics :			630				
			Total Concentration:			647				
Client ID:	**B-6-2**									
P4768-06	B-6-2	SOIL	m/p-Xylenes		4.40		J	3.10	22.9	ug/Kg
			Total Voc :			4.40				
			Total Concentration:			4.40				
Client ID:	**B-6-3**									
P4768-07	B-6-3	SOIL	Acetone		13.4		J	6.20	24.7	ug/Kg
P4768-07	B-6-3	SOIL	Toluene		1.50		J	0.66	4.90	ug/Kg
P4768-07	B-6-3	SOIL	Ethyl Benzene		29.3			0.61	4.90	ug/Kg
P4768-07	B-6-3	SOIL	m/p-Xylenes		130			1.30	9.90	ug/Kg
P4768-07	B-6-3	SOIL	o-Xylene		44.4			0.69	4.90	ug/Kg
			Total Voc :			219				
P4768-07	B-6-3	SOIL	Decane	*	40.8		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, ethyl-	*	9.70		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, (2-methylpropyl)	*	8.90		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,3,5-trimethyl-,	*	15.8		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Octane, 3-methyl-	*	24.9		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,2,4-trimethyl-	*	60.7		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Decane, 4-methyl-	*	10.1		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	18.6		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Heptane, 2,3-dimethyl-	*	8.90		J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	1-Ethyl-4-methylcyclohexane	*	13.4		J	0	0	ug/Kg
			Total Tics :			212				
			Total Concentration:			430				

SAMPLE DATA

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65 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
VY020243.D	1		11/11/24 13:15	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.30	U	3.30	10.0	ug/Kg
74-87-3	Chloromethane	2.30	U	2.30	10.0	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	10.0	ug/Kg
74-83-9	Bromomethane	2.10	U	2.10	10.0	ug/Kg
75-00-3	Chloroethane	2.00	U	2.00	10.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	10.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	2.10	10.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.60	U	1.60	10.0	ug/Kg
67-64-1	Acetone	12.5	U	12.5	50.1	ug/Kg
75-15-0	Carbon Disulfide	2.60	U	2.60	10.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	10.0	ug/Kg
79-20-9	Methyl Acetate	3.60	U	3.60	10.0	ug/Kg
75-09-2	Methylene Chloride	6.80	U	6.80	20.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.70	U	1.70	10.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.30	U	1.30	10.0	ug/Kg
110-82-7	Cyclohexane	1.40	U	1.40	10.0	ug/Kg
78-93-3	2-Butanone	11.4	U	11.4	50.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.70	U	1.70	10.0	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	10.0	ug/Kg
74-97-5	Bromochloromethane	4.80	U	4.80	10.0	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	10.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.60	U	1.60	10.0	ug/Kg
108-87-2	Methylcyclohexane	1.70	U	1.70	10.0	ug/Kg
71-43-2	Benzene	1.40	U	1.40	10.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	10.0	ug/Kg
79-01-6	Trichloroethene	1.50	U	1.50	10.0	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	10.0	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	10.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.70	U	8.70	50.1	ug/Kg
108-88-3	Toluene	1.30	U	1.30	10.0	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65 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
VY020243.D	1		11/11/24 13:15	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.20	U	1.20	10.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1.10	10.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.70	U	1.70	10.0	ug/Kg
591-78-6	2-Hexanone	9.60	U	9.60	50.1	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	10.0	ug/Kg
106-93-4	1,2-Dibromoethane	1.60	U	1.60	10.0	ug/Kg
127-18-4	Tetrachloroethene	1.80	U	1.80	10.0	ug/Kg
108-90-7	Chlorobenzene	1.50	U	1.50	10.0	ug/Kg
100-41-4	Ethyl Benzene	17.8		1.20	10.0	ug/Kg
179601-23-1	m/p-Xylenes	73.3		2.70	20.0	ug/Kg
95-47-6	o-Xylene	22.5		1.40	10.0	ug/Kg
100-42-5	Styrene	1.20	U	1.20	10.0	ug/Kg
75-25-2	Bromoform	1.60	U	1.60	10.0	ug/Kg
98-82-8	Isopropylbenzene	1.30	U	1.30	10.0	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	2.20	10.0	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.50	10.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	10.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	10.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.10	U	3.10	10.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.60	U	1.60	10.0	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.60	U	1.60	10.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		50 - 163	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		54 - 147	103%	SPK: 50
2037-26-5	Toluene-d8	49.9		58 - 134	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		29 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	7.707			
540-36-3	1,4-Difluorobenzene	403000	8.616			
3114-55-4	Chlorobenzene-d5	382000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	134000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65 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
VY020243.D	1		11/11/24 13:15	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001839-63-0	Cyclohexane, 1,3,5-trimethyl-	12.5	J		10.9	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	13.1	J		11.0	ug/Kg
007667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.	36.8	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	14.0	J		11.3	ug/Kg
000124-18-5	Decane	31.6	J		12.7	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.74 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
VY020244.D	1		11/11/24 13:38	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.80	U	1.80	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.85	U	0.85	5.50	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.00	U	1.00	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.87	U	0.87	5.50	ug/Kg
67-64-1	Acetone	6.90	U	6.90	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.50	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	5.50	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.93	U	0.93	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.70	U	0.70	5.50	ug/Kg
110-82-7	Cyclohexane	0.77	U	0.77	5.50	ug/Kg
78-93-3	2-Butanone	6.30	U	6.30	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.68	U	0.68	5.50	ug/Kg
74-97-5	Bromochloromethane	2.70	U	2.70	5.50	ug/Kg
67-66-3	Chloroform	0.74	U	0.74	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	5.50	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.50	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.68	U	0.68	5.50	ug/Kg
79-01-6	Trichloroethene	0.83	U	0.83	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.73	U	0.73	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.80	U	4.80	27.7	ug/Kg
108-88-3	Toluene	0.74	U	0.74	5.50	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.74 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
VY020244.D	1		11/11/24 13:38	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.67	U	0.67	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.93	U	0.93	5.50	ug/Kg
591-78-6	2-Hexanone	5.30	U	5.30	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.72	U	0.72	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.50	ug/Kg
127-18-4	Tetrachloroethene	0.99	U	0.99	5.50	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	5.50	ug/Kg
100-41-4	Ethyl Benzene	9.20		0.69	5.50	ug/Kg
179601-23-1	m/p-Xylenes	41.5		1.50	11.1	ug/Kg
95-47-6	o-Xylene	11.9		0.78	5.50	ug/Kg
100-42-5	Styrene	0.67	U	0.67	5.50	ug/Kg
75-25-2	Bromoform	0.90	U	0.90	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.74	U	0.74	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.89	U	0.89	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.65	U	0.65	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.88	U	0.88	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.87	U	0.87	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.5		50 - 163	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	49.8		58 - 134	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		29 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	7.713			
540-36-3	1,4-Difluorobenzene	360000	8.616			
3114-55-4	Chlorobenzene-d5	335000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	118000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.74 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
VY020244.D	1		11/11/24 13:38	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
	unknown11.213	11.5	J		11.2	ug/Kg
000124-18-5	Decane	10.3	J		12.7	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59 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
VY020245.D	1		11/11/24 14:02	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.75	U	0.75	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	0.98	U	0.98	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.89	U	0.89	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.76	U	0.76	4.90	ug/Kg
67-64-1	Acetone	6.10	U	6.10	24.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.61	U	0.61	4.90	ug/Kg
110-82-7	Cyclohexane	0.67	U	0.67	4.90	ug/Kg
78-93-3	2-Butanone	5.50	U	5.50	24.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.85	U	0.85	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.59	U	0.59	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.90	ug/Kg
71-43-2	Benzene	0.70	U	0.70	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.59	U	0.59	4.90	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.64	U	0.64	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.20	U	4.20	24.4	ug/Kg
108-88-3	Toluene	0.65	U	0.65	4.90	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59 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
VY020245.D	1		11/11/24 14:02	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.58	U	0.58	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.4	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.87	U	0.87	4.90	ug/Kg
108-90-7	Chlorobenzene	0.72	U	0.72	4.90	ug/Kg
100-41-4	Ethyl Benzene	1.80	J	0.60	4.90	ug/Kg
179601-23-1	m/p-Xylenes	8.10	J	1.30	9.70	ug/Kg
95-47-6	o-Xylene	2.60	J	0.68	4.90	ug/Kg
100-42-5	Styrene	0.58	U	0.58	4.90	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.65	U	0.65	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.78	U	0.78	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.57	U	0.57	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.76	U	0.76	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.2		50 - 163	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		54 - 147	106%	SPK: 50
2037-26-5	Toluene-d8	49.7		58 - 134	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		29 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	7.713			
540-36-3	1,4-Difluorobenzene	391000	8.616			
3114-55-4	Chlorobenzene-d5	365000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.347			

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59 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
VY020245.D	1		11/11/24 14:02	VY111124

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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 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
VY020370.D	1		11/20/24 19:22	VY112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.90	U	1.90	5.80	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	5.80	ug/Kg
75-01-4	Vinyl Chloride	0.90	U	0.90	5.80	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	5.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.91	U	0.91	5.80	ug/Kg
67-64-1	Acetone	7.30	U	7.30	29.2	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.80	ug/Kg
79-20-9	Methyl Acetate	2.10	U	2.10	5.80	ug/Kg
75-09-2	Methylene Chloride	4.00	U	4.00	11.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.74	U	0.74	5.80	ug/Kg
110-82-7	Cyclohexane	0.81	U	0.81	5.80	ug/Kg
78-93-3	2-Butanone	6.60	U	6.60	29.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.71	U	0.71	5.80	ug/Kg
74-97-5	Bromochloromethane	2.80	U	2.80	5.80	ug/Kg
67-66-3	Chloroform	0.78	U	0.78	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	5.80	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.80	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	5.80	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.77	U	0.77	5.80	ug/Kg
75-27-4	Bromodichloromethane	0.65	U	0.65	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.10	U	5.10	29.2	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.80	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 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
VY020370.D	1		11/20/24 19:22	VY112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.70	U	0.70	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.80	ug/Kg
591-78-6	2-Hexanone	5.60	U	5.60	29.2	ug/Kg
124-48-1	Dibromochloromethane	0.76	U	0.76	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.80	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.80	ug/Kg
108-90-7	Chlorobenzene	0.86	U	0.86	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.80	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	11.7	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.80	ug/Kg
100-42-5	Styrene	0.70	U	0.70	5.80	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.80	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.86	U	0.86	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.93	U	0.93	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.69	U	0.69	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.92	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.91	U	0.91	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		50 - 163	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		54 - 147	100%	SPK: 50
2037-26-5	Toluene-d8	48.9		58 - 134	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		29 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	7.707			
540-36-3	1,4-Difluorobenzene	269000	8.615			
3114-55-4	Chlorobenzene-d5	254000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	98400	13.346			

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 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
VY020370.D	1		11/20/24 19:22	VY112024

