

Hit Summary Sheet
SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	TRENCH							
Q2600-03	TRENCH	SOIL	Methylcyclohexane	280		49.9	270	ug/Kg
Q2600-03	TRENCH	SOIL	Isopropylbenzene	280		42.8	270	ug/Kg
			Total Voc :			560		
Q2600-03	TRENCH	SOIL	Benzene, 1,2-diethyl-	* 4500	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	o-Cymene	* 6200	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Cyclohexane, (1-methylethyl)-	* 7800	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Benzene, 1-ethyl-2,3-dimethyl-	* 7100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Octane, 2,6-dimethyl-	* 5100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Cyclohexane, 1,4-dimethyl-, tr	* 4600	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Benzene, (2-methyl-2-propenyl	* 5800	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	2-Octene, 2,6-dimethyl-	* 4700	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	Oxalic acid, cyclohexylmethyl	* 6100	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	unknown11.628	* 4500	J	0	0	ug/Kg
Q2600-03	TRENCH	SOIL	sec-Butylbenzene	* 1200	J	36.2	270	ug/Kg
Q2600-03	TRENCH	SOIL	n-Butylbenzene	* 820	J	79.6	270	ug/Kg
			Total Tics :			58400		
			Total Concentration:			59000		
Client ID:	STOCK-PILE							
Q2600-07	STOCK-PILE	SOIL	Cyclohexane	46.1	J	34.9	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Methylcyclohexane	530		40.1	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Ethyl Benzene	72.2	J	29.6	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Isopropylbenzene	300		34.4	220	ug/Kg
			Total Voc :			948		
Q2600-07	STOCK-PILE	SOIL	Benzene, 1,2-diethyl-	* 3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, 1-methyl-3-(1-methyl	* 3300	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Cyclohexane, (1-methylethyl)-	* 6700	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, (2-methyl-1-propenyl	* 3400	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Benzene, 1-ethyl-2,3-dimethyl-	* 4100	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	2-Octene, 2,6-dimethyl-	* 2900	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Cyclohexane, 1-ethyl-2-methyl	* 3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Octane, 3,6-dimethyl-	* 4400	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	3-Hexene, 3-ethyl-2,5-dimethyl	* 3000	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	Oxalic acid, butyl cyclohexylm	* 4300	J	0	0	ug/Kg
Q2600-07	STOCK-PILE	SOIL	n-propylbenzene	* 400	J	32.2	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	sec-Butylbenzene	* 960	J	29.1	220	ug/Kg
Q2600-07	STOCK-PILE	SOIL	n-Butylbenzene	* 680	J	64.0	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2600

Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				40100				
Total Concentration:				41100				
Client ID:	END-OF-TRENCH							
Q2600-11	END-OF-TRENCH SOIL	Cyclohexane		3800		46.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Methylcyclohexane		51500	E	53.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Toluene		93.9	J	45.4	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Ethyl Benzene		9800	E	39.0	290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	m/p-Xylenes		930		72.2	580	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Isopropylbenzene		8300		45.4	290	ug/Kg
Total Voc :				74400				
Q2600-11	END-OF-TRENCH SOIL	Heptane, 3-methyl-	* 16300	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	trans-1,2-Diethyl cyclopentane	* 19400	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Cyclohexane, ethyl-	* 19100	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Cyclohexane, propyl-	* 33200	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Octane, 2,6-dimethyl-	* 28400	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Heptane, 2,5-dimethyl-	* 17300	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Octane, 4-methyl-	* 20100	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Cyclohexane, 1,1,3-trimethyl-	* 16200	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	Octane, 2-methyl-	* 16800	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	unknown9.823	* 19400	J	0		0	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	n-propylbenzene	* 35200	J	42.5		290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	1,2,4-Trimethylbenzene	* 25900	J	37.3		290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	sec-Butylbenzene	* 6300	J	38.5		290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	p-Isopropyltoluene	* 1100	J	36.1		290	ug/Kg
Q2600-11	END-OF-TRENCH SOIL	n-Butylbenzene	* 8200	J	84.5		290	ug/Kg
Total Tics :				283000				
Total Concentration:				357000				
Client ID:	END-OF-TRENCHDL							
Q2600-11DL	END-OF-TRENCH SOIL	Cyclohexane		3400	JD	920	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL	Methylcyclohexane		53000	D	1100	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL	Ethyl Benzene		9800	D	780	5800	ug/Kg
Q2600-11DL	END-OF-TRENCH SOIL	Isopropylbenzene		8800	D	910	5800	ug/Kg
Total Voc :				75000				
Total Concentration:				75000				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.2	
Sample Wt/Vol:	5.68	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	62.6	U	62.6	270	ug/Kg
74-87-3	Chloromethane	62.6	U	62.6	270	ug/Kg
75-01-4	Vinyl Chloride	43.4	U	43.4	270	ug/Kg
74-83-9	Bromomethane	58.7	U	58.7	270	ug/Kg
75-00-3	Chloroethane	69.1	U	69.1	270	ug/Kg
75-69-4	Trichlorofluoromethane	66.4	U	66.4	270	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	58.2	U	58.2	270	ug/Kg
75-35-4	1,1-Dichloroethene	54.9	U	54.9	270	ug/Kg
67-64-1	Acetone	260	U	260	1400	ug/Kg
75-15-0	Carbon Disulfide	58.2	U	58.2	270	ug/Kg
1634-04-4	Methyl tert-butyl Ether	40.1	U	40.1	270	ug/Kg
79-20-9	Methyl Acetate	84.5	UQ	84.5	270	ug/Kg
75-09-2	Methylene Chloride	190	U	190	550	ug/Kg
156-60-5	trans-1,2-Dichloroethene	47.2	U	47.2	270	ug/Kg
75-34-3	1,1-Dichloroethane	43.9	U	43.9	270	ug/Kg
110-82-7	Cyclohexane	43.4	U	43.4	270	ug/Kg
78-93-3	2-Butanone	360	UQ	360	1400	ug/Kg
56-23-5	Carbon Tetrachloride	53.2	U	53.2	270	ug/Kg
156-59-2	cis-1,2-Dichloroethene	41.2	U	41.2	270	ug/Kg
74-97-5	Bromochloromethane	63.1	U	63.1	270	ug/Kg
67-66-3	Chloroform	46.1	U	46.1	270	ug/Kg
71-55-6	1,1,1-Trichloroethane	51.0	U	51.0	270	ug/Kg
108-87-2	Methylcyclohexane	280		49.9	270	ug/Kg
71-43-2	Benzene	43.4	U	43.4	270	ug/Kg
107-06-2	1,2-Dichloroethane	43.4	U	43.4	270	ug/Kg
79-01-6	Trichloroethene	44.5	U	44.5	270	ug/Kg
78-87-5	1,2-Dichloropropane	49.9	U	49.9	270	ug/Kg
75-27-4	Bromodichloromethane	42.8	U	42.8	270	ug/Kg
108-10-1	4-Methyl-2-Pentanone	200	UQ	200	1400	ug/Kg
108-88-3	Toluene	42.8	U	42.8	270	ug/Kg

Report of Analysis

Client:	T&A Construction Inc			Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main			Date Received:	07/14/25
Client Sample ID:	TRENCH			SDG No.:	Q2600
Lab Sample ID:	Q2600-03			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	80.2
Sample Wt/Vol:	5.68	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:	100		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID :	0.18	Level :	MED
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