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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12 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
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	6.70	ug/Kg
74-87-3	Chloromethane	1.60	U	1.60	6.70	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.70	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.70	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	6.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	6.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	6.70	ug/Kg
67-64-1	Acetone	16.7	J	8.40	33.7	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	6.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.90	U	0.90	6.70	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	6.70	ug/Kg
75-09-2	Methylene Chloride	4.60	U	4.60	13.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	6.70	ug/Kg
110-82-7	Cyclohexane	0.93	U	0.93	6.70	ug/Kg
78-93-3	2-Butanone	7.70	U	7.70	33.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	6.70	ug/Kg
74-97-5	Bromochloromethane	3.30	U	3.30	6.70	ug/Kg
67-66-3	Chloroform	0.90	U	0.90	6.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.70	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.70	ug/Kg
71-43-2	Benzene	0.97	U	0.97	6.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	6.70	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.89	U	0.89	6.70	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	0.76	6.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.90	U	5.90	33.7	ug/Kg
108-88-3	Toluene	0.90	U	0.90	6.70	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12 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
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.81	U	0.81	6.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.77	U	0.77	6.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.70	ug/Kg
591-78-6	2-Hexanone	6.50	U	6.50	33.7	ug/Kg
124-48-1	Dibromochloromethane	0.88	U	0.88	6.70	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.70	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	6.70	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	6.70	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	0.84	6.70	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	13.5	ug/Kg
95-47-6	o-Xylene	0.94	U	0.94	6.70	ug/Kg
100-42-5	Styrene	0.81	U	0.81	6.70	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.70	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	6.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.00	U	1.00	6.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	6.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.80	U	0.80	6.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	6.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	6.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.10	U	1.10	6.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.5		50 - 163	123%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	51.2		58 - 134	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.6		29 - 146	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	7.713			
540-36-3	1,4-Difluorobenzene	369000	8.616			
3114-55-4	Chlorobenzene-d5	365000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12 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
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	76.1	J		11.0	ug/Kg
006750-34-1	1-Dodecanol, 3,7,11-trimethyl-	59.3	J		12.1	ug/Kg
	unknown12.231	49.0	J		12.2	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	120	J		12.6	ug/Kg
	unknown12.652	64.3	J		12.7	ug/Kg
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	54.5	J		12.7	ug/Kg
	unknown12.871	39.5	J		12.9	ug/Kg
135-98-8	sec-Butylbenzene	4.30	J		13.2	ug/Kg
054299-96-6	Cyclooctene, 1,2-dimethyl-	59.3	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	58.3	J		14.2	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	45.2	J		15.0	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 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
VY020248.D	1		11/11/24 15:12	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.80	U	3.80	11.4	ug/Kg
74-87-3	Chloromethane	2.70	U	2.70	11.4	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	11.4	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	11.4	ug/Kg
75-00-3	Chloroethane	2.30	U	2.30	11.4	ug/Kg
75-69-4	Trichlorofluoromethane	2.10	U	2.10	11.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.40	U	2.40	11.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	1.80	11.4	ug/Kg
67-64-1	Acetone	14.3	U	14.3	57.1	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	2.90	11.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	1.50	11.4	ug/Kg
79-20-9	Methyl Acetate	4.10	U	4.10	11.4	ug/Kg
75-09-2	Methylene Chloride	7.80	U	7.80	22.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	1.90	11.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
110-82-7	Cyclohexane	1.60	U	1.60	11.4	ug/Kg
78-93-3	2-Butanone	13.0	U	13.0	57.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	11.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.40	U	1.40	11.4	ug/Kg
74-97-5	Bromochloromethane	5.50	U	5.50	11.4	ug/Kg
67-66-3	Chloroform	1.50	U	1.50	11.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	1.80	11.4	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	2.00	11.4	ug/Kg
71-43-2	Benzene	1.60	U	1.60	11.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	11.4	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	1.50	11.4	ug/Kg
75-27-4	Bromodichloromethane	1.30	U	1.30	11.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.90	U	9.90	57.1	ug/Kg
108-88-3	Toluene	1.50	U	1.50	11.4	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 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
VY020248.D	1		11/11/24 15:12	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.40	U	1.40	11.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.30	U	1.30	11.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	1.90	11.4	ug/Kg
591-78-6	2-Hexanone	10.9	U	10.9	57.1	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	1.50	11.4	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	1.80	11.4	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	2.00	11.4	ug/Kg
108-90-7	Chlorobenzene	1.70	U	1.70	11.4	ug/Kg
100-41-4	Ethyl Benzene	1.40	U	1.40	11.4	ug/Kg
179601-23-1	m/p-Xylenes	4.40	J	3.10	22.9	ug/Kg
95-47-6	o-Xylene	1.60	U	1.60	11.4	ug/Kg
100-42-5	Styrene	1.40	U	1.40	11.4	ug/Kg
75-25-2	Bromoform	1.90	U	1.90	11.4	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	1.50	11.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	2.50	11.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	11.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	11.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	11.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.60	U	3.60	11.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.80	U	1.80	11.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.80	U	1.80	11.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.1		50 - 163	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		54 - 147	104%	SPK: 50
2037-26-5	Toluene-d8	48.9		58 - 134	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		29 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	7.713			
540-36-3	1,4-Difluorobenzene	400000	8.616			
3114-55-4	Chlorobenzene-d5	366000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.346			

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 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
VY020248.D	1		11/11/24 15:12	VY111124

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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3 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
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.76	U	0.76	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.90	U	0.90	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.77	U	0.77	4.90	ug/Kg
67-64-1	Acetone	13.4	J	6.20	24.7	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.66	U	0.66	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.83	U	0.83	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	4.90	ug/Kg
110-82-7	Cyclohexane	0.68	U	0.68	4.90	ug/Kg
78-93-3	2-Butanone	5.60	U	5.60	24.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.86	U	0.86	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.66	U	0.66	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.77	U	0.77	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.86	U	0.86	4.90	ug/Kg
71-43-2	Benzene	0.71	U	0.71	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.60	U	0.60	4.90	ug/Kg
79-01-6	Trichloroethene	0.74	U	0.74	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.65	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	24.7	ug/Kg
108-88-3	Toluene	1.50	J	0.66	4.90	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3 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
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.83	U	0.83	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.7	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.78	U	0.78	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.88	U	0.88	4.90	ug/Kg
108-90-7	Chlorobenzene	0.73	U	0.73	4.90	ug/Kg
100-41-4	Ethyl Benzene	29.3		0.61	4.90	ug/Kg
179601-23-1	m/p-Xylenes	130		1.30	9.90	ug/Kg
95-47-6	o-Xylene	44.4		0.69	4.90	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.90	ug/Kg
75-25-2	Bromoform	0.80	U	0.80	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.66	U	0.66	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.73	U	0.73	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.79	U	0.79	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.58	U	0.58	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	0.78	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.8		50 - 163	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	50.6		58 - 134	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		29 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	7.713			
540-36-3	1,4-Difluorobenzene	390000	8.616			
3114-55-4	Chlorobenzene-d5	372000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3 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
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001795-27-3	Cyclohexane, 1,3,5-trimethyl-, (1.	15.8	J		10.9	ug/Kg
001678-91-7	Cyclohexane, ethyl-	9.70	J		11.0	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	18.6	J		11.0	ug/Kg
003074-71-3	Heptane, 2,3-dimethyl-	8.90	J		11.1	ug/Kg
002234-75-5	Cyclohexane, 1,2,4-trimethyl-	60.7	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	24.9	J		11.3	ug/Kg
003728-56-1	1-Ethyl-4-methylcyclohexane	13.4	J		11.7	ug/Kg
000124-18-5	Decane	40.8	J		12.7	ug/Kg
002847-72-5	Decane, 4-methyl-	10.1	J		13.0	ug/Kg
001678-98-4	Cyclohexane, (2-methylpropyl)-	8.90	J		13.2	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

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

LAB CHRONICLE

OrderID:	P4768	**OrderDate:**	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	**Project:**	Trenton Youth Wrestling
Contact:	Paul Rotondi	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	**B-3-1**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	
P4768-02	**B-3-2**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	
P4768-03	**B-3-3**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	
P4768-04	**B-4**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/20/24	
P4768-05	**B-5**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	
P4768-06	**B-6-2**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	
P4768-07	**B-6-3**	**SOIL**			**11/07/24**			**11/07/24**
			VOC-TCLVOA-10	8260D			11/11/24	

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.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : B-3-1									
P4768-01	B-3-1	SOIL	Pyrene		93.500	J	87.9	180	ug/Kg
			Total Svoc :		**93.50**				
P4768-01	B-3-1	SOIL	1-Cyclohexyl-2-methyl-prop-2-en	*	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	1-Hexene, 3-methyl-	*	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	2-sec-Butyl-3-methyl-1-pentene	*	84.400	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	4-Nonene, 3-methyl-, (Z)-	*	340.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	4-Undecene, (E)-	*	200.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	5-Ethyldecane	*	96.800	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	6-Tridecene, 7-methyl-	*	99.200	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	JB	0	0	ug/Kg
P4768-01	B-3-1	SOIL	cis, cis-3-Ethylbicyclo[4.4.0]deca	*	180.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,1-(1-methylethyli	*	130.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2,3-trimethyl-, (1.	*	97.500	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2-diethyl-3-methy	*	150.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 2-butyl-1,1,3-trimet	*	170.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Naphthalene, decahydro-2-methyl	*	140.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	trans-Decalin, 2-methyl-	*	130.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Undecane, 5-ethyl-	*	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown5.093	*	210.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown7.516	*	190.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown8.245	*	96.400	J	0	0	ug/Kg
			Total Tics :		**4,414.30**				
			Total Concentration:		**4,507.80**				
Client ID : B-3-2									
P4768-02	B-3-2	SOIL	Phenanthrene		520.000		88.2	180	ug/Kg
P4768-02	B-3-2	SOIL	Anthracene		160.000	J	88.6	180	ug/Kg
P4768-02	B-3-2	SOIL	Fluoranthene		2,000.000		85.8	180	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene		2,000.000		87.1	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(a)anthracene		1,900.000		84.7	180	ug/Kg
P4768-02	B-3-2	SOIL	Chrysene		1,500.000		83.5	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(b)fluoranthene		1,800.000		85.1	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(k)fluoranthene		870.000		86.7	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(a)pyrene		1,600.000		97.6	180	ug/Kg
P4768-02	B-3-2	SOIL	Indeno(1,2,3-cd)pyrene		570.000		82	180	ug/Kg
P4768-02	B-3-2	SOIL	Dibenzo(a,h)anthracene		230.000		85.2	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(g,h,i)perylene		570.000		84.1	180	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**13,720.00**				
P4768-02	B-3-2	SOIL	11H-Benzo[b]fluorene	*	120.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	88.200	AB	0	0	ug/Kg
P4768-02	B-3-2	SOIL	4H-Cyclopenta[def]phenanthrene	*	540.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	9,10-Dimethylanthracene	*	180.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	9-Octadecenamide, (Z)-	*	110.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 1-methyl-	*	120.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 2-methyl-	*	120.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 4,5,9,10-tetrahydro-	*	170.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	unknown12.539	*	100.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Anthracene, 2-methyl-	*	280.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benz[a]anthracene, 2-methyl-	*	90.600	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzo[b]triphenylene	*	170.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzo[e]pyrene	*	270.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzophenone	*	270.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Butane, 2-methoxy-2-methyl-	*	1,500.000	JB	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Fluoranthene, 2-methyl-	*	210.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Naphthalene, 2-phenyl-	*	120.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Perylene	*	1,100.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Phenanthrene, 1-methyl-	*	180.000	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Phenanthrene, 2-methyl-	*	100.000	J	0	0	ug/Kg
			Total Tics :		**5,838.80**				
			Total Concentration:		**19,558.80**				
Client ID :	**B-3-3**								
P4768-03	B-3-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	AB	0	0	ug/Kg
P4768-03	B-3-3	SOIL	9-Octadecenamide, (Z)-	*	490.000	J	0	0	ug/Kg
P4768-03	B-3-3	SOIL	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	78.700	J	0	0	ug/Kg
P4768-03	B-3-3	SOIL	Benzophenone	*	350.000	J	0	0	ug/Kg
P4768-03	B-3-3	SOIL	Butane, 2-methoxy-2-methyl-	*	2,200.000	JB	0	0	ug/Kg
P4768-03	B-3-3	SOIL	n-Hexadecanoic acid	*	210.000	J	0	0	ug/Kg
P4768-03	B-3-3	SOIL	Tetradecane	*	74.000	J	0	0	ug/Kg
P4768-03	B-3-3	SOIL	Tridecane	*	80.900	J	0	0	ug/Kg
			Total Tics :		**3,613.60**				
			Total Concentration:		**3,613.60**				
Client ID :	**B-4**								
P4768-04	B-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	AB	0	0	ug/Kg
P4768-04	B-4	SOIL	9-Octadecenamide, (Z)-	*	320.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Benzophenone	*	230.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclohexane, 1,3,5-trimethyl-, (1.	*	110.000	J	0	0	ug/Kg