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Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.2	
Sample Wt/Vol:	5.68	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047011.D	1	07/15/25 18:31	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002051-30-1	Octane, 2,6-dimethyl-	5100	J		10.8	ug/Kg
000696-29-7	Cyclohexane, (1-methylethyl)-	7800	J		10.9	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	4700	J		11.2	ug/Kg
002207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	4600	J		11.4	ug/Kg
1000383-25-7	unknown11.628	4500	J		11.6	ug/Kg
135-98-8	sec-Butylbenzene	1200	J		11.9	ug/Kg
000135-01-3	Benzene, 1,2-diethyl-	4500	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	820	J		12.3	ug/Kg
1000309-68-4	Oxalic acid, cyclohexylmethyl octy	6100	J		12.4	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	7100	J		12.6	ug/Kg
003290-53-7	Benzene, (2-methyl-2-propenyl)-	5800	J		12.7	ug/Kg
000527-84-4	o-Cymene	6200	J		13.3	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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	83.7	
Sample Wt/Vol:	6.77	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	50.3	U	50.3	220	ug/Kg
74-87-3	Chloromethane	50.3	U	50.3	220	ug/Kg
75-01-4	Vinyl Chloride	34.9	U	34.9	220	ug/Kg
74-83-9	Bromomethane	47.2	U	47.2	220	ug/Kg
75-00-3	Chloroethane	55.6	U	55.6	220	ug/Kg
75-69-4	Trichlorofluoromethane	53.4	U	53.4	220	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	46.8	U	46.8	220	ug/Kg
75-35-4	1,1-Dichloroethene	44.1	U	44.1	220	ug/Kg
67-64-1	Acetone	210	U	210	1100	ug/Kg
75-15-0	Carbon Disulfide	46.8	U	46.8	220	ug/Kg
1634-04-4	Methyl tert-butyl Ether	32.2	U	32.2	220	ug/Kg
79-20-9	Methyl Acetate	67.9	UQ	67.9	220	ug/Kg
75-09-2	Methylene Chloride	160	U	160	440	ug/Kg
156-60-5	trans-1,2-Dichloroethene	37.9	U	37.9	220	ug/Kg
75-34-3	1,1-Dichloroethane	35.3	U	35.3	220	ug/Kg
110-82-7	Cyclohexane	46.1	J	34.9	220	ug/Kg
78-93-3	2-Butanone	290	UQ	290	1100	ug/Kg
56-23-5	Carbon Tetrachloride	42.8	U	42.8	220	ug/Kg
156-59-2	cis-1,2-Dichloroethene	33.1	U	33.1	220	ug/Kg
74-97-5	Bromochloromethane	50.7	U	50.7	220	ug/Kg
67-66-3	Chloroform	37.1	U	37.1	220	ug/Kg
71-55-6	1,1,1-Trichloroethane	41.0	U	41.0	220	ug/Kg
108-87-2	Methylcyclohexane	530		40.1	220	ug/Kg
71-43-2	Benzene	34.9	U	34.9	220	ug/Kg
107-06-2	1,2-Dichloroethane	34.9	U	34.9	220	ug/Kg
79-01-6	Trichloroethene	35.7	U	35.7	220	ug/Kg
78-87-5	1,2-Dichloropropane	40.1	U	40.1	220	ug/Kg
75-27-4	Bromodichloromethane	34.4	U	34.4	220	ug/Kg
108-10-1	4-Methyl-2-Pentanone	160	UQ	160	1100	ug/Kg
108-88-3	Toluene	34.4	U	34.4	220	ug/Kg

Report of Analysis

Client:	T&A Construction Inc			Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main			Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE			SDG No.:	Q2600	
Lab Sample ID:	Q2600-07			Matrix:	SOIL	
Analytical Method:	8260D			% Solid:	83.7	
Sample Wt/Vol:	6.77	Units:	g	Final Vol:	5000	uL
Soil Aliquot Vol:	100		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID :	0.18	Level :	MED	
Prep Method :						

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	28.7	U	28.7	220	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	27.4	U	27.4	220	ug/Kg
79-00-5	1,1,2-Trichloroethane	40.6	U	40.6	220	ug/Kg
591-78-6	2-Hexanone	160	UQ	160	1100	ug/Kg
124-48-1	Dibromochloromethane	38.4	U	38.4	220	ug/Kg
106-93-4	1,2-Dibromoethane	38.8	U	38.8	220	ug/Kg
127-18-4	Tetrachloroethene	46.3	U	46.3	220	ug/Kg
108-90-7	Chlorobenzene	40.1	U	40.1	220	ug/Kg
100-41-4	Ethyl Benzene	72.2	J	29.6	220	ug/Kg
179601-23-1	m/p-Xylenes	54.7	U	54.7	440	ug/Kg
95-47-6	o-Xylene	36.2	U	36.2	220	ug/Kg
100-42-5	Styrene	31.3	U	31.3	220	ug/Kg
75-25-2	Bromoform	37.9	U	37.9	220	ug/Kg
98-82-8	Isopropylbenzene	300		34.4	220	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	53.4	U	53.4	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	75.4	U	75.4	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	68.8	U	68.8	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.0	U	64.0	220	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	81.2	UQ	81.2	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	220	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	140	U	140	220	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.4	63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4	70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	47.8	74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4	17 - 146	103%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	341000	5.556
540-36-3	1,4-Difluorobenzene	582000	6.763
3114-55-4	Chlorobenzene-d5	519000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	234000	12.018

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	83.7	
Sample Wt/Vol:	6.77	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047012.D	1	07/15/25 18:52	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
004923-78-8	Cyclohexane, 1-ethyl-2-methyl-, tr	3000	J		10.6	ug/Kg
015869-94-0	Octane, 3,6-dimethyl-	4400	J		10.8	ug/Kg
000696-29-7	Cyclohexane, (1-methylethyl)-	6700	J		10.9	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	2900	J		11.2	ug/Kg
103-65-1	n-propylbenzene	400	J		11.3	ug/Kg
062338-08-3	3-Hexene, 3-ethyl-2,5-dimethyl-	3000	J		11.4	ug/Kg
135-98-8	sec-Butylbenzene	960	J		11.9	ug/Kg
000135-01-3	Benzene, 1,2-diethyl-	3000	J		12.2	ug/Kg
104-51-8	n-Butylbenzene	680	J		12.3	ug/Kg
1000309-68-2	Oxalic acid, butyl cyclohexylmethy	4300	J		12.4	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	4100	J		12.6	ug/Kg
000768-49-0	Benzene, (2-methyl-1-propenyl)-	3400	J		12.7	ug/Kg
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	3300	J		13.3	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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	84.8	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	66.4	U	66.4	290	ug/Kg
74-87-3	Chloromethane	66.4	U	66.4	290	ug/Kg
75-01-4	Vinyl Chloride	46.0	U	46.0	290	ug/Kg
74-83-9	Bromomethane	62.3	U	62.3	290	ug/Kg
75-00-3	Chloroethane	73.4	U	73.4	290	ug/Kg
75-69-4	Trichlorofluoromethane	70.5	U	70.5	290	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	61.8	U	61.8	290	ug/Kg
75-35-4	1,1-Dichloroethene	58.3	U	58.3	290	ug/Kg
67-64-1	Acetone	280	U	280	1500	ug/Kg
75-15-0	Carbon Disulfide	61.8	U	61.8	290	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42.5	U	42.5	290	ug/Kg
79-20-9	Methyl Acetate	89.7	UQ	89.7	290	ug/Kg
75-09-2	Methylene Chloride	210	U	210	580	ug/Kg
156-60-5	trans-1,2-Dichloroethene	50.1	U	50.1	290	ug/Kg
75-34-3	1,1-Dichloroethane	46.6	U	46.6	290	ug/Kg
110-82-7	Cyclohexane	3800		46.0	290	ug/Kg
78-93-3	2-Butanone	380	UQ	380	1500	ug/Kg
56-23-5	Carbon Tetrachloride	56.5	U	56.5	290	ug/Kg
156-59-2	cis-1,2-Dichloroethene	43.7	U	43.7	290	ug/Kg
74-97-5	Bromochloromethane	67.0	U	67.0	290	ug/Kg
67-66-3	Chloroform	48.9	U	48.9	290	ug/Kg
71-55-6	1,1,1-Trichloroethane	54.2	U	54.2	290	ug/Kg
108-87-2	Methylcyclohexane	51500	E	53.0	290	ug/Kg
71-43-2	Benzene	46.0	U	46.0	290	ug/Kg
107-06-2	1,2-Dichloroethane	46.0	U	46.0	290	ug/Kg
79-01-6	Trichloroethene	47.2	U	47.2	290	ug/Kg
78-87-5	1,2-Dichloropropane	53.0	U	53.0	290	ug/Kg
75-27-4	Bromodichloromethane	45.4	U	45.4	290	ug/Kg
108-10-1	4-Methyl-2-Pentanone	210	UQ	210	1500	ug/Kg
108-88-3	Toluene	93.9	J	45.4	290	ug/Kg

Report of Analysis

Client:	T&A Construction Inc			Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main			Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH			SDG No.:	Q2600
Lab Sample ID:	Q2600-11			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	84.8
Sample Wt/Vol:	5.06	Units:	g	Final Vol:	5000 uL
Soil Aliquot Vol:	100		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID :	0.18	Level :	MED
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	37.9	U	37.9	290	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	36.1	U	36.1	290	ug/Kg
79-00-5	1,1,2-Trichloroethane	53.6	U	53.6	290	ug/Kg
591-78-6	2-Hexanone	210	UQ	210	1500	ug/Kg
124-48-1	Dibromochloromethane	50.7	U	50.7	290	ug/Kg
106-93-4	1,2-Dibromoethane	51.3	U	51.3	290	ug/Kg
127-18-4	Tetrachloroethene	61.2	U	61.2	290	ug/Kg
108-90-7	Chlorobenzene	53.0	U	53.0	290	ug/Kg
100-41-4	Ethyl Benzene	9800	E	39.0	290	ug/Kg
179601-23-1	m/p-Xylenes	930		72.2	580	ug/Kg
95-47-6	o-Xylene	47.8	U	47.8	290	ug/Kg
100-42-5	Styrene	41.4	U	41.4	290	ug/Kg
75-25-2	Bromoform	50.1	U	50.1	290	ug/Kg
98-82-8	Isopropylbenzene	8300		45.4	290	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	70.5	U	70.5	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.6	U	99.6	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.9	U	90.9	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	290	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	UQ	110	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170	U	170	290	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	190	U	190	290	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	49.7	63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8	70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	46.7	74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.2	17 - 146	116%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	301000	5.556
540-36-3	1,4-Difluorobenzene	484000	6.763
3114-55-4	Chlorobenzene-d5	369000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	181000	12.024

TENTATIVE IDENTIFIED COMPOUNDS

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-11		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	84.8	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047013.D	1	07/15/25 19:13	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000589-81-1	Heptane, 3-methyl-	16300	J		8.44	ug/Kg
003221-61-2	Octane, 2-methyl-	16800	J		9.38	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	17300	J		9.50	ug/Kg
001678-91-7	Cyclohexane, ethyl-	19100	J		9.56	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	16200	J		9.62	ug/Kg
007094-26-0	unknown9.823	19400	J		9.82	ug/Kg
002216-34-4	Octane, 4-methyl-	20100	J		9.90	ug/Kg
000932-40-1	trans-1,2-Diethyl cyclopentane	19400	J		10.6	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	28400	J		10.8	ug/Kg
001678-92-8	Cyclohexane, propyl-	33200	J		10.9	ug/Kg
103-65-1	n-propylbenzene	35200	J		11.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	25900	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	6300	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	1100	J		12.0	ug/Kg
104-51-8	n-Butylbenzene	8200	J		12.3	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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCHDL		SDG No.:	Q2600	
Lab Sample ID:	Q2600-11DL		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	84.8	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1300	UD	1300	5800	ug/Kg
74-87-3	Chloromethane	1300	UD	1300	5800	ug/Kg
75-01-4	Vinyl Chloride	920	UD	920	5800	ug/Kg
74-83-9	Bromomethane	1200	UD	1200	5800	ug/Kg
75-00-3	Chloroethane	1500	UD	1500	5800	ug/Kg
75-69-4	Trichlorofluoromethane	1400	UD	1400	5800	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1200	UD	1200	5800	ug/Kg
75-35-4	1,1-Dichloroethene	1200	UD	1200	5800	ug/Kg
67-64-1	Acetone	5500	UD	5500	29100	ug/Kg
75-15-0	Carbon Disulfide	1200	UD	1200	5800	ug/Kg
1634-04-4	Methyl tert-butyl Ether	850	UD	850	5800	ug/Kg
79-20-9	Methyl Acetate	1800	UDQ	1800	5800	ug/Kg
75-09-2	Methylene Chloride	4100	UD	4100	11700	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1000	UD	1000	5800	ug/Kg
75-34-3	1,1-Dichloroethane	930	UD	930	5800	ug/Kg
110-82-7	Cyclohexane	3400	JD	920	5800	ug/Kg
78-93-3	2-Butanone	7600	UDQ	7600	29100	ug/Kg
56-23-5	Carbon Tetrachloride	1100	UD	1100	5800	ug/Kg
156-59-2	cis-1,2-Dichloroethene	870	UD	870	5800	ug/Kg
74-97-5	Bromochloromethane	1300	UD	1300	5800	ug/Kg
67-66-3	Chloroform	980	UD	980	5800	ug/Kg
71-55-6	1,1,1-Trichloroethane	1100	UD	1100	5800	ug/Kg
108-87-2	Methylcyclohexane	53000	D	1100	5800	ug/Kg
71-43-2	Benzene	920	UD	920	5800	ug/Kg
107-06-2	1,2-Dichloroethane	920	UD	920	5800	ug/Kg
79-01-6	Trichloroethene	940	UD	940	5800	ug/Kg
78-87-5	1,2-Dichloropropane	1100	UD	1100	5800	ug/Kg
75-27-4	Bromodichloromethane	910	UD	910	5800	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4200	UD	4200	29100	ug/Kg
108-88-3	Toluene	910	UD	910	5800	ug/Kg

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCHDL		SDG No.:	Q2600	
Lab Sample ID:	Q2600-11DL		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	84.8	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	760	UD	760	5800	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	720	UD	720	5800	ug/Kg
79-00-5	1,1,2-Trichloroethane	1100	UD	1100	5800	ug/Kg
591-78-6	2-Hexanone	4300	UDQ	4300	29100	ug/Kg
124-48-1	Dibromochloromethane	1000	UD	1000	5800	ug/Kg
106-93-4	1,2-Dibromoethane	1000	UD	1000	5800	ug/Kg
127-18-4	Tetrachloroethene	1200	UD	1200	5800	ug/Kg
108-90-7	Chlorobenzene	1100	UD	1100	5800	ug/Kg
100-41-4	Ethyl Benzene	9800	D	780	5800	ug/Kg
179601-23-1	m/p-Xylenes	1400	UD	1400	11700	ug/Kg
95-47-6	o-Xylene	960	UD	960	5800	ug/Kg
100-42-5	Styrene	830	UD	830	5800	ug/Kg
75-25-2	Bromoform	1000	UD	1000	5800	ug/Kg
98-82-8	Isopropylbenzene	8800	D	910	5800	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1400	UD	1400	5800	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000	UD	2000	5800	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800	UD	1800	5800	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700	UD	1700	5800	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2100	UD	2100	5800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3500	UD	3500	5800	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3700	UD	3700	5800	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	47.6		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	321000	5.562			
540-36-3	1,4-Difluorobenzene	537000	6.769			
3114-55-4	Chlorobenzene-d5	482000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	237000	12.018			

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCHDL		SDG No.:	Q2600	
Lab Sample ID:	Q2600-11DL		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	84.8	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047021.D	20	07/16/25 11:50	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-03	TRENCH	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-04	TRENCH	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25
Q2600-07	STOCK-PILE	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-08	STOCK-PILE	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25
Q2600-11	END-OF-TRENCH	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-11DL	END-OF-TRENCHDL	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/16/25	07/14/25
Q2600-12	END-OF-TRENCH	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25

Hit Summary Sheet
SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2600-04	TRENCH TRENCH	TCLP	2-Butanone	5.70	JQ	0.98	25.0	ug/L
			Total Voc :	5.70				
			Total Concentration:	5.70				
Client ID: Q2600-08	STOCK-PILE STOCK-PILE	TCLP	2-Butanone	6.60	JQ	0.98	25.0	ug/L
			Total Voc :	6.60				
			Total Concentration:	6.60				
Client ID: Q2600-12	END-OF-TRENCH END-OF-TRENCH	TCLP	2-Butanone	7.00	JQ	0.98	25.0	ug/L
Q2600-12	END-OF-TRENCH	TCLP	Benzene	1.20	J	0.15	5.00	ug/L
			Total Voc :	8.20				
			Total Concentration:	8.20				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-04		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047026.D	1	07/16/25 13:42	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	5.70	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	5.562			
540-36-3	1,4-Difluorobenzene	802000	6.769			
3114-55-4	Chlorobenzene-d5	756000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	387000	12.018			

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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-08		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047027.D	1	07/16/25 14:03	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	6.60	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	467000	5.568			
540-36-3	1,4-Difluorobenzene	838000	6.769			
3114-55-4	Chlorobenzene-d5	804000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	413000	12.018			

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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-12		Matrix:	TCLP	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	TCLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :	SW5035				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047028.D	1	07/16/25 14:24	VX071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	7.00	JQ	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	1.20	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	368000	5.568			
540-36-3	1,4-Difluorobenzene	639000	6.769			
3114-55-4	Chlorobenzene-d5	581000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	283000	12.018			