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.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4768-04	B-4	SOIL	Cyclohexane, 1-bromo-3-methyl-	*	69.900	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclohexane, 1-ethyl-2-methyl-	*	83.900	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclopentane, (2-methylpropyl)-	*	88.800	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Decane	*	150.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	n-Hexadecanoic acid	*	120.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Nonane	*	160.000	J	0	0	ug/Kg
			Total Tics :		**1,442.60**				
			Total Concentration:		**1,442.60**				
Client ID : B-5									
P4768-05	B-5	SOIL	1-Cyclohexyl-2-methyl-prop-2-en	*	180.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Decene, 4-methyl-, (Z)-	*	280.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Undecene, 4-methyl-	*	250.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	4-Octene, 2,6-dimethyl-, [S-(E)]-	*	490.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	7-Tetradecyne	*	170.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Benzophenone	*	450.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Butane, 2-methoxy-2-methyl-	*	2,100.000	JB	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	230.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2,4-diethyl-1-methy	*	370.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2-butyl-1,1,3-trimet	*	370.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclooctane, 1-methyl-3-propyl-	*	160.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Dodecane, 2,7,10-trimethyl-	*	230.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Ketone, methyl 2,2,3-trimethylcyc	*	260.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Naphthalene, decahydro-2-methyl	*	270.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	trans, cis-2-Ethylbicyclo[4.4.0]de	*	410.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	trans-4a-Methyl-decahydronaphth	*	270.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown6.651	*	170.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.022	*	180.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.239	*	200.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.833	*	280.000	J	0	0	ug/Kg
			Total Tics :		**7,320.00**				
			Total Concentration:		**7,320.00**				
Client ID : B-6-2									
P4768-06	B-6-2	SOIL	Acenaphthylene		310.000		91.6	180	ug/Kg
P4768-06	B-6-2	SOIL	Dibenzofuran		150.000	J	89.4	180	ug/Kg
P4768-06	B-6-2	SOIL	Fluorene		230.000		90.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene		2,200.000		89	180	ug/Kg
P4768-06	B-6-2	SOIL	Anthracene		680.000		89.4	180	ug/Kg
P4768-06	B-6-2	SOIL	Carbazole		110.000	J	85	180	ug/Kg
P4768-06	B-6-2	SOIL	Fluoranthene		2,800.000	E	86.5	180	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4768-06	B-6-2	SOIL	Pyrene		2,300.000		87.9	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(a)anthracene		1,600.000		85.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Chrysene		1,200.000		84.2	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(b)fluoranthene		1,200.000		85.9	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(k)fluoranthene		590.000		87.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(a)pyrene		1,100.000		98.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Indeno(1,2,3-cd)pyrene		400.000		82.7	180	ug/Kg
P4768-06	B-6-2	SOIL	Dibenzo(a,h)anthracene		150.000	J	86	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(g,h,i)perylene		380.000		84.8	180	ug/Kg
			Total Svoc :		**15,400.00**				
P4768-06	B-6-2	SOIL	Decane	*	140.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 1,7-dimethyl-	*	98.800	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 2,3,6-trimethyl-	*	120.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 2,3-dimethyl-	*	130.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Nonane	*	100.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 1-methyl-	*	200.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 2,5-dimethyl-	*	90.400	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 2-methyl-	*	120.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 1-methyl-	*	210.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 4,5,9,10-tetrahydro-	*	93.200	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 4-methyl-	*	160.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	11H-Benzo[a]fluoren-11-one	*	140.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	AB	0	0	ug/Kg
P4768-06	B-6-2	SOIL	4H-Cyclopenta[def]phenanthrene	*	230.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	7H-Benz[de]anthracen-7-one	*	160.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzene, 1,3-dimethyl-	*	110.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	92.500	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzo[e]pyrene	*	690.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzophenone	*	460.000	J	0	0	ug/Kg
P4768-06	B-6-2	SOIL	Butane, 2-methoxy-2-methyl-	*	2,100.000	JB	0	0	ug/Kg
			Total Tics :		**5,554.90**				
			Total Concentration:		**20,954.90**				
Client ID :	**B-6-2DL**								
P4768-06DL	B-6-2DL	SOIL	Acenaphthylene		240.000	JD	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Fluorene		220.000	JD	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Phenanthrene		2,200.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Anthracene		660.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Fluoranthene		2,800.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Pyrene		2,100.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(a)anthracene		1,600.000	D	170	360	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4768-06DL	B-6-2DL	SOIL	Chrysene		1,200.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(b)fluoranthene		1,300.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(k)fluoranthene		550.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(a)pyrene		1,100.000	D	200	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Indeno(1,2,3-cd)pyrene		420.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(g,h,i)perylene		400.000	D	170	360	ug/Kg
			Total Svoc :		**14,790.00**				
			Total Concentration:		**14,790.00**				
Client ID : B-6-3									
P4768-07	B-6-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	AB	0	0	ug/Kg
P4768-07	B-6-3	SOIL	9-Octadecenamide, (Z)-	*	200.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Benzophenone	*	400.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Butane, 2-methoxy-2-methyl-	*	2,300.000	JB	0	0	ug/Kg
P4768-07	B-6-3	SOIL	n-Hexadecanoic acid	*	330.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Propane, 1,1-dimethoxy-	*	78.900	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Supraene	*	240.000	J	0	0	ug/Kg
			Total Tics :		**3,678.90**				
			Total Concentration:		**3,678.90**				