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-03	TRENCH	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-04	TRENCH	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25
Q2600-07	STOCK-PILE	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-08	STOCK-PILE	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25
Q2600-11	END-OF-TRENCH	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/15/25	07/14/25
Q2600-11DL	END-OF-TRENCHDL	SOIL	VOC-TCLVOA-10	8260D	07/14/25		07/16/25	07/14/25
Q2600-12	END-OF-TRENCH	TCLP	TCLP VOA	8260D	07/14/25		07/16/25	07/14/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	75.5
Sample Wt/Vol:	6.4	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032137.D	50	07/16/25 12:57	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	38900		427	2330	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.0		50 - 150	120%	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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.1
Sample Wt/Vol:	5.52	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032141.D	250	07/16/25 15:34	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	98000		2280	12400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	59.1	*	50 - 150	296%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2
Sample Wt/Vol:	5.41	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032140.D	500	07/16/25 14:38	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	191000		4480	24500	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	SPK: 20

Comments:

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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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	STOCK-PILERE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	

LAB CHRONICLE

Q2600-09RE	END-OF-TRENCHRE	SOIL	Pesticide-TCL	8081B	07/15/25	07/15/25	07/14/25	07/14/25
			EPH	NJEPH	07/16/25	07/16/25		
			EPH	NJEPH	07/16/25	07/17/25		
Q2600-10	END-OF-TRENCH	TCLP	Pesticide-TCL	8081B	07/15/25	07/16/25	07/14/25	07/14/25
			TCLP Herbicide	8151A	07/16/25	07/17/25		
			TCLP Pesticide	8081B	07/16/25	07/17/25		

Hit Summary Sheet SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Client ID :	TRENCH								
Q2600-01	TRENCH	SOIL	Phenanthrene	450.000		27.6	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Anthracene	140.000	J	44	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Fluoranthene	400.000		39.6	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Pyrene	370.000		47.6	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Butylbenzylphthalate	340.000		94.3	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Benzo(a)anthracene	210.000	J	30.4	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Chrysene	180.000	J	26.3	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Bis(2-ethylhexyl)phthalate	120.000	J	78.2	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Benzo(b)fluoranthene	230.000		25.1	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Benzo(a)pyrene	180.000	J	39	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Indeno(1,2,3-cd)pyrene	91.500	J	38.4	220	ug/Kg	
Q2600-01	TRENCH	SOIL	Benzo(g,h,i)perylene	100.000	J	33.9	220	ug/Kg	
Total Svoc :				2,811.50					
Q2600-01	TRENCH	SOIL	Benzene, 1,4-diethyl-	*	430.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Benzene, 1-ethyl-3,5-dimethyl-	*	580.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	2-Bromotetradecane	*	680.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Adamantane	*	950.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Cyclohexane, 1-methyl-2-propyl-	*	550.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Cyclohexane, 1-methyl-3-propyl-	*	490.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Cyclohexane, butyl-	*	1,100.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Cyclohexane, propyl-	*	490.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Cyclooctanemethanol	*	370.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Tetratetracontane	*	580.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	trans-Decalin, 2-methyl-	*	500.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Tridecane, 5-propyl-	*	430.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Undecane, 2,9-dimethyl-	*	410.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	unknown7.531	*	360.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	unknown8.002	*	660.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	unknown8.637	*	440.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Naphthalene, decahydro-	*	720.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Naphthalene, decahydro-2-methyl	*	660.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Heptane, 2,4-dimethyl-	*	510.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	Heptane, 3-ethyl-5-methyl-	*	490.000	J	0	ug/Kg	
Q2600-01	TRENCH	SOIL	1-Methylnaphthalene	*	260.000	J	34.1	220	ug/Kg
Total Tics :				11,660.00					
Total Concentration:				14,471.50					

Client ID : STOCK-PILE

Hit Summary Sheet
SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2600-05	STOCK-PILE	SOIL	Butylbenzylphthalate	240.000		86.8	210	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Bis(2-ethylhexyl)phthalate	110.000	J	72	210	ug/Kg
Total Svoc :				350.00				
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,2,3,4-tetramethyl-	*	510.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,2,3,5-tetramethyl-	*	330.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1,3-diethyl-	*	350.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Benzene, 1-ethyl-3-(1-methylethy	*	400.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	1H-Indene, 2,3-dihydro-1,1-dimet	*	330.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, 1-methyl-3-(1-meth	*	440.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, butyl-	*	960.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclohexane, propyl-	*	410.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclooctanemethanol	*	300.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Cyclopentane, 3-hexyl-1,1-dimeth	*	620.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Eicosane	*	420.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Ethanone, 1-(1-methylcyclohexyl)	*	430.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Hexadecane, 2,6,10,14-tetramethy	*	420.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Naphthalene, decahydro-	*	580.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Naphthalene, decahydro-2-methyl	*	460.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	n-Hexadecanoic acid	*	550.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Octane, 2,6-dimethyl-	*	400.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Oxalic acid, isobutyl nonyl ester	*	380.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	Tridecane, 5-propyl-	*	320.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	unknown8.631	*	380.000	J	0	ug/Kg
Q2600-05	STOCK-PILE	SOIL	1-Methylnaphthalene	*	220.000	J	31.4	ug/Kg
Total Tics :				9,210.00				
Total Concentration:				9,560.00				
Client ID :	END-OF-TRENCH							
Q2600-09	END-OF-TRENCH	SOIL	Naphthalene		380.000		26.6	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	2-Methylnaphthalene		120.000	J	30	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Fluorene		92.900	J	29.7	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Phenanthrene		540.000		24.5	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Anthracene		110.000	J	39	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Fluoranthene		700.000		35.2	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Pyrene		710.000		42.2	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Butylbenzylphthalate		620.000		83.7	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(a)anthracene		330.000		27	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Chrysene		350.000		23.3	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Bis(2-ethylhexyl)phthalate		1,300.000		69.4	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(b)fluoranthene		360.000		22.3	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(k)fluoranthene		130.000	J	26.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2600-09	END-OF-TRENCH	SOIL	Benzo(a)pyrene	290.000		34.6	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	34.1	200	ug/Kg
Q2600-09	END-OF-TRENCH	SOIL	Benzo(g,h,i)perylene	180.000	J	30.1	200	ug/Kg
			Total Svoc :			6,382.90		
Q2600-09	END-OF-TRENCH	SOIL	1-Methylnaphthalene	*	310.000	J 30.3	200	ug/Kg
			Total Tics :			310.00		
			Total Concentration:			6,692.90		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
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
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	440	ug/Kg
108-95-2	Phenol	29.2	U	29.2	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	32.1	U	32.1	220	ug/Kg
95-57-8	2-Chlorophenol	32.2	U	32.2	220	ug/Kg
95-48-7	2-Methylphenol	39.5	U	39.5	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49.5	U	49.5	220	ug/Kg
98-86-2	Acetophenone	39.0	U	39.0	220	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	U	54.3	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.6	U	62.6	110	ug/Kg
67-72-1	Hexachloroethane	23.2	U	23.2	220	ug/Kg
98-95-3	Nitrobenzene	24.2	U	24.2	220	ug/Kg
78-59-1	Isophorone	43.3	U	43.3	220	ug/Kg
88-75-5	2-Nitrophenol	76.9	U	76.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	85.6	U	85.6	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	40.7	U	40.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	37.4	U	37.4	220	ug/Kg
91-20-3	Naphthalene	30.0	U	30.0	220	ug/Kg
106-47-8	4-Chloroaniline	46.8	U	46.8	220	ug/Kg
87-68-3	Hexachlorobutadiene	33.4	U	33.4	220	ug/Kg
105-60-2	Caprolactam	68.8	U	68.8	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37.9	U	37.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	33.8	U	33.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26.2	U	26.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38.4	U	38.4	220	ug/Kg
92-52-4	1,1-Biphenyl	28.8	U	28.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	29.7	U	29.7	220	ug/Kg
88-74-4	2-Nitroaniline	63.5	U	63.5	220	ug/Kg
131-11-3	Dimethylphthalate	35.8	U	35.8	220	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
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
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	38.2	U	38.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	44.4	U	44.4	220	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	220	ug/Kg
83-32-9	Acenaphthene	28.1	U	28.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	440	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	440	ug/Kg
132-64-9	Dibenzofuran	30.0	U	30.0	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.2	U	66.2	220	ug/Kg
84-66-2	Diethylphthalate	37.4	U	37.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35.3	U	35.3	220	ug/Kg
86-73-7	Fluorene	33.4	U	33.4	220	ug/Kg
100-01-6	4-Nitroaniline	84.8	UQ	84.8	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	43.5	U	43.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36.7	U	36.7	220	ug/Kg
118-74-1	Hexachlorobenzene	33.4	U	33.4	220	ug/Kg
1912-24-9	Atrazine	44.9	U	44.9	220	ug/Kg
87-86-5	Pentachlorophenol	67.8	U	67.8	440	ug/Kg
85-01-8	Phenanthrene	450		27.6	220	ug/Kg
120-12-7	Anthracene	140	J	44.0	220	ug/Kg
86-74-8	Carbazole	41.2	U	41.2	220	ug/Kg
84-74-2	Di-n-butylphthalate	63.3	U	63.3	220	ug/Kg
206-44-0	Fluoranthene	400		39.6	220	ug/Kg
129-00-0	Pyrene	370		47.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	340		94.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48.5	U	48.5	440	ug/Kg
56-55-3	Benzo(a)anthracene	210	J	30.4	220	ug/Kg
218-01-9	Chrysene	180	J	26.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	78.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		25.1	220	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
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
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	29.6	U	29.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	39.0	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.5	J	38.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36.2	U	36.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	33.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33.8	U	33.8	220	ug/Kg
123-91-1	1,4-Dioxane	59.7	U	59.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36.2	U	36.2	220	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	74.1		18 - 112	49%	SPK: 150
13127-88-3	Phenol-d6	71.8		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.2		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.0		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.1		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	52.5		10 - 105	52%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	671000	7.437
1146-65-2	Naphthalene-d8	2630000	10.19
15067-26-2	Acenaphthene-d10	1650000	14.095
1517-22-2	Phenanthrene-d10	3020000	16.931
1719-03-5	Chrysene-d12	2700000	21.366
1520-96-3	Perylene-d12	3370000	24.513