SAMPLE DATA

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140309.D	1	11/08/24 09:45	11/08/24 19:48	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.8	U	87.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	180	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	180	ug/Kg
98-86-2	Acetophenone	92.1	U	92.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.0	U	80.0	180	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.3	U	88.3	180	ug/Kg
105-60-2	Caprolactam	92.0	U	92.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.3	U	88.3	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140309.D	1	11/08/24 09:45	11/08/24 19:48	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	91.6	U	91.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.5	U	86.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	180	ug/Kg
118-74-1	Hexachlorobenzene	90.1	U	90.1	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	180	ug/Kg
87-86-5	Pentachlorophenol	81.9	U	81.9	350	ug/Kg
85-01-8	Phenanthrene	89.0	U	89.0	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	180	ug/Kg
129-00-0	Pyrene	93.5	J	87.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.5	U	85.5	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140309.D	1	11/08/24 09:45	11/08/24 19:48	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.5	U	98.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.7	U	82.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.0	U	86.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.9	U	84.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.0	U	92.0	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.5		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	72.6		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.7		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.9		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	61.5		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	114000	6.881			
1146-65-2	Naphthalene-d8	389000	8.157			
15067-26-2	Acenaphthene-d10	200000	9.916			
1517-22-2	Phenanthrene-d10	348000	11.41			
1719-03-5	Chrysene-d12	189000	14.069			
1520-96-3	Perylene-d12	170000	15.586			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	JB		2.13	ug/Kg
	unknown5.093	210	J		5.09	ug/Kg
003404-61-3	1-Hexene, 3-methyl-	120	J		5.80	ug/Kg
054934-90-6	Cyclohexane, 1,1-(1-methylethylid	130	J		5.89	ug/Kg
075144-24-0	2-sec-Butyl-3-methyl-1-pentene	84.4	J		6.32	ug/Kg
063830-69-3	4-Nonene, 3-methyl-, (Z)-	340	J		6.42	ug/Kg
001839-88-9	Cyclohexane, 1,2,3-trimethyl-, (1.	97.5	J		6.66	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140309.D	1	11/08/24 09:45	11/08/24 19:48	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000693-62-9	4-Undecene, (E)-	200	J		7.14	ug/Kg
025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	120	J		7.30	ug/Kg
	unknown7.516	190	J		7.52	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	130	J		7.68	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	140	J		7.80	ug/Kg
017302-36-2	5-Ethyldecane	96.8	J		8.21	ug/Kg
	unknown8.245	96.4	J		8.24	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	170	J		8.36	ug/Kg
066660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]deca	180	J		8.45	ug/Kg
061141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	150	J		8.60	ug/Kg
024949-42-6	6-Tridecene, 7-methyl-	99.2	J		8.70	ug/Kg
017453-94-0	Undecane, 5-ethyl-	120	J		8.84	ug/Kg
000119-61-9	Benzophenone	340	J		10.6	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140435.D	1	11/08/24 09:45	11/16/24 17:34	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.0	U	87.0	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.9	U	87.9	180	ug/Kg
95-57-8	2-Chlorophenol	87.7	U	87.7	180	ug/Kg
95-48-7	2-Methylphenol	84.6	U	84.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.4	U	95.4	180	ug/Kg
98-86-2	Acetophenone	91.2	U	91.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.8	U	83.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	84.0	ug/Kg
67-72-1	Hexachloroethane	87.1	U	87.1	180	ug/Kg
98-95-3	Nitrobenzene	95.3	U	95.3	180	ug/Kg
78-59-1	Isophorone	88.8	U	88.8	180	ug/Kg
88-75-5	2-Nitrophenol	99.2	U	99.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.8	U	97.8	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.1	U	90.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.3	U	79.3	180	ug/Kg
91-20-3	Naphthalene	86.7	U	86.7	180	ug/Kg
106-47-8	4-Chloroaniline	86.7	U	86.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	180	ug/Kg
105-60-2	Caprolactam	91.1	U	91.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.4	U	81.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.6	U	86.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.0	U	75.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.7	U	77.7	180	ug/Kg
92-52-4	1,1-Biphenyl	91.8	U	91.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	180	ug/Kg
88-74-4	2-Nitroaniline	99.7	U	99.7	180	ug/Kg
131-11-3	Dimethylphthalate	85.8	U	85.8	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140435.D	1	11/08/24 09:45	11/16/24 17:34	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.8	U	90.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	180	ug/Kg
99-09-2	3-Nitroaniline	93.6	U	93.6	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.6	U	88.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.5	U	90.5	180	ug/Kg
84-66-2	Diethylphthalate	84.1	U	84.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.9	U	89.9	180	ug/Kg
86-73-7	Fluorene	89.8	U	89.8	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.7	U	85.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.8	U	82.8	180	ug/Kg
118-74-1	Hexachlorobenzene	89.2	U	89.2	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	180	ug/Kg
87-86-5	Pentachlorophenol	81.1	U	81.1	350	ug/Kg
85-01-8	Phenanthrene	520		88.2	180	ug/Kg
120-12-7	Anthracene	160	J	88.6	180	ug/Kg
86-74-8	Carbazole	84.3	U	84.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.5	U	88.5	180	ug/Kg
206-44-0	Fluoranthene	2000		85.8	180	ug/Kg
129-00-0	Pyrene	2000		87.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		84.7	180	ug/Kg
218-01-9	Chrysene	1500		83.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.5	U	95.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		85.1	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140435.D	1	11/08/24 09:45	11/16/24 17:34	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	870		86.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		97.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		82.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		85.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570		84.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.1	U	91.1	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.4	U	78.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	64.8		18 - 112	43%	SPK: 150
13127-88-3	Phenol-d6	62.6		15 - 107	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.1		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.0		10 - 116	39%	SPK: 150
1718-51-0	Terphenyl-d14	41.5		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.875			
1146-65-2	Naphthalene-d8	433000	8.151			
15067-26-2	Acenaphthene-d10	228000	9.91			
1517-22-2	Phenanthrene-d10	371000	11.398			
1719-03-5	Chrysene-d12	238000	14.045			
1520-96-3	Perylene-d12	217000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	JB		2.12	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.2	AB		5.09	ug/Kg
000119-61-9	Benzophenone	270	J		10.6	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	180	J		11.9	ug/Kg
000613-12-7	Anthracene, 2-methyl-	280	J		11.9	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	100	J		12.0	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J		12.0	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140435.D	1	11/08/24 09:45	11/16/24 17:34	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000612-94-2	Naphthalene, 2-phenyl-	120	J		12.2	ug/Kg
000781-43-1	9,10-Dimethylanthracene	180	J		12.5	ug/Kg
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	170	J		12.5	ug/Kg
	unknown12.539	100	J		12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	120	J		13.1	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	210	J		13.2	ug/Kg
000243-17-4	11H-Benzo[b]fluorene	120	J		13.2	ug/Kg
003442-78-2	Pyrene, 2-methyl-	120	J		13.3	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	110	J		13.5	ug/Kg
002498-76-2	Benz[a]anthracene, 2-methyl-	90.6	J		14.4	ug/Kg
000192-97-2	Benzo[e]pyrene	270	J		15.2	ug/Kg
000198-55-0	Perylene	1100	J		15.4	ug/Kg
000215-58-7	Benzo[b]triphenylene	170	J		17.2	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140482.D	1	11/08/24 09:45	11/19/24 19:02	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.2	U	90.2	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.1	U	91.1	190	ug/Kg
95-57-8	2-Chlorophenol	90.9	U	90.9	190	ug/Kg
95-48-7	2-Methylphenol	87.7	U	87.7	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.9	U	98.9	190	ug/Kg
98-86-2	Acetophenone	94.6	U	94.6	190	ug/Kg
65794-96-9	3+4-Methylphenols	86.8	U	86.8	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.1	ug/Kg
67-72-1	Hexachloroethane	90.3	U	90.3	190	ug/Kg
98-95-3	Nitrobenzene	98.8	U	98.8	190	ug/Kg
78-59-1	Isophorone	92.1	U	92.1	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.4	U	93.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.2	U	82.2	190	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	190	ug/Kg
106-47-8	4-Chloroaniline	89.9	U	89.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	190	ug/Kg
105-60-2	Caprolactam	94.5	U	94.5	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.3	U	84.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.8	U	89.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.7	U	77.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.5	U	80.5	190	ug/Kg
92-52-4	1,1-Biphenyl	95.1	U	95.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.7	U	90.7	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	190	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140482.D	1	11/08/24 09:45	11/19/24 19:02	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	94.1	U	94.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.5	U	90.5	190	ug/Kg
99-09-2	3-Nitroaniline	97.1	U	97.1	190	ug/Kg
83-32-9	Acenaphthene	88.3	U	88.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	91.8	U	91.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.8	U	93.8	190	ug/Kg
84-66-2	Diethylphthalate	87.2	U	87.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.2	U	93.2	190	ug/Kg
86-73-7	Fluorene	93.0	U	93.0	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.8	U	88.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.9	U	85.9	190	ug/Kg
118-74-1	Hexachlorobenzene	92.5	U	92.5	190	ug/Kg
1912-24-9	Atrazine	99.5	U	99.5	190	ug/Kg
87-86-5	Pentachlorophenol	84.1	U	84.1	360	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	190	ug/Kg
86-74-8	Carbazole	87.4	U	87.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.7	U	91.7	190	ug/Kg
206-44-0	Fluoranthene	88.9	U	88.9	190	ug/Kg
129-00-0	Pyrene	90.3	U	90.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.8	U	87.8	190	ug/Kg
218-01-9	Chrysene	86.5	U	86.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.0	U	99.0	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.3	U	88.3	190	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140482.D	1	11/08/24 09:45	11/19/24 19:02	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	89.9	U	89.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.0	U	85.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.4	U	88.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.2	U	87.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.5	U	94.5	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.3	U	81.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.2		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	80.3		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.5		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.9		10 - 116	49%	SPK: 150
1718-51-0	Terphenyl-d14	59.6		10 - 105	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	6.875			
1146-65-2	Naphthalene-d8	576000	8.151			
15067-26-2	Acenaphthene-d10	259000	9.91			
1517-22-2	Phenanthrene-d10	406000	11.398			
1719-03-5	Chrysene-d12	266000	14.045			
1520-96-3	Perylene-d12	205000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	JB		2.17	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB		5.10	ug/Kg
000629-59-4	Tetradecane	74.0	J		9.30	ug/Kg
000119-61-9	Benzophenone	350	J		10.6	ug/Kg
000629-50-5	Tridecane	80.9	J		10.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J		11.9	ug/Kg
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	78.7	J		12.8	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140482.D	1	11/08/24 09:45	11/19/24 19:02	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000301-02-0	9-Octadecenamide, (Z)-	490	J		13.5	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	86.9	U	86.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.8	U	87.8	180	ug/Kg
95-57-8	2-Chlorophenol	87.6	U	87.6	180	ug/Kg
95-48-7	2-Methylphenol	84.5	U	84.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.3	U	95.3	180	ug/Kg
98-86-2	Acetophenone	91.1	U	91.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.7	U	83.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	83.9	ug/Kg
67-72-1	Hexachloroethane	87.0	U	87.0	180	ug/Kg
98-95-3	Nitrobenzene	95.2	U	95.2	180	ug/Kg
78-59-1	Isophorone	88.7	U	88.7	180	ug/Kg
88-75-5	2-Nitrophenol	99.1	U	99.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.7	U	97.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.0	U	90.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.2	U	79.2	180	ug/Kg
91-20-3	Naphthalene	86.6	U	86.6	180	ug/Kg
106-47-8	4-Chloroaniline	86.6	U	86.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	180	ug/Kg
105-60-2	Caprolactam	91.0	U	91.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.3	U	81.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.5	U	86.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.9	U	74.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.6	U	77.6	180	ug/Kg
92-52-4	1,1-Biphenyl	91.7	U	91.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	180	ug/Kg
88-74-4	2-Nitroaniline	99.6	U	99.6	180	ug/Kg
131-11-3	Dimethylphthalate	85.7	U	85.7	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.7	U	90.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	180	ug/Kg
99-09-2	3-Nitroaniline	93.5	U	93.5	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.5	U	88.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.4	U	90.4	180	ug/Kg
84-66-2	Diethylphthalate	84.0	U	84.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.8	U	89.8	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.6	U	85.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.7	U	82.7	180	ug/Kg
118-74-1	Hexachlorobenzene	89.1	U	89.1	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	180	ug/Kg
87-86-5	Pentachlorophenol	81.1	U	81.1	350	ug/Kg
85-01-8	Phenanthrene	88.1	U	88.1	180	ug/Kg
120-12-7	Anthracene	88.5	U	88.5	180	ug/Kg
86-74-8	Carbazole	84.2	U	84.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.4	U	88.4	180	ug/Kg
206-44-0	Fluoranthene	85.7	U	85.7	180	ug/Kg
129-00-0	Pyrene	87.0	U	87.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.6	U	84.6	180	ug/Kg
218-01-9	Chrysene	83.4	U	83.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.4	U	95.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.1	U	85.1	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	86.6	U	86.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.5	U	97.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.9	U	81.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.2	U	85.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.0	U	84.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.0	U	91.0	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.3	U	78.3	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.0		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	55.0		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.0		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.2		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	46.5		10 - 116	31%	SPK: 150
1718-51-0	Terphenyl-d14	40.5		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.875			
1146-65-2	Naphthalene-d8	465000	8.151			
15067-26-2	Acenaphthene-d10	232000	9.91			
1517-22-2	Phenanthrene-d10	359000	11.398			
1719-03-5	Chrysene-d12	228000	14.045			
1520-96-3	Perylene-d12	171000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB		5.09	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	110	J		5.29	ug/Kg
013905-48-1	Cyclohexane, 1-bromo-3-methyl-	69.9	J		5.69	ug/Kg
000111-84-2	Nonane	160	J		5.78	ug/Kg
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	83.9	J		5.90	ug/Kg
003788-32-7	Cyclopentane, (2-methylpropyl)-	88.8	J		6.12	ug/Kg
000124-18-5	Decane	150	J		6.70	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000119-61-9	Benzophenone	230	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J		11.9	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	320	J		13.5	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140508.D	1	11/08/24 09:45	11/20/24 19:09	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	92.1	U	92.1	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.0	U	93.0	190	ug/Kg
95-57-8	2-Chlorophenol	92.7	U	92.7	190	ug/Kg
95-48-7	2-Methylphenol	89.5	U	89.5	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	96.5	U	96.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.6	U	88.6	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.8	U	44.8	88.9	ug/Kg
67-72-1	Hexachloroethane	92.2	U	92.2	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	94.0	U	94.0	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.3	U	95.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.9	U	83.9	190	ug/Kg
91-20-3	Naphthalene	91.7	U	91.7	190	ug/Kg
106-47-8	4-Chloroaniline	91.7	U	91.7	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.5	U	92.5	190	ug/Kg
105-60-2	Caprolactam	96.4	U	96.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.1	U	86.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.6	U	91.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.3	U	79.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.2	U	82.2	190	ug/Kg
92-52-4	1,1-Biphenyl	97.1	U	97.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.5	U	92.5	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	90.7	U	90.7	190	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140508.D	1	11/08/24 09:45	11/20/24 19:09	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	96.1	U	96.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.4	U	92.4	190	ug/Kg
99-09-2	3-Nitroaniline	99.1	U	99.1	190	ug/Kg
83-32-9	Acenaphthene	90.1	U	90.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	93.7	U	93.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.7	U	95.7	190	ug/Kg
84-66-2	Diethylphthalate	89.0	U	89.0	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.1	U	95.1	190	ug/Kg
86-73-7	Fluorene	95.0	U	95.0	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.6	U	90.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.6	U	87.6	190	ug/Kg
118-74-1	Hexachlorobenzene	94.4	U	94.4	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	85.9	U	85.9	370	ug/Kg
85-01-8	Phenanthrene	93.3	U	93.3	190	ug/Kg
120-12-7	Anthracene	93.7	U	93.7	190	ug/Kg
86-74-8	Carbazole	89.2	U	89.2	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.6	U	93.6	190	ug/Kg
206-44-0	Fluoranthene	90.7	U	90.7	190	ug/Kg
129-00-0	Pyrene	92.2	U	92.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	U	89.6	190	ug/Kg
218-01-9	Chrysene	88.3	U	88.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.1	U	90.1	190	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140508.D	1	11/08/24 09:45	11/20/24 19:09	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	91.7	U	91.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	U	86.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.2	U	90.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.0	U	89.0	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.4	U	96.4	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.0	U	83.0	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.7		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	85.6		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.3		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.0		10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	63.7		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	97800	6.875			
1146-65-2	Naphthalene-d8	331000	8.151			
15067-26-2	Acenaphthene-d10	156000	9.904			
1517-22-2	Phenanthrene-d10	250000	11.398			
1719-03-5	Chrysene-d12	156000	14.062			
1520-96-3	Perylene-d12	144000	15.568			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB		2.14	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	230	J		5.09	ug/Kg
255885-37-1	Cyclooctane, 1-methyl-3-propyl-	160	J		5.89	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	490	J		6.41	ug/Kg
	unknown6.651	170	J		6.65	ug/Kg
035216-11-6	7-Tetradecyne	170	J		6.96	ug/Kg
074630-30-1	2-Decene, 4-methyl-, (Z)-	280	J		7.14	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140508.D	1	11/08/24 09:45	11/20/24 19:09	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	180	J		7.29	ug/Kg
017983-22-1	Ketone, methyl 2,2,3-trimethylcycl	260	J		7.51	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	270	J		7.67	ug/Kg
002547-27-5	trans-4a-Methyl-decahydronaphthale	270	J		7.79	ug/Kg
	unknown8.022	180	J		8.02	ug/Kg
074645-98-0	Dodecane, 2,7,10-trimethyl-	230	J		8.20	ug/Kg
	unknown8.239	200	J		8.24	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	370	J		8.36	ug/Kg
066660-39-7	trans, cis-2-Ethylbicyclo[4.4.0]de	410	J		8.44	ug/Kg
061142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	370	J		8.59	ug/Kg
091695-32-8	2-Undecene, 4-methyl-	250	J		8.69	ug/Kg
	unknown8.833	280	J		8.83	ug/Kg
000119-61-9	Benzophenone	450	J		10.6	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140310.D	1	11/08/24 09:45	11/08/24 20:14	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	87.8	U	87.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	180	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	180	ug/Kg
98-86-2	Acetophenone	92.0	U	92.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.7	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.0	U	80.0	180	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	180	ug/Kg
105-60-2	Caprolactam	91.9	U	91.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140310.D	1	11/08/24 09:45	11/08/24 20:14	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	310		91.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	150	J	89.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	180	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	180	ug/Kg
86-73-7	Fluorene	230		90.5	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	180	ug/Kg
118-74-1	Hexachlorobenzene	90.0	U	90.0	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	180	ug/Kg
87-86-5	Pentachlorophenol	81.9	U	81.9	350	ug/Kg
85-01-8	Phenanthrene	2200		89.0	180	ug/Kg
120-12-7	Anthracene	680		89.4	180	ug/Kg
86-74-8	Carbazole	110	J	85.0	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	180	ug/Kg
206-44-0	Fluoranthene	2800	E	86.5	180	ug/Kg
129-00-0	Pyrene	2300		87.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	1600		85.5	180	ug/Kg
218-01-9	Chrysene	1200		84.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		85.9	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140310.D	1	11/08/24 09:45	11/08/24 20:14	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	590		87.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	1100		98.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		82.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	86.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		84.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	79.0		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	75.2		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.5		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.8		20 - 109	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.5		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	61.9		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	109000	6.881			
1146-65-2	Naphthalene-d8	377000	8.157			
15067-26-2	Acenaphthene-d10	191000	9.916			
1517-22-2	Phenanthrene-d10	335000	11.41			
1719-03-5	Chrysene-d12	199000	14.063			
1520-96-3	Perylene-d12	181000	15.562			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB		2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB		5.09	ug/Kg
000108-38-3	Benzene, 1,3-dimethyl-	110	J		5.73	ug/Kg
000111-84-2	Nonane	100	J		5.79	ug/Kg
000124-18-5	Decane	140	J		6.71	ug/Kg
000575-37-1	Naphthalene, 1,7-dimethyl-	98.8	J		9.50	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	130	J		9.57	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140310.D	1	11/08/24 09:45	11/08/24 20:14	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000829-26-5	Naphthalene, 2,3,6-trimethyl-	120	J		10.3	ug/Kg
000119-61-9	Benzophenone	460	J		10.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	120	J		11.9	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	200	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J		12.0	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	90.4	J		12.5	ug/Kg
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	93.2	J		12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	210	J		13.1	ug/Kg
003353-12-6	Pyrene, 4-methyl-	160	J		13.3	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J		13.7	ug/Kg
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	92.5	J		13.8	ug/Kg
000082-05-3	7H-Benz[de]anthracen-7-one	160	J		13.9	ug/Kg
000192-97-2	Benzo[e]pyrene	690	J		15.4	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	UD	390	700	ug/Kg
108-95-2	Phenol	180	UD	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	UD	180	360	ug/Kg
95-57-8	2-Chlorophenol	180	UD	180	360	ug/Kg
95-48-7	2-Methylphenol	170	UD	170	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	UD	190	360	ug/Kg
98-86-2	Acetophenone	180	UD	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	UD	170	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.4	UD	85.4	170	ug/Kg
67-72-1	Hexachloroethane	180	UD	180	360	ug/Kg
98-95-3	Nitrobenzene	190	UD	190	360	ug/Kg
78-59-1	Isophorone	180	UD	180	360	ug/Kg
88-75-5	2-Nitrophenol	200	UD	200	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	UD	200	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	UD	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	UD	160	360	ug/Kg
91-20-3	Naphthalene	170	UD	170	360	ug/Kg
106-47-8	4-Chloroaniline	170	UD	170	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	UD	180	360	ug/Kg
105-60-2	Caprolactam	180	UD	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	UD	160	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	UD	170	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	UD	330	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	UD	150	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	UD	160	360	ug/Kg
92-52-4	1,1-Biphenyl	190	UD	190	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	UD	180	360	ug/Kg
88-74-4	2-Nitroaniline	200	UD	200	360	ug/Kg
131-11-3	Dimethylphthalate	170	UD	170	360	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	240	JD	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	UD	180	360	ug/Kg
99-09-2	3-Nitroaniline	190	UD	190	360	ug/Kg
83-32-9	Acenaphthene	170	UD	170	360	ug/Kg
51-28-5	2,4-Dinitrophenol	510	UD	510	700	ug/Kg
100-02-7	4-Nitrophenol	250	UD	250	700	ug/Kg
132-64-9	Dibenzofuran	180	UD	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	UD	180	360	ug/Kg
84-66-2	Diethylphthalate	170	UD	170	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	UD	180	360	ug/Kg
86-73-7	Fluorene	220	JD	180	360	ug/Kg
100-01-6	4-Nitroaniline	230	UD	230	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	UD	250	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	UD	170	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	UD	170	360	ug/Kg
118-74-1	Hexachlorobenzene	180	UD	180	360	ug/Kg
1912-24-9	Atrazine	190	UD	190	360	ug/Kg
87-86-5	Pentachlorophenol	160	UD	160	700	ug/Kg
85-01-8	Phenanthrene	2200	D	180	360	ug/Kg
120-12-7	Anthracene	660	D	180	360	ug/Kg
86-74-8	Carbazole	170	UD	170	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	UD	180	360	ug/Kg
206-44-0	Fluoranthene	2800	D	170	360	ug/Kg
129-00-0	Pyrene	2100	D	180	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	UD	210	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	UD	210	700	ug/Kg
56-55-3	Benzo(a)anthracene	1600	D	170	360	ug/Kg
218-01-9	Chrysene	1200	D	170	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	UD	190	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	UD	230	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	D	170	360	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	550	D	170	360	ug/Kg
50-32-8	Benzo(a)pyrene	1100	D	200	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	D	170	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	UD	170	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	D	170	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	UD	180	360	ug/Kg
123-91-1	1,4-Dioxane	230	UD	230	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	UD	160	360	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.9		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	78.5		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.3		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.1		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.8		10 - 116	41%	SPK: 150
1718-51-0	Terphenyl-d14	54.5		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.875			
1146-65-2	Naphthalene-d8	505000	8.157			
15067-26-2	Acenaphthene-d10	233000	9.91			
1517-22-2	Phenanthrene-d10	350000	11.398			
1719-03-5	Chrysene-d12	247000	14.051			
1520-96-3	Perylene-d12	180000	15.539			