TENTATIVE IDENTIFIED COMPOUNDS

001678-92-8	Cyclohexane, propyl-	490	J	6.13	ug/Kg
004291-80-9	Cyclohexane, 1-methyl-3-propyl-	490	J	6.96	ug/Kg
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	550	J	7.03	ug/Kg
003637-63-6	Cyclooctanemethanol	370	J	7.15	ug/Kg
	unknown7.531	360	J	7.53	ug/Kg
007098-22-8	Tetratetracontane	580	J	7.66	ug/Kg
001678-93-9	Cyclohexane, butyl-	1100	J	7.74	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.5
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
BP025163.D	1	07/15/25 09:05	07/16/25 18:17	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000105-05-5	Benzene, 1,4-diethyl-	430	J		7.94	ug/Kg
	unknown8.002	660	J		8.00	ug/Kg
017301-26-7	Undecane, 2,9-dimethyl-	410	J		8.13	ug/Kg
000091-17-8	Naphthalene, decahydro-	720	J		8.26	ug/Kg
002213-23-2	Heptane, 2,4-dimethyl-	510	J		8.32	ug/Kg
	unknown8.637	440	J		8.64	ug/Kg
000281-23-2	Adamantane	950	J		8.78	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	500	J		9.14	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	660	J		9.39	ug/Kg
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	580	J		9.61	ug/Kg
052896-90-9	Heptane, 3-ethyl-5-methyl-	490	J		11.3	ug/Kg
90-12-0	1-Methylnaphthalene	260	J		12.1	ug/Kg
055045-11-9	Tridecane, 5-propyl-	430	J		15.9	ug/Kg
074036-95-6	2-Bromotetradecane	680	J		16.8	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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
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
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	26.9	U	26.9	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.5	U	29.5	210	ug/Kg
95-57-8	2-Chlorophenol	29.7	U	29.7	210	ug/Kg
95-48-7	2-Methylphenol	36.3	U	36.3	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.6	U	45.6	210	ug/Kg
98-86-2	Acetophenone	35.9	U	35.9	210	ug/Kg
65794-96-9	3+4-Methylphenols	50.0	U	50.0	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.6	U	57.6	97.2	ug/Kg
67-72-1	Hexachloroethane	21.4	U	21.4	210	ug/Kg
98-95-3	Nitrobenzene	22.2	U	22.2	210	ug/Kg
78-59-1	Isophorone	39.9	U	39.9	210	ug/Kg
88-75-5	2-Nitrophenol	70.7	U	70.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	78.8	U	78.8	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.4	U	37.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	34.4	U	34.4	210	ug/Kg
91-20-3	Naphthalene	27.6	U	27.6	210	ug/Kg
106-47-8	4-Chloroaniline	43.0	U	43.0	210	ug/Kg
87-68-3	Hexachlorobutadiene	30.8	U	30.8	210	ug/Kg
105-60-2	Caprolactam	63.3	U	63.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.9	U	34.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	31.1	U	31.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24.1	U	24.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35.4	U	35.4	210	ug/Kg
92-52-4	1,1-Biphenyl	26.5	U	26.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	27.4	U	27.4	210	ug/Kg
88-74-4	2-Nitroaniline	58.5	U	58.5	210	ug/Kg
131-11-3	Dimethylphthalate	32.9	U	32.9	210	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
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
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	35.1	U	35.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.8	U	40.8	210	ug/Kg
99-09-2	3-Nitroaniline	55.9	U	55.9	210	ug/Kg
83-32-9	Acenaphthene	25.9	U	25.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.6	U	27.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.9	U	60.9	210	ug/Kg
84-66-2	Diethylphthalate	34.4	U	34.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.5	U	32.5	210	ug/Kg
86-73-7	Fluorene	30.8	U	30.8	210	ug/Kg
100-01-6	4-Nitroaniline	78.0	UQ	78.0	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.0	U	40.0	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.8	U	33.8	210	ug/Kg
118-74-1	Hexachlorobenzene	30.8	U	30.8	210	ug/Kg
1912-24-9	Atrazine	41.3	U	41.3	210	ug/Kg
87-86-5	Pentachlorophenol	62.4	U	62.4	400	ug/Kg
85-01-8	Phenanthrene	25.4	U	25.4	210	ug/Kg
120-12-7	Anthracene	40.5	U	40.5	210	ug/Kg
86-74-8	Carbazole	37.9	U	37.9	210	ug/Kg
84-74-2	Di-n-butylphthalate	58.2	U	58.2	210	ug/Kg
206-44-0	Fluoranthene	36.5	U	36.5	210	ug/Kg
129-00-0	Pyrene	43.8	U	43.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	240		86.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.6	U	44.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	28.0	U	28.0	210	ug/Kg
218-01-9	Chrysene	24.2	U	24.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	72.0	210	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.1	U	23.1	210	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
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
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	27.2	U	27.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.9	U	35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.4	U	35.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.3	U	33.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.2	U	31.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31.1	U	31.1	210	ug/Kg
123-91-1	1,4-Dioxane	54.9	U	54.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33.3	U	33.3	210	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	88.7		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	82.0		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.8		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.9		20 - 109	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	68%	SPK: 150
1718-51-0	Terphenyl-d14	62.2		10 - 105	62%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	626000	7.443
1146-65-2	Naphthalene-d8	2410000	10.19
15067-26-2	Acenaphthene-d10	1560000	14.095
1517-22-2	Phenanthrene-d10	2690000	16.913
1719-03-5	Chrysene-d12	2690000	21.354
1520-96-3	Perylene-d12	3310000	24.507