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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	86.8	U	86.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.7	U	87.7	180	ug/Kg
95-57-8	2-Chlorophenol	87.5	U	87.5	180	ug/Kg
95-48-7	2-Methylphenol	84.4	U	84.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.2	U	95.2	180	ug/Kg
98-86-2	Acetophenone	91.0	U	91.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.6	U	83.6	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.2	U	42.2	83.8	ug/Kg
67-72-1	Hexachloroethane	86.9	U	86.9	180	ug/Kg
98-95-3	Nitrobenzene	95.1	U	95.1	180	ug/Kg
78-59-1	Isophorone	88.6	U	88.6	180	ug/Kg
88-75-5	2-Nitrophenol	99.0	U	99.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.6	U	97.6	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.9	U	89.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.1	U	79.1	180	ug/Kg
91-20-3	Naphthalene	86.5	U	86.5	180	ug/Kg
106-47-8	4-Chloroaniline	86.5	U	86.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.3	U	87.3	180	ug/Kg
105-60-2	Caprolactam	90.9	U	90.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.2	U	81.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.4	U	86.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.8	U	74.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.5	U	77.5	180	ug/Kg
92-52-4	1,1-Biphenyl	91.6	U	91.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.3	U	87.3	180	ug/Kg
88-74-4	2-Nitroaniline	99.5	U	99.5	180	ug/Kg
131-11-3	Dimethylphthalate	85.6	U	85.6	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.6	U	90.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.2	U	87.2	180	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	180	ug/Kg
83-32-9	Acenaphthene	85.0	U	85.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.4	U	88.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.3	U	90.3	180	ug/Kg
84-66-2	Diethylphthalate	83.9	U	83.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.7	U	89.7	180	ug/Kg
86-73-7	Fluorene	89.6	U	89.6	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.5	U	85.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.6	U	82.6	180	ug/Kg
118-74-1	Hexachlorobenzene	89.0	U	89.0	180	ug/Kg
1912-24-9	Atrazine	95.7	U	95.7	180	ug/Kg
87-86-5	Pentachlorophenol	81.0	U	81.0	350	ug/Kg
85-01-8	Phenanthrene	88.0	U	88.0	180	ug/Kg
120-12-7	Anthracene	88.4	U	88.4	180	ug/Kg
86-74-8	Carbazole	84.1	U	84.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.3	U	88.3	180	ug/Kg
206-44-0	Fluoranthene	85.6	U	85.6	180	ug/Kg
129-00-0	Pyrene	86.9	U	86.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.5	U	84.5	180	ug/Kg
218-01-9	Chrysene	83.3	U	83.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	U	95.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.0	U	85.0	180	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	86.5	U	86.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.4	U	97.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.1	U	85.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.9	U	83.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.9	U	90.9	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.2	U	78.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.7		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	87.5		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.6		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.4		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	72.6		10 - 105	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.875			
1146-65-2	Naphthalene-d8	442000	8.151			
15067-26-2	Acenaphthene-d10	205000	9.91			
1517-22-2	Phenanthrene-d10	338000	11.398			
1719-03-5	Chrysene-d12	205000	14.045			
1520-96-3	Perylene-d12	164000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	JB		2.16	ug/Kg
004744-10-9	Propane, 1,1-dimethoxy-	78.9	J		2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB		5.10	ug/Kg
000119-61-9	Benzophenone	400	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	330	J		11.9	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	200	J		13.5	ug/Kg
007683-64-9	Supraene	240	J		14.9	ug/Kg

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

LAB CHRONICLE

OrderID:	P4768	**OrderDate:**	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	**Project:**	Trenton Youth Wrestling
Contact:	Paul Rotondi	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	**B-3-1**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/08/24	
P4768-02	**B-3-2**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/16/24	
P4768-03	**B-3-3**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/19/24	
P4768-04	**B-4**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/16/24	
P4768-05	**B-5**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/20/24	
P4768-06	**B-6-2**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/08/24	
P4768-06DL	**B-6-2DL**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/14/24	
P4768-07	**B-6-3**	**SOIL**			**11/07/24**			**11/07/24**
			SVOC-TCL BNA -20	8270E		11/08/24	11/19/24	

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

Hit Summary Sheet
SW-846

SDG No.: P4768 **Order ID:** P4768

Client: JPCL Engineering **Project ID:** Trenton Youth Wrestling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.2 Decanted:
Sample Wt/Vol:	30.02 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
PO107811.D	1	11/08/24 08:45	11/08/24 14:29	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	18.0	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.0	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.0	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.0	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	18.0	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.0	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	18.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	18.0	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		32 - 175	95%	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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.05 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
PO107812.D	1	11/08/24 08:45	11/08/24 14:45	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	17.8	ug/kg
11104-28-2	Aroclor-1221	6.70	U	6.70	17.8	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	17.8	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	17.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	17.8	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	17.8	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	17.8	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.8	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	17.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		32 - 175	94%	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.8 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
PO107813.D	1	11/08/24 08:45	11/08/24 15:01	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.5	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.5	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.5	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.5	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.5	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.5	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.5	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.0		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		32 - 175	103%	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.1 Decanted:
Sample Wt/Vol:	30.08 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
PO107814.D	1	11/08/24 08:45	11/08/24 15:17	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	17.8	ug/kg
11104-28-2	Aroclor-1221	6.70	U	6.70	17.8	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	17.8	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	17.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	17.8	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	17.8	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	17.8	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.8	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	17.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.9		32 - 144	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		32 - 175	103%	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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90 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
PO107815.D	1	11/08/24 08:45	11/08/24 15:33	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.3 Decanted:
Sample Wt/Vol:	30.01 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
PO107818.D	1	11/08/24 08:45	11/08/24 17:10	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	18.0	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.0	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.0	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.0	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	18.0	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.0	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	18.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	18.0	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.7		32 - 144	128%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	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

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95.4 Decanted:
Sample Wt/Vol:	30.05 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
PO107819.D	1	11/08/24 08:45	11/08/24 17:26	PB164787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.50	U	3.50	17.8	ug/kg
11104-28-2	Aroclor-1221	6.70	U	6.70	17.8	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	17.8	ug/kg
53469-21-9	Aroclor-1242	3.50	U	3.50	17.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	17.8	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	17.8	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	17.8	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.8	ug/kg
11096-82-5	Aroclor-1260	3.00	U	3.00	17.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.0		32 - 144	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		32 - 175	113%	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:	P4768	**OrderDate:**	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	**Project:**	Trenton Youth Wrestling
Contact:	Paul Rotondi	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	**B-3-1**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-02	**B-3-2**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-03	**B-3-3**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-04	**B-4**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-05	**B-5**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-06	**B-6-2**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
P4768-07	**B-6-3**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	

SAMPLE DATA

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 22:43	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	2.80		1	0.40	1.06	mg/kg	FE051212.D
Aliphatic C12-C16	Aliphatic C12-C16	2.34		1	0.25	0.71	mg/kg	FE051212.D
Aliphatic C16-C21	Aliphatic C16-C21	12.8		1	0.32	1.06	mg/kg	FE051212.D
Aliphatic C21-C28	Aliphatic C21-C28	85.6		5	4.24	7.06	mg/kg	FE051227.D
Aliphatic C28-C40	Aliphatic C28-C40	84.4		5	9.53	10.6	mg/kg	FE051227.D
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.32	0.71	mg/kg	FF015027.D
Aromatic C12-C16	Aromatic C12-C16	2.72		1	0.36	1.06	mg/kg	FF015027.D
Aromatic C16-C21	Aromatic C16-C21	5.22		1	1.02	1.77	mg/kg	FF015027.D
Aromatic C21-C36	Aromatic C21-C36	43.3		1	2.12	2.82	mg/kg	FF015027.D
Total AliphaticEPH	Total AliphaticEPH	188			14.7	20.5	mg/kg	
Total AromaticEPH	Total AromaticEPH	51.7			3.82	6.36	mg/kg	
Total EPH	Total EPH	240			18.6	26.8	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051212.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.80		0.40	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.34		0.25	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	12.8		0.32	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	82.7	E	0.85	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.7	E	1.91	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.6		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-01	Acq On:	13 Nov 2024 22:43
Client Sample ID:	B-3-1	Operator:	YP\AJ
Data file:	FE051212.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	5541837	39.609	300	ug/ml
Aliphatic C12-C16	6.756	10.187	4667509	33.189	200	ug/ml
Aliphatic C16-C21	10.188	13.546	24879875	180.593	300	ug/ml
Aliphatic C21-C28	13.547	17.200	156803413	1170	400	ug/ml
Aliphatic C28-C40	17.201	22.043	128830106	1000	600	ug/ml
Aliphatic EPH	3.138	22.043	320722740	2420		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	3016977	26.57		ug/ml
Aliphatic C9-C28	3.138	17.200	191892634	1420	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015027.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.72		0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.22		1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	43.3		2.12	2.82	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.8		40 - 140	96%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-01	Acq On:	14 Nov 2024 10:02
Client Sample ID:	B-3-1	Operator:	YP\AJ
Data file:	FF015027.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.173	932844	6.035	200	ug/ml
Aromatic C12-C16	6.174	9.065	5913565	38.51	300	ug/ml
Aromatic C16-C21	9.066	13.377	10513101	73.986	500	ug/ml
Aromatic C21-C36	13.378	18.821	84568165	612.631	800	ug/ml
Aromatic EPH	4.508	18.821	101927675	731.161		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	3974375	26.98		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	6363749	47.82		ug/ml
2-Flurobiphenyl (SURR)	8.867	8.867	4171730	46.77		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1DL	SDG No.:	P4768
Lab Sample ID:	P4768-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051227.D	5	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.27	J	2.01	5.30	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.69	J	1.27	3.53	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.3		1.59	5.30	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	85.6		4.24	7.06	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	84.4		9.53	10.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.48		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-01DL	Acq On:	14 Nov 2024 09:09
Client Sample ID:	B-3-1DL	Operator:	YP\AJ
Data file:	FE051227.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.135	6.753	900000	6.432	300	ug/ml
Aliphatic C12-C16	6.754	10.184	1069911	7.608	200	ug/ml
Aliphatic C16-C21	10.185	13.542	5568967	40.423	300	ug/ml
Aliphatic C21-C28	13.543	17.196	32494216	242.582	400	ug/ml
Aliphatic C28-C40	17.197	22.038	30792159	239.165	600	ug/ml
Aliphatic EPH	3.135	22.038	70825253	536.21		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.278	13.278	621620	5.48		ug/ml
Aliphatic C9-C28	3.135	17.196	40033094	297.045	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 23:13	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FE051213.D
Aliphatic C12-C16	Aliphatic C12-C16	0.67	J	1	0.25	0.70	mg/kg	FE051213.D
Aliphatic C16-C21	Aliphatic C16-C21	0.50	J	1	0.32	1.05	mg/kg	FE051213.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	J	1	0.84	1.40	mg/kg	FE051213.D
Aliphatic C28-C40	Aliphatic C28-C40	9.48		1	1.89	2.10	mg/kg	FE051213.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FF015013.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FF015013.D
Aromatic C16-C21	Aromatic C16-C21	1.53	J	1	1.01	1.75	mg/kg	FF015013.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FF015013.D
Total AliphaticEPH	Total AliphaticEPH	11.5			3.70	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	13.1			7.48	12.6	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051213.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.67	J	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.50	J	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.89	J	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		9.48		1.89	2.10	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.0		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-02	Acq On:	13 Nov 2024 23:13
Client Sample ID:	B-3-2	Operator:	YP\AJ
Data file:	FE051213.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	485188	3.468	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1340418	9.531	200	ug/ml
Aliphatic C16-C21	10.188	13.546	989856	7.185	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1700083	12.692	400	ug/ml
Aliphatic C28-C40	17.201	22.043	17419388	135.298	600	ug/ml
Aliphatic EPH	3.138	22.043	21934933	168.173		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3747520	33.01		ug/ml
Aliphatic C9-C28	3.138	17.200	4515545	32.876	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015013.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.53	J	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.2		40 - 140	90%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.3		40 - 140	45%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-02	Acq On:	13 Nov 2024 16:46
Client Sample ID:	B-3-2	Operator:	YP\AJ
Data file:	FF015013.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	416534	2.695	200	ug/ml
Aromatic C12-C16	6.373	9.063	577088	3.758	300	ug/ml
Aromatic C16-C21	9.064	13.374	3100877	21.822	500	ug/ml
Aromatic C21-C36	13.375	18.815	3083206	22.335	800	ug/ml
Aromatic EPH	4.508	18.815	7177705	50.611		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	3289488	22.33		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	6016654	45.21		ug/ml
2-Flurobiphenyl (SURR)	8.864	8.864	3832132	42.97		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 23:43	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.09	mg/kg	FE051214.D
Aliphatic C12-C16	Aliphatic C12-C16	0.67	J	1	0.26	0.73	mg/kg	FE051214.D
Aliphatic C16-C21	Aliphatic C16-C21	0.62	J	1	0.33	1.09	mg/kg	FE051214.D
Aliphatic C21-C28	Aliphatic C21-C28	0.87	U	1	0.87	1.45	mg/kg	FE051214.D
Aliphatic C28-C40	Aliphatic C28-C40	8.01		1	1.96	2.18	mg/kg	FE051214.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.73	mg/kg	FF015014.D
Aromatic C12-C16	Aromatic C12-C16	3.32		1	0.37	1.09	mg/kg	FF015014.D
Aromatic C16-C21	Aromatic C16-C21	1.74	J	1	1.05	1.81	mg/kg	FF015014.D
Aromatic C21-C36	Aromatic C21-C36	2.18	U	1	2.18	2.90	mg/kg	FF015014.D
Total AliphaticEPH	Total AliphaticEPH	9.30			3.83	6.54	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.06	J		3.93	6.53	mg/kg	
Total EPH	Total EPH	14.4			7.76	13.1	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051214.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	0.41	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.67	J	0.26	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.62	J	0.33	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.87	U	0.87	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.01		1.96	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-03	Acq On:	13 Nov 2024 23:43
Client Sample ID:	B-3-3	Operator:	YP\AJ
Data file:	FE051214.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	530517	3.792	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1296984	9.222	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1177354	8.546	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1148217	8.572	400	ug/ml
Aliphatic C28-C40	17.201	22.043	14204488	110.327	600	ug/ml
Aliphatic EPH	3.138	22.043	18357560	140.459		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3225263	28.41		ug/ml
Aliphatic C9-C28	3.138	17.200	4153072	30.132	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015014.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.33	U	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.32		0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.74	J	1.05	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.18	U	2.18	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.0		40 - 140	94%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	46.5		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.6		40 - 140	43%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-03	Acq On:	13 Nov 2024 17:14
Client Sample ID:	B-3-3	Operator:	YP\AJ
Data file:	FF015014.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	481088	3.112	200	ug/ml
Aromatic C12-C16	6.373	9.063	7028894	45.773	300	ug/ml
Aromatic C16-C21	9.064	13.374	3398527	23.917	500	ug/ml
Aromatic C21-C36	13.375	18.815	1930318	13.984	800	ug/ml
Aromatic EPH	4.508	18.815	12838827	86.786		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	3187830	21.64		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	6250433	46.97		ug/ml
2-Flurobiphenyl (SURR)	8.865	8.865	4148417	46.51		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 0:13	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FE051215.D
Aliphatic C12-C16	Aliphatic C12-C16	0.50	J	1	0.25	0.70	mg/kg	FE051215.D
Aliphatic C16-C21	Aliphatic C16-C21	0.42	J	1	0.32	1.05	mg/kg	FE051215.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FE051215.D
Aliphatic C28-C40	Aliphatic C28-C40	6.28		1	1.89	2.10	mg/kg	FE051215.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FF015015.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FF015015.D
Aromatic C16-C21	Aromatic C16-C21	1.71	J	1	1.01	1.75	mg/kg	FF015015.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FF015015.D
Total AliphaticEPH	Total AliphaticEPH	7.21			3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	8.91	J		7.47	12.6	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051215.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.50	J	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.42	J	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.28		1.89	2.10	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-04	Acq On:	14 Nov 2024 00:13
Client Sample ID:	B-4	Operator:	YP\AJ
Data file:	FE051215.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	437148	3.124	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1010109	7.182	200	ug/ml
Aliphatic C16-C21	10.188	13.546	833325	6.049	300	ug/ml
Aliphatic C21-C28	13.547	17.200	773806	5.777	400	ug/ml
Aliphatic C28-C40	17.201	22.043	11569803	89.864	600	ug/ml
Aliphatic EPH	3.138	22.043	14624191	111.996		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	5104845	44.96		ug/ml
Aliphatic C9-C28	3.138	17.200	3054388	22.132	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015015.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.71	J	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.9		40 - 140	100%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	49.2		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.2		40 - 140	80%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-04	Acq On:	13 Nov 2024 17:43
Client Sample ID:	B-4	Operator:	YP\AJ
Data file:	FF015015.D	Misc:	
Instrument:	FID_F	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	420100	2.718	200	ug/ml
Aromatic C12-C16	6.373	9.063	573233	3.733	300	ug/ml
Aromatic C16-C21	9.064	13.374	3475811	24.461	500	ug/ml
Aromatic C21-C36	13.375	18.815	1966535	14.246	800	ug/ml
Aromatic EPH	4.508	18.815	6435679	45.158		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	5921184	40.2		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	6641894	49.91		ug/ml
2-Flurobiphenyl (SURR)	8.866	8.866	4384160	49.16		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 0:43	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.42	U	1	0.42	1.11	mg/kg	FE051216.D
Aliphatic C12-C16	Aliphatic C12-C16	0.59	J	1	0.27	0.74	mg/kg	FE051216.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.33	1.11	mg/kg	FE051216.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.48	mg/kg	FE051216.D
Aliphatic C28-C40	Aliphatic C28-C40	5.68		1	1.99	2.22	mg/kg	FE051216.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.74	mg/kg	FF015016.D
Aromatic C12-C16	Aromatic C12-C16	2.14		1	0.38	1.11	mg/kg	FF015016.D
Aromatic C16-C21	Aromatic C16-C21	1.88		1	1.06	1.85	mg/kg	FF015016.D
Aromatic C21-C36	Aromatic C21-C36	2.22	U	1	2.22	2.96	mg/kg	FF015016.D
Total AliphaticEPH	Total AliphaticEPH	6.86			3.90	6.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.02	J		3.99	6.66	mg/kg	
Total EPH	Total EPH	10.9	J		7.88	13.3	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051216.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.42	U	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.59	J	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.60	J	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.89	U	0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.68		1.99	2.22	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-05	Acq On:	14 Nov 2024 00:43
Client Sample ID:	B-5	Operator:	YP\AJ
Data file:	FE051216.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	427644	3.056	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1113798	7.92	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1112882	8.078	300	ug/ml
Aliphatic C21-C28	13.547	17.200	831204	6.205	400	ug/ml
Aliphatic C28-C40	17.201	22.043	9905179	76.934	600	ug/ml
Aliphatic EPH	3.138	22.043	13390707	102.194		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	4891539	43.09		ug/ml
Aliphatic C9-C28	3.138	17.200	3485528	25.259	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015016.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.33	U	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.14		0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.88		1.06	1.85	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.22	U	2.22	2.96	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	43.9		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.1		40 - 140	66%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-05	Acq On:	13 Nov 2024 18:11
Client Sample ID:	B-5	Operator:	YP\AJ
Data file:	FF015016.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	435444	2.817	200	ug/ml
Aromatic C12-C16	6.373	9.063	4456092	29.018	300	ug/ml
Aromatic C16-C21	9.064	13.374	3620167	25.477	500	ug/ml
Aromatic C21-C36	13.375	18.815	1382358	10.014	800	ug/ml
Aromatic EPH	4.508	18.815	9894061	67.327		ug/ml
ortho-Terphenyl (SURR)	11.926	11.926	4877762	33.12		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	5873441	44.13		ug/ml
2-Flurobiphenyl (SURR)	8.865	8.865	3913034	43.87		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 1:14	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.62	J	1	0.40	1.06	mg/kg	FE051217.D
Aliphatic C12-C16	Aliphatic C12-C16	0.63	J	1	0.25	0.71	mg/kg	FE051217.D
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	1	0.32	1.06	mg/kg	FE051217.D
Aliphatic C21-C28	Aliphatic C21-C28	0.85	U	1	0.85	1.41	mg/kg	FE051217.D
Aliphatic C28-C40	Aliphatic C28-C40	8.36		1	1.91	2.12	mg/kg	FE051217.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.71	mg/kg	FF015017.D
Aromatic C12-C16	Aromatic C12-C16	5.94		1	0.36	1.06	mg/kg	FF015017.D
Aromatic C16-C21	Aromatic C16-C21	5.82		1	1.02	1.77	mg/kg	FF015017.D
Aromatic C21-C36	Aromatic C21-C36	8.16		1	2.12	2.83	mg/kg	FF015017.D
Total AliphaticEPH	Total AliphaticEPH	10.2			3.73	6.36	mg/kg	
Total AromaticEPH	Total AromaticEPH	19.9			3.82	6.37	mg/kg	
Total EPH	Total EPH	30.1			7.55	12.7	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051217.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.62	J	0.40	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.63	J	0.25	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	0.32	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.85	U	0.85	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.36		1.91	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-06	Acq On:	14 Nov 2024 01:14
Client Sample ID:	B-6-2	Operator:	YP\AJ
Data file:	FE051217.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	1226740	8.768	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1261251	8.968	200	ug/ml
Aliphatic C16-C21	10.188	13.546	1066873	7.744	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1281396	9.566	400	ug/ml
Aliphatic C28-C40	17.201	22.043	15248742	118.438	600	ug/ml
Aliphatic EPH	3.138	22.043	20085002	153.484		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3664720	32.28		ug/ml
Aliphatic C9-C28	3.138	17.200	4836260	35.046	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015017.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.94		0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.82		1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	8.16		2.12	2.83	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.1		40 - 140	106%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	53.0		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-06	Acq On:	13 Nov 2024 18:39
Client Sample ID:	B-6-2	Operator:	YP\AJ
Data file:	FF015017.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	612295	3.961	200	ug/ml
Aromatic C12-C16	6.373	9.063	12912613	84.088	300	ug/ml
Aromatic C16-C21	9.064	13.374	11709550	82.406	500	ug/ml
Aromatic C21-C36	13.375	18.815	15943860	115.501	800	ug/ml
Aromatic EPH	4.508	18.815	41178318	285.956		ug/ml
ortho-Terphenyl (SURR)	11.926	11.926	3957060	26.87		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	7064149	53.08		ug/ml
2-Flurobiphenyl (SURR)	8.866	8.866	4727508	53.01		ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 17:52	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.42	J	1	0.40	1.05	mg/kg	FC067738.D
Aliphatic C12-C16	Aliphatic C12-C16	0.53	J	1	0.25	0.70	mg/kg	FC067738.D
Aliphatic C16-C21	Aliphatic C16-C21	0.40	J	1	0.31	1.05	mg/kg	FC067738.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067738.D
Aliphatic C28-C40	Aliphatic C28-C40	6.13		1	1.88	2.09	mg/kg	FC067738.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048719.D
Aromatic C12-C16	Aromatic C12-C16	0.76	J	1	0.36	1.05	mg/kg	FD048719.D
Aromatic C16-C21	Aromatic C16-C21	11.0		1	1.00	1.74	mg/kg	FD048719.D
Aromatic C21-C36	Aromatic C21-C36	13.1		1	2.09	2.79	mg/kg	FD048719.D
Total AliphaticEPH	Total AliphaticEPH	7.48			3.68	6.29	mg/kg	
Total AromaticEPH	Total AromaticEPH	24.9			3.76	6.28	mg/kg	
Total EPH	Total EPH	32.3			7.44	12.6	mg/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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067738.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.42	J	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.53	J	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.40	J	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.13		1.88	2.09	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		50.3		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-07	Acq On:	13 Nov 2024 17:52
Client Sample ID:	B-6-3	Operator:	YP/AJ
Data file:	FC067738.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	822988	6.075	300	ug/ml
Aliphatic C12-C16	6.448	9.836	1005838	7.638	200	ug/ml
Aliphatic C16-C21	9.837	13.192	723566	5.687	300	ug/ml
Aliphatic C21-C28	13.193	16.845	1355381	11.286	400	ug/ml
Aliphatic C28-C40	16.846	21.681	8878743	87.827	600	ug/ml
Aliphatic EPH	3.169	21.681	12786516	118.514		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.926	12.926	5434579	50.33		ug/ml
Aliphatic C9-C28	3.169	16.845	3907773	30.686	1200	ug/ml