TENTATIVE IDENTIFIED COMPOUNDS

001678-92-8	Cyclohexane, propyl-	410	J	6.13	ug/Kg
002890-62-2	Ethanone, 1-(1-methylcyclohexyl)-	430	J	6.96	ug/Kg
016580-24-8	Cyclohexane, 1-methyl-3-(1-methyle	440	J	7.03	ug/Kg
003637-63-6	Cyclooctanemethanol	300	J	7.15	ug/Kg
000112-95-8	Eicosane	420	J	7.65	ug/Kg
001678-93-9	Cyclohexane, butyl-	960	J	7.74	ug/Kg
000141-93-5	Benzene, 1,3-diethyl-	350	J	7.94	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.1
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
BP025161.D	1	07/15/25 09:05	07/16/25 16:54	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
061142-65-2	Cyclopentane, 3-hexyl-1,1-dimethyl	620	J		8.00	ug/Kg
1010309-37-4	Oxalic acid, isobutyl nonyl ester	380	J		8.14	ug/Kg
000091-17-8	Naphthalene, decahydro-	580	J		8.26	ug/Kg
	unknown8.631	380	J		8.63	ug/Kg
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	400	J		8.77	ug/Kg
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	330	J		8.88	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	330	J		9.05	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	460	J		9.14	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	510	J		9.61	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	400	J		11.3	ug/Kg
90-12-0	1-Methylnaphthalene	220	J		12.1	ug/Kg
055045-11-9	Tridecane, 5-propyl-	320	J		15.9	ug/Kg
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	420	J		16.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	550	J		17.9	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
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
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.9	U	25.9	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.5	U	28.5	200	ug/Kg
95-57-8	2-Chlorophenol	28.6	U	28.6	200	ug/Kg
95-48-7	2-Methylphenol	35.1	U	35.1	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	44.0	200	ug/Kg
98-86-2	Acetophenone	34.6	U	34.6	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.2	U	48.2	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	55.6	93.8	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.5	U	21.5	200	ug/Kg
78-59-1	Isophorone	38.5	U	38.5	200	ug/Kg
88-75-5	2-Nitrophenol	68.2	U	68.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.0	U	76.0	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	36.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.2	U	33.2	200	ug/Kg
91-20-3	Naphthalene	380		26.6	200	ug/Kg
106-47-8	4-Chloroaniline	41.5	U	41.5	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.7	U	29.7	200	ug/Kg
105-60-2	Caprolactam	61.1	U	61.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.7	U	33.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	30.0	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.2	U	23.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.1	U	34.1	200	ug/Kg
92-52-4	1,1-Biphenyl	25.6	U	25.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.4	U	26.4	200	ug/Kg
88-74-4	2-Nitroaniline	56.4	U	56.4	200	ug/Kg
131-11-3	Dimethylphthalate	31.8	U	31.8	200	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
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
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.9	U	33.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.4	U	39.4	200	ug/Kg
99-09-2	3-Nitroaniline	53.9	U	53.9	200	ug/Kg
83-32-9	Acenaphthene	25.0	U	25.0	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.6	U	26.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	200	ug/Kg
84-66-2	Diethylphthalate	33.2	U	33.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	31.3	200	ug/Kg
86-73-7	Fluorene	92.9	J	29.7	200	ug/Kg
100-01-6	4-Nitroaniline	75.3	UQ	75.3	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.6	U	38.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.6	U	32.6	200	ug/Kg
118-74-1	Hexachlorobenzene	29.7	U	29.7	200	ug/Kg
1912-24-9	Atrazine	39.9	U	39.9	200	ug/Kg
87-86-5	Pentachlorophenol	60.2	U	60.2	390	ug/Kg
85-01-8	Phenanthrene	540		24.5	200	ug/Kg
120-12-7	Anthracene	110	J	39.0	200	ug/Kg
86-74-8	Carbazole	36.6	U	36.6	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	200	ug/Kg
206-44-0	Fluoranthene	700		35.2	200	ug/Kg
129-00-0	Pyrene	710		42.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	620		83.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.0	U	43.0	390	ug/Kg
56-55-3	Benzo(a)anthracene	330		27.0	200	ug/Kg
218-01-9	Chrysene	350		23.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		69.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		22.3	200	ug/Kg

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-09		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	85.2	
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
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	130	J	26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		34.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	34.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.1	U	32.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	30.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	30.0	200	ug/Kg
123-91-1	1,4-Dioxane	53.0	U	53.0	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	32.1	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	84.0		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	75.6		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.0		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.6		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	56.9		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	582000		7.449		
1146-65-2	Naphthalene-d8	2490000		10.196		
15067-26-2	Acenaphthene-d10	1630000		14.101		
1517-22-2	Phenanthrene-d10	2980000		16.919		
1719-03-5	Chrysene-d12	2660000		21.354		
1520-96-3	Perylene-d12	3260000		24.501		
TENTATIVE IDENTIFIED COMPOUNDS						
90-12-0	1-Methylnaphthalene	310	J		12.1	ug/Kg

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
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
BP025164.D	1	07/15/25 09:05	07/16/25 18:59	PB168854

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

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-02	TRENCH	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/16/25	07/14/25
Q2600-05	STOCK-PILE	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-06	STOCK-PILE	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/16/25	07/14/25
Q2600-09	END-OF-TRENCH	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-10	END-OF-TRENCH	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/17/25	07/14/25



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

A

B

C

D

Hit Summary Sheet SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/16/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/16/25	
Client Sample ID:	PB168847TB		SDG No.:	Q2600	
Lab Sample ID:	PB168847TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143120.D	1	07/16/25 10:14	07/16/25 21:09	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	115		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.0		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.8		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	84.3		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.963			
1146-65-2	Naphthalene-d8	521000	8.245			
15067-26-2	Acenaphthene-d10	267000	10.004			
1517-22-2	Phenanthrene-d10	451000	11.486			
1719-03-5	Chrysene-d12	236000	14.127			
1520-96-3	Perylene-d12	211000	15.633			

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/16/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/16/25	
Client Sample ID:	PB168847TB		SDG No.:	Q2600	
Lab Sample ID:	PB168847TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143120.D	1	07/16/25 10:14	07/16/25 21:09	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-02		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143124.D	1	07/16/25 10:14	07/16/25 23:08	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	106		23 - 138	70%	SPK: 150
13127-88-3	Phenol-d6	98.4		10 - 134	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.9		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	79.0		42 - 152	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.969			
1146-65-2	Naphthalene-d8	535000	8.245			
15067-26-2	Acenaphthene-d10	275000	10.004			
1517-22-2	Phenanthrene-d10	455000	11.486			
1719-03-5	Chrysene-d12	247000	14.127			
1520-96-3	Perylene-d12	252000	15.633			

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-02		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143124.D	1	07/16/25 10:14	07/16/25 23:08	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-06		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143125.D	1	07/16/25 10:14	07/16/25 23:37	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		23 - 138	68%	SPK: 150
13127-88-3	Phenol-d6	94.9		10 - 134	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.8		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.0		52 - 132	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	78.2		42 - 152	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.969			
1146-65-2	Naphthalene-d8	519000	8.245			
15067-26-2	Acenaphthene-d10	263000	9.998			
1517-22-2	Phenanthrene-d10	431000	11.486			
1719-03-5	Chrysene-d12	226000	14.127			
1520-96-3	Perylene-d12	242000	15.633			

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-06		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143125.D	1	07/16/25 10:14	07/16/25 23:37	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-10		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF143126.D	1	07/16/25 10:14	07/17/25 00:07	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	108		23 - 138	72%	SPK: 150
13127-88-3	Phenol-d6	99.1		10 - 134	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.3		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.8		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	79.8		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.969			
1146-65-2	Naphthalene-d8	525000	8.245			
15067-26-2	Acenaphthene-d10	267000	9.998			
1517-22-2	Phenanthrene-d10	445000	11.486			
1719-03-5	Chrysene-d12	246000	14.121			
1520-96-3	Perylene-d12	243000	15.633			

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143126.D	1	07/16/25 10:14	07/17/25 00:07	PB168885

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-02	TRENCH	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/16/25	07/14/25
Q2600-05	STOCK-PILE	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-06	STOCK-PILE	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/16/25	07/14/25
Q2600-09	END-OF-TRENCH	SOIL	SVOC-TCL BNA -20	8270E	07/14/25	07/15/25	07/16/25	07/14/25
Q2600-10	END-OF-TRENCH	TCLP	TCLP BNA	8270E	07/14/25	07/16/25	07/17/25	07/14/25