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048719.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.76	J	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	11.0		1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	13.1		2.09	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.2		40 - 140	86%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	42.2		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.1		40 - 140	44%	SPK: 50

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-07	Acq On:	13 Nov 2024 17:52
Client Sample ID:	B-6-3	Operator:	YP/AJ
Data file:	FD048719.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.089	5.807	527436	2.993	200	ug/ml
Aromatic C12-C16	5.808	8.412	1938839	10.937	300	ug/ml
Aromatic C16-C21	8.413	12.673	25825021	157.631	500	ug/ml
Aromatic C21-C36	12.674	18.078	28696470	187.911	800	ug/ml
Aromatic EPH	4.089	18.078	56987766	359.472		ug/ml
ortho-Terphenyl (SURR)	11.249	11.249	3773518	22.15		ug/ml
2-Bromonaphthalene (SURR)	7.366	7.366	6559605	43.22		ug/ml
2-Flurobiphenyl (SURR)	8.216	8.216	4139882	42.16		ug/ml

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

LAB CHRONICLE

OrderID:	P4768	**OrderDate:**	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	**Project:**	Trenton Youth Wrestling
Contact:	Paul Rotondi	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	**B-3-1**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
P4768-01DL	**B-3-1DL**	**Solid**			**11/07/24**			**11/07/24**
			EPH	NJEPH		11/13/24	11/14/24	
P4768-02	**B-3-2**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
P4768-03	**B-3-3**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
P4768-04	**B-4**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4768-05	**B-5**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4768-06	**B-6-2**	**SOIL**			**11/07/24**			**11/07/24**
			PCB	8082A		11/08/24	11/08/24	
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4768-07	**B-6-3**	**SOIL**			**11/07/24**			**11/07/24**

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

LAB CHRONICLE

PCB	8082A	11/08/24	11/08/24
EPH	NJEPH	11/13/24	11/13/24

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.: P4768 **Order ID:** P4768

Client: JPCL Engineering **Project ID:** Trenton Youth Wrestling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-3-1								
P4768-01	B-3-1	SOIL	Arsenic	6.81		0.28	0.97	mg/Kg
P4768-01	B-3-1	SOIL	Barium	31.6		0.62	4.85	mg/Kg
P4768-01	B-3-1	SOIL	Cadmium	2.39		0.016	0.29	mg/Kg
P4768-01	B-3-1	SOIL	Chromium	36.7		0.052	0.49	mg/Kg
P4768-01	B-3-1	SOIL	Lead	6.89		0.14	0.58	mg/Kg
P4768-01	B-3-1	SOIL	Mercury	0.019		0.0060	0.013	mg/Kg
P4768-01	B-3-1	SOIL	Silver	0.44	J	0.050	0.49	mg/Kg
Client ID : B-3-2								
P4768-02	B-3-2	SOIL	Arsenic	2.36		0.28	0.96	mg/Kg
P4768-02	B-3-2	SOIL	Barium	26.0		0.61	4.78	mg/Kg
P4768-02	B-3-2	SOIL	Cadmium	0.58		0.015	0.29	mg/Kg
P4768-02	B-3-2	SOIL	Chromium	9.12		0.052	0.48	mg/Kg
P4768-02	B-3-2	SOIL	Lead	13.0		0.14	0.57	mg/Kg
P4768-02	B-3-2	SOIL	Mercury	0.14		0.0060	0.013	mg/Kg
P4768-02	B-3-2	SOIL	Silver	0.32	J	0.050	0.48	mg/Kg
Client ID : B-3-3								
P4768-03	B-3-3	SOIL	Arsenic	2.83		0.29	1.00	mg/Kg
P4768-03	B-3-3	SOIL	Barium	39.7		0.64	5.02	mg/Kg
P4768-03	B-3-3	SOIL	Cadmium	1.21		0.016	0.30	mg/Kg
P4768-03	B-3-3	SOIL	Chromium	23.9		0.054	0.50	mg/Kg
P4768-03	B-3-3	SOIL	Lead	14.9		0.15	0.60	mg/Kg
P4768-03	B-3-3	SOIL	Mercury	0.016		0.0060	0.013	mg/Kg
P4768-03	B-3-3	SOIL	Silver	0.42	J	0.052	0.50	mg/Kg
Client ID : B-4								
P4768-04	B-4	SOIL	Arsenic	3.74		0.25	0.87	mg/Kg
P4768-04	B-4	SOIL	Barium	22.7		0.56	4.36	mg/Kg
P4768-04	B-4	SOIL	Cadmium	1.17		0.014	0.26	mg/Kg
P4768-04	B-4	SOIL	Chromium	9.27		0.047	0.44	mg/Kg
P4768-04	B-4	SOIL	Lead	7.22		0.13	0.52	mg/Kg
P4768-04	B-4	SOIL	Mercury	0.28		0.0060	0.012	mg/Kg
P4768-04	B-4	SOIL	Silver	0.32	J	0.045	0.44	mg/Kg
Client ID : B-5								
P4768-05	B-5	SOIL	Arsenic	0.42	J	0.26	0.91	mg/Kg
P4768-05	B-5	SOIL	Barium	58.2		0.58	4.54	mg/Kg
P4768-05	B-5	SOIL	Cadmium	0.95		0.015	0.27	mg/Kg