Hit Summary Sheet
SW-846

SDG No.: Q2600

Order ID: Q2600

Client: T&A Construction Inc

Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Heptachlor epoxide	0.37	J	0.25	2.20	ug/kg
Q2600-01	TRENCH	SOIL	Dieldrin	0.44	JP	0.19	2.20	ug/kg
Q2600-01	TRENCH	SOIL	4,4-DDE	1.10	JP	0.19	2.20	ug/kg
Total Concentration:				1.910				
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	delta-BHC	1.20	J	0.47	2.10	ug/kg
Q2600-05	STOCK-PILE	SOIL	4,4-DDD	1.50	JP	0.18	2.10	ug/kg
Total Concentration:				2.700				
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	alpha-Chlordane	3.00		0.14	2.00	ug/kg
Q2600-09	END-OF-TRENCH	SOIL	gamma-Chlordane	2.10	P	0.18	2.00	ug/kg
Total Concentration:				5.100				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	75.5	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089643.D	1	07/15/25 08:40	07/28/25 13:33	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.17	U	0.17	2.20	ug/kg
319-85-7	beta-BHC	0.24	U	0.24	2.20	ug/kg
319-86-8	delta-BHC	0.52	U	0.52	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	2.20	ug/kg
76-44-8	Heptachlor	0.16	U	0.16	2.20	ug/kg
309-00-2	Aldrin	0.16	U	0.16	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.37	J	0.25	2.20	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	2.20	ug/kg
60-57-1	Dieldrin	0.44	JP	0.19	2.20	ug/kg
72-55-9	4,4-DDE	1.10	JP	0.19	2.20	ug/kg
72-20-8	Endrin	0.19	U	0.19	2.20	ug/kg
33213-65-9	Endosulfan II	0.38	U	0.38	2.20	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.19	U	0.19	2.20	ug/kg
72-43-5	Methoxychlor	0.49	U	0.49	2.20	ug/kg
53494-70-5	Endrin ketone	0.25	U	0.25	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.49	U	0.49	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.16	U	0.16	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	2.20	ug/kg
8001-35-2	Toxaphene	7.20	U	7.20	43.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.7		20 - 144	53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	8.39		19 - 148	42%	SPK: 20

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	75.5	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089643.D	1	07/15/25 08:40	07/28/25 13:33	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089644.D	1	07/15/25 08:40	07/28/25 13:46	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	2.10	ug/kg
319-85-7	beta-BHC	0.22	U	0.22	2.10	ug/kg
319-86-8	delta-BHC	1.20	J	0.47	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.10	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.10	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.10	ug/kg
33213-65-9	Endosulfan II	0.35	U	0.35	2.10	ug/kg
72-54-8	4,4-DDD	1.50	JP	0.18	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
72-43-5	Methoxychlor	0.45	U	0.45	2.10	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.45	U	0.45	2.10	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.10	ug/kg
8001-35-2	Toxaphene	6.60	U	6.60	40.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.6		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.4		19 - 148	57%	SPK: 20

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-05		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	82.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089644.D	1	07/15/25 08:40	07/28/25 13:46	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	85.2	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089647.D	1	07/15/25 08:40	07/28/25 14:27	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	2.00	ug/kg
72-20-8	Endrin	0.16	U	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.43	U	0.43	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	2.00	ug/kg
5103-71-9	alpha-Chlordane	3.00		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	2.10	P	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.30	U	6.30	38.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		20 - 144	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.81		19 - 148	49%	SPK: 20

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-09		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	85.2	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089647.D	1	07/15/25 08:40	07/28/25 14:27	PB168853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/28/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	TRENCHDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/28/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	STOCK-PIEDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	STOCK-PILERE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	

LAB CHRONICLE

Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	
Q2600-06RE	STOCK-PILERE	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/18/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/28/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-09DL	END-OF-TRENCHDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-09RE	END-OF-TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	



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

Hit Summary Sheet
SW-846

SDG No.:

Q2600

Order ID:

Q2600

Client:

T&A Construction Inc

Project ID:

Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:		
Project:	Kingsland Point Park Water Main		Date Received:	07/16/25	
Client Sample ID:	PB168847TB		SDG No.:	Q2600	
Lab Sample ID:	PB168847TB		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096470.D	1	07/16/25 11:02	07/18/25 16:01	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		57 - 171	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		61 - 148	111%	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

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-02		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096446.D	1	07/16/25 11:02	07/18/25 10:08	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.7		57 - 171	73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		61 - 148	107%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-06		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096447.D	1	07/16/25 11:02	07/18/25 10:21	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		61 - 148	112%	SPK: 20

Comments:

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 MDL = Method Detection Limit
 LOD = Limit of Detection
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 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
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 () = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-10		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096448.D	1	07/16/25 11:02	07/18/25 10:35	PB168887

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		61 - 148	114%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	TRENCHDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/18/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	STOCK-PIEDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	STOCK-PILERE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25

LAB CHRONICLE

			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/18/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25		07/14/25
			Gasoline Range Organics	8015D		07/16/25	
			PCB	8082A	07/15/25	07/15/25	
			Pesticide-TCL	8081B	07/15/25	07/15/25	
			EPH	NJEPH	07/16/25	07/16/25	
			EPH	NJEPH	07/16/25	07/17/25	
Q2600-09DL	END-OF-TRENCHDL	Solid			07/14/25		07/14/25
			EPH	NJEPH	07/16/25	07/17/25	
Q2600-09RE	END-OF-TRENCHRE	SOIL			07/14/25		07/14/25
			Pesticide-TCL	8081B	07/15/25	07/16/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25		07/14/25
			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/18/25	

Hit Summary Sheet
SW-846

SDG No.: Q2600

Order ID: Q2600

Client: T&A Construction Inc

Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Aroclor-1254	35.0		4.20	22.5	ug/kg
Q2600-01	TRENCH	SOIL	Aroclor-1260	49.8		4.30	22.5	ug/kg
Total Concentration:				84.800				
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	Aroclor-1254	11.1 J		3.90	20.7	ug/kg
Q2600-05	STOCK-PILE	SOIL	Aroclor-1260	20.4 J		3.90	20.7	ug/kg
Total Concentration:				31.500				
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	Aroclor-1254	168		3.80	19.9	ug/kg
Total Concentration:				168.000				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	75.5	Decanted:
Sample Wt/Vol:	30.04	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
PP073816.D	1	07/15/25 08:40	07/15/25 19:24	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	22.5	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	22.5	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	22.5	ug/kg
53469-21-9	Aroclor-1242	5.30	U	5.30	22.5	ug/kg
12672-29-6	Aroclor-1248	7.80	U	7.80	22.5	ug/kg
11097-69-1	Aroclor-1254	35.0		4.20	22.5	ug/kg
37324-23-5	Aroclor-1262	6.60	U	6.60	22.5	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	22.5	ug/kg
11096-82-5	Aroclor-1260	49.8		4.30	22.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	99%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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P = Indicates >25% difference for detected concentrations between the two GC columns

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() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	82.1	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
PP073817.D	1	07/15/25 08:40	07/15/25 19:41	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	11.1	J	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	20.4	J	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.4		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.1		32 - 175	71%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-09		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	85.2	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
PP073818.D	1	07/15/25 08:40	07/15/25 19:57	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	168		3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		32 - 144	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.5		32 - 175	167%	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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL	Gasoline Range Organics	8015D	07/14/25		07/15/25	07/14/25
			PCB	8082A		07/15/25	07/15/25	
Q2600-05	STOCK-PILE	SOIL	Gasoline Range Organics	8015D	07/14/25		07/15/25	07/14/25
			PCB	8082A		07/15/25	07/15/25	
Q2600-09	END-OF-TRENCH	SOIL	Gasoline Range Organics	8015D	07/14/25		07/15/25	07/14/25
			PCB	8082A		07/15/25	07/15/25	



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

Hit Summary Sheet
SW-846

SDG No.:	Q2600	Order ID:	Q2600
Client:	T&A Construction Inc	Project ID:	Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								

Total Concentration: 0.000



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc		Date Collected:		
Project:	Kingsland Point Park Water Main		Date Received:	07/16/25	
Client Sample ID:	PB168847TB		SDG No.:	Q2600	
Lab Sample ID:	PB168847TB		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031130.D	1	07/16/25 10:39	07/18/25 13:53	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		61 - 136	110%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-02		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031106.D	1	07/16/25 10:39	07/17/25 19:37	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	611		61 - 136	122%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-06		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031107.D	1	07/16/25 10:39	07/17/25 20:01	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	733	*	61 - 136	147%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	STOCK-PILERE		SDG No.:	Q2600	
Lab Sample ID:	Q2600-06RE		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031129.D	1	07/16/25 10:39	07/18/25 13:29	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	707	*	61 - 136	141%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	T&A Construction Inc		Date Collected:	07/14/25	
Project:	Kingsland Point Park Water Main		Date Received:	07/14/25	
Client Sample ID:	END-OF-TRENCH		SDG No.:	Q2600	
Lab Sample ID:	Q2600-10		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031108.D	1	07/16/25 10:39	07/17/25 20:25	PB168886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	664		61 - 136	133%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01DL	TRENCHDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05DL	STOCK-PIEDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	STOCK-PILERE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25