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

Hit Summary Sheet
SW-846

SDG No.: P4768 **Order ID:** P4768

Client: JPCL Engineering **Project ID:** Trenton Youth Wrestling

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-05	B-5	SOIL	Chromium	14.4		0.049	0.45	mg/Kg
P4768-05	B-5	SOIL	Lead	6.38		0.14	0.54	mg/Kg
P4768-05	B-5	SOIL	Silver	0.32	J	0.047	0.45	mg/Kg
Client ID : B-6-2								
P4768-06	B-6-2	SOIL	Arsenic	4.17		0.29	0.99	mg/Kg
P4768-06	B-6-2	SOIL	Barium	83.2		0.63	4.93	mg/Kg
P4768-06	B-6-2	SOIL	Cadmium	0.88		0.016	0.30	mg/Kg
P4768-06	B-6-2	SOIL	Chromium	12.1		0.053	0.49	mg/Kg
P4768-06	B-6-2	SOIL	Lead	73.1		0.15	0.59	mg/Kg
P4768-06	B-6-2	SOIL	Mercury	0.63		0.0070	0.015	mg/Kg
P4768-06	B-6-2	SOIL	Silver	0.33	J	0.051	0.49	mg/Kg
Client ID : B-6-3								
P4768-07	B-6-3	SOIL	Arsenic	3.97		0.26	0.90	mg/Kg
P4768-07	B-6-3	SOIL	Barium	66.5		0.58	4.50	mg/Kg
P4768-07	B-6-3	SOIL	Cadmium	0.95		0.014	0.27	mg/Kg
P4768-07	B-6-3	SOIL	Chromium	10.3		0.049	0.45	mg/Kg
P4768-07	B-6-3	SOIL	Lead	63.9		0.14	0.54	mg/Kg
P4768-07	B-6-3	SOIL	Silver	0.32	J	0.047	0.45	mg/Kg

SAMPLE DATA

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	6.81		1	0.28	0.97	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-39-3	Barium	31.6		1	0.62	4.85	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-43-9	Cadmium	2.39		1	0.016	0.29	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-47-3	Chromium	36.7		1	0.052	0.49	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7439-92-1	Lead	6.89		1	0.14	0.58	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7439-97-6	Mercury	0.019		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:27	SW7471B	
7782-49-2	Selenium	0.32	U	1	0.32	0.97	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050
7440-22-4	Silver	0.44	J	1	0.050	0.49	mg/Kg	11/08/24 13:00	11/14/24 16:45	SW6010	SW3050

Color Before:	Green	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	2.36		1	0.28	0.96	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-39-3	Barium	26.0		1	0.61	4.78	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-43-9	Cadmium	0.58		1	0.015	0.29	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-47-3	Chromium	9.12		1	0.052	0.48	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7439-92-1	Lead	13.0		1	0.14	0.57	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7439-97-6	Mercury	0.14		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:29	SW7471B	
7782-49-2	Selenium	0.32	U	1	0.32	0.96	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.050	0.48	mg/Kg	11/08/24 13:00	11/14/24 16:50	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	2.83		1	0.29	1.00	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-39-3	Barium	39.7		1	0.64	5.02	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-43-9	Cadmium	1.21		1	0.016	0.30	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-47-3	Chromium	23.9		1	0.054	0.50	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7439-92-1	Lead	14.9		1	0.15	0.60	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7439-97-6	Mercury	0.016		1	0.0060	0.013	mg/Kg	11/11/24 16:40	11/12/24 11:32	SW7471B	
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050
7440-22-4	Silver	0.42	J	1	0.052	0.50	mg/Kg	11/08/24 13:00	11/14/24 17:14	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	3.74		1	0.25	0.87	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-39-3	Barium	22.7		1	0.56	4.36	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-43-9	Cadmium	1.17		1	0.014	0.26	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-47-3	Chromium	9.27		1	0.047	0.44	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7439-92-1	Lead	7.22		1	0.13	0.52	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7439-97-6	Mercury	0.28		1	0.0060	0.012	mg/Kg	11/11/24 16:40	11/12/24 11:34	SW7471B	
7782-49-2	Selenium	0.29	U	1	0.29	0.87	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.045	0.44	mg/Kg	11/08/24 13:00	11/14/24 17:18	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.42	J	1	0.26	0.91	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-39-3	Barium	58.2		1	0.58	4.54	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-43-9	Cadmium	0.95		1	0.015	0.27	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-47-3	Chromium	14.4		1	0.049	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7439-92-1	Lead	6.38		1	0.14	0.54	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 11:44	SW7471B	
7782-49-2	Selenium	0.30	U	1	0.30	0.91	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.047	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:31	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	4.17		1	0.29	0.99	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-39-3	Barium	83.2		1	0.63	4.93	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-43-9	Cadmium	0.88		1	0.016	0.30	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-47-3	Chromium	12.1		1	0.053	0.49	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7439-92-1	Lead	73.1		1	0.15	0.59	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7439-97-6	Mercury	0.63		1	0.0070	0.015	mg/Kg	11/11/24 16:40	11/12/24 11:46	SW7471B	
7782-49-2	Selenium	0.33	U	1	0.33	0.99	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050
7440-22-4	Silver	0.33	J	1	0.051	0.49	mg/Kg	11/08/24 13:00	11/14/24 17:35	SW6010	SW3050

Color Before:	Green	Clarity Before:		Texture:	Medium
Color After:	Dark Grey	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	3.97		1	0.26	0.90	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-39-3	Barium	66.5		1	0.58	4.50	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-43-9	Cadmium	0.95		1	0.014	0.27	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-47-3	Chromium	10.3		1	0.049	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7439-92-1	Lead	63.9		1	0.14	0.54	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	11/11/24 16:40	11/12/24 11:48	SW7471B	
7782-49-2	Selenium	0.30	U	1	0.30	0.90	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.047	0.45	mg/Kg	11/08/24 13:00	11/14/24 17:39	SW6010	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Dark Grey	Clarity After:		Artifacts:	
Comments:	METALS RCRA				

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:	P4768	**OrderDate:**	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	**Project:**	Trenton Youth Wrestling
Contact:	Paul Rotondi	**Location:**	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	**B-3-1**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-02	**B-3-2**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-03	**B-3-3**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-04	**B-4**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-05	**B-5**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-06	**B-6-2**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	
P4768-07	**B-6-3**	**SOIL**			**11/07/24**			**11/07/24**
			Mercury	7471B		11/11/24	11/12/24	
			Metals ICP-RCRA	6010D		11/08/24	11/14/24	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. P4768
COC Number 2046207

10
10.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: IPCL Engineering
ADDRESS: 2 Cleveco LN, Bldg 2
CITY Hillsborough STATE: NJ ZIP: 08844
ATTENTION: Paul Rotondi
PHONE: 609-203-3846 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: Trenton Youth Wrestling
PROJECT NO.: LOCATION: Trenton
PROJECT MANAGER: Paul Rotondi
e-mail: PRotondi@IPCLengineering.com
PHONE: 609-203-3846 FAX:

CLIENT BILLING INFORMATION

BILL TO: See Client 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

DATA DELIVERABLE INFORMATION

- [X] Level 1 (Results Only)
- [ ] Level 2 (Results + QC)
- [ ] Level 3 (Results + QC + Raw Data)
- [ ] EDD FORMAT _____
- [ ] Level 4 (QC + Full Raw Data)
- [ ] NJ Reduced
- [ ] NYS ASP A
- [ ] NYS ASP B
- [ ] US EPA CLP
- [ ] Other _____

ANALYSIS

1: VOC 8260
2: EPH
3: Metals
4: PCBs
5: SVOCs
6
7
8
9

ALLIANCE 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.	B-3 #1	Soil		X	11/7	9:49	4	3	1	1	1	1					
2.	B-3 #2			X	11/7	9:54	6	3	3	3	3	3					
3.	B-3 #3			X	11/7	10:01	6	3	3	3	3	3					
4.	B-4			X	11/7	9:07	5	3	2	2	2	2					
5.	B-5			X	11/7	9:26	5	3	2	2	2	2					
6.	B-6 #2			X	11/7	10:33	5	3	2	2	2	2					
7.	B-6 #3			X	11/7	10:36	5	3	2	2	2	2					
8.																	
9.																	
10.																	

PRESERVATIVES: ← 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. MA	11-7-24 1340	1. CR
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: [ ] COMPLIANT [ ] NON COMPLIANT [ ] COOLER TEMP 1.9 °C
Comments: NORMAL TAT
If Error #1

Page ___ of ___
CLIENT: [X] Hand Delivered [ ] Other
Shipment Complete [ ] YES [ ] NO

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

10
10.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	P4768 JPCL01	**Order Date :**	11/7/2024 1:45:00 PM	**Project Mgr :**	Yazmeen
Client Name :	JPCL Engineering	**Project Name :**	Trenton Youth Wrestling	**Report Type :**	Level 1
Client Contact :	Paul Rotondi	**Receive DateTime :**	11/7/2024 1:40:00 PM	**EDD Type :**	Excel NY
Invoice Name :	JPCL Engineering	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Paul Rotondi			**Date Signoff :**	11/7/2024 3:37:57 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4768-01	B-3-1	Solid	11/07/2024	09:49					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-02	B-3-2	Solid	11/07/2024	09:54					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-03	B-3-3	Solid	11/07/2024	10:01					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-04	B-4	Solid	11/07/2024	09:07					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-05	B-5	Solid	11/07/2024	09:26					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-06	B-6-2	Solid	11/07/2024	10:33					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
P4768-07	B-6-3	Solid	11/07/2024	10:36					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	P4768 JPCL01	**Order Date :**	11/7/2024 1:45:00 PM	**Project Mgr :**	Yazmeen
Client Name :	JPCL Engineering	**Project Name :**	Trenton Youth Wrestling	**Report Type :**	Level 1
Client Contact :	Paul Rotondi	**Receive DateTime :**	11/7/2024 1:40:00 PM	**EDD Type :**	Excel NY
Invoice Name :	JPCL Engineering	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Paul Rotondi			**Date Signoff :**	11/7/2024 3:37:57 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : _____
Date / Time : 11/7/24 1605

Received By : Romer
Date / Time : 4:35 PM 11/07/24
Storage Area : VOA Refridgerator Room