LAB CHRONICLE

			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/17/25	
Q2600-06RE	STOCK-PILERE	TCLP			07/14/25		07/14/25
			TCLP Herbicide	8151A	07/16/25	07/18/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25		07/14/25
			Gasoline Range Organics	8015D		07/16/25	
			PCB	8082A	07/15/25	07/15/25	
			Pesticide-TCL	8081B	07/15/25	07/15/25	
			EPH	NJEPH	07/16/25	07/16/25	
			EPH	NJEPH	07/16/25	07/17/25	
Q2600-09DL	END-OF-TRENCHDL	Solid			07/14/25		07/14/25
			EPH	NJEPH	07/16/25	07/17/25	
Q2600-09RE	END-OF-TRENCHRE	SOIL			07/14/25		07/14/25
			Pesticide-TCL	8081B	07/15/25	07/16/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25		07/14/25
			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/17/25	



A

B

C

SAMPLE DATA

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/16/25 09:25	07/17/25 9:40	PB168877

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	41.6		10	1.85	13.2	mg/kg FC069480.D
Aliphatic C12-C16	Aliphatic C12-C16	9.18		1	0.14	0.88	mg/kg FC069462.D
Aliphatic C16-C21	Aliphatic C16-C21	55.2		10	1.72	13.2	mg/kg FC069480.D
Aliphatic C21-C28	Aliphatic C21-C28	230		10	7.01	17.6	mg/kg FC069480.D
Aliphatic C28-C40	Aliphatic C28-C40	164		10	15.6	26.4	mg/kg FC069480.D
Aromatic C10-C12	Aromatic C10-C12	8.02		1	0.16	0.88	mg/kg FD049552.D
Aromatic C12-C16	Aromatic C12-C16	5.01		1	0.30	1.32	mg/kg FD049552.D
Aromatic C16-C21	Aromatic C16-C21	27.8		1	0.53	2.20	mg/kg FD049552.D
Aromatic C21-C36	Aromatic C21-C36	117		5	7.87	17.6	mg/kg FD049570.D
Total AliphaticEPH	Total AliphaticEPH	500			26.3	71.3	mg/kg
Total AromaticEPH	Total AromaticEPH	158			8.86	22.0	mg/kg
Total EPH	Total EPH	658			35.2	93.3	mg/kg

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069462.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	42.6	E	0.19	1.32	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.18		0.14	0.88	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	65.5	E	0.17	1.32	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	268	E	0.70	1.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	149	E	1.56	2.64	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-01	Acq On:	16 Jul 2025 17:35
Client Sample ID:	TRENCH	Operator:	YP/AJ
Data file:	FC069462.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	3.297	6.597	67250631	483.819	300	ug/ml
Aliphatic C12-C16	6.598	10.000	15002165	104.129	200	ug/ml
Aliphatic C16-C21	10.001	13.371	101129807	743.618	300	ug/ml
Aliphatic C21-C28	13.372	17.037	362149946	3040	400	ug/ml
Aliphatic C28-C40	17.038	22.012	152810312	1700	600	ug/ml
Aliphatic EPH	3.297	22.012	698342861	6080		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	3962321	35.06		ug/ml
Aliphatic C9-C28	3.297	17.037	545532549	4380	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049552.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	8.02		0.16	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.01		0.30	1.32	mg/kg
Aromatic C16-C21	Aromatic C16-C21	27.8		0.53	2.20	mg/kg
Aromatic C21-C36	Aromatic C21-C36	123	E	1.57	3.52	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	35.5		40 - 140	71%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.9		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01	Acq On:	16 Jul 2025 17:35
Client Sample ID:	TRENCH	Operator:	YP/AJ
Data file:	FD049552.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	4.425	6.169	12536096	90.99	200	ug/ml
Aromatic C12-C16	6.170	8.797	8894382	56.903	300	ug/ml
Aromatic C16-C21	8.798	13.086	50969481	316.024	500	ug/ml
Aromatic C21-C36	13.087	18.506	196239921	1400	800	ug/ml
Aromatic EPH	4.425	18.506	268639880	1870		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4583015	27.95		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	4641726	35.48		ug/ml
2-Flurobiphenyl (SURR)	8.599	8.599	3141478	33.9		ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069480.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	41.6		1.85	13.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	7.59	J	1.45	8.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	55.2		1.72	13.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	230		7.01	17.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	164		15.6	26.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.37		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-01DL	Acq On:	17 Jul 2025 09:40
Client Sample ID:	TRENCHDL	Operator:	YP/AJ
Data file:	FC069480.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	6569302	47.261	300	ug/ml
Aliphatic C12-C16	6.600	10.002	1241358	8.616	200	ug/ml
Aliphatic C16-C21	10.003	13.370	8525953	62.692	300	ug/ml
Aliphatic C21-C28	13.371	17.036	31073779	261.148	400	ug/ml
Aliphatic C28-C40	17.037	22.013	16741695	186.261	600	ug/ml
Aliphatic EPH	3.303	22.013	64152087	565.979		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	381061	3.37		ug/ml
Aliphatic C9-C28	3.303	17.036	47410392	379.717	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049570.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	7.83		0.79	4.41	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.45	J	1.52	6.61	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.9		2.64	11.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117		7.87	17.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.26		40 - 140	73%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.91		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.68		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01DL	Acq On:	17 Jul 2025 09:40
Client Sample ID:	TRENCHDL	Operator:	YP/AJ
Data file:	FD049570.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	2447618	17.765	200	ug/ml
Aromatic C12-C16	6.173	8.799	1931788	12.359	300	ug/ml
Aromatic C16-C21	8.800	13.090	9913986	61.469	500	ug/ml
Aromatic C21-C36	13.091	18.508	36627473	261.582	800	ug/ml
Aromatic EPH	4.430	18.508	50920865	353.176		ug/ml
2-Bromonaphthalene (SURRE)	7.734	7.734	950437	7.26		ug/ml
2-Fluorobiphenyl (SURRE)	8.599	8.599	639901	6.91		ug/ml
ortho-Terphenyl (SURRE)	11.642	11.642	931125	5.68		ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
07/16/25 09:25	07/17/25 10:23	PB168877

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	44.1		10	1.70	12.1	mg/kg FC069481.D
Aliphatic C12-C16	Aliphatic C12-C16	6.44		1	0.13	0.81	mg/kg FC069463.D
Aliphatic C16-C21	Aliphatic C16-C21	32.2		10	1.58	12.1	mg/kg FC069481.D
Aliphatic C21-C28	Aliphatic C21-C28	159		10	6.44	16.2	mg/kg FC069481.D
Aliphatic C28-C40	Aliphatic C28-C40	81.1		10	14.3	24.3	mg/kg FC069481.D
Aromatic C10-C12	Aromatic C10-C12	9.04		1	0.15	0.81	mg/kg FD049553.D
Aromatic C12-C16	Aromatic C12-C16	5.43		1	0.28	1.21	mg/kg FD049553.D
Aromatic C16-C21	Aromatic C16-C21	19.4		1	0.49	2.02	mg/kg FD049553.D
Aromatic C21-C36	Aromatic C21-C36	83.1		5	7.23	16.2	mg/kg FD049571.D
Total AliphaticEPH	Total AliphaticEPH	323			24.2	65.5	mg/kg
Total AromaticEPH	Total AromaticEPH	117			8.14	20.2	mg/kg
Total EPH	Total EPH	440			32.3	85.8	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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FC069463.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	38.5	E	0.17	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.44		0.13	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	41.6	E	0.16	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	185	E	0.64	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	105	E	1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.5		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-05	Acq On:	16 Jul 2025 18:23
Client Sample ID:	STOCK-PILE	Operator:	YP/AJ
Data file:	FC069463.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	66074243	475.356	300	ug/ml
Aliphatic C12-C16	6.598	10.000	11459154	79.537	200	ug/ml
Aliphatic C16-C21	10.001	13.371	69907683	514.039	300	ug/ml
Aliphatic C21-C28	13.372	17.037	272883111	2290	400	ug/ml
Aliphatic C28-C40	17.038	22.012	116768937	1300	600	ug/ml
Aliphatic EPH	3.297	22.012	537093128	4660		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.109	13.109	4684410	41.45		ug/ml
Aliphatic C9-C28	3.297	17.037	420324191	3360	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FD049553.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.04		0.15	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.43		0.28	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.4		0.49	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36	74.6	E	1.45	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.1		40 - 140	74%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05	Acq On:	16 Jul 2025 18:23
Client Sample ID:	STOCK-PILE	Operator:	YP/AJ
Data file:	FD049553.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	15380290	111.634	200	ug/ml
Aromatic C12-C16	6.170	8.797	10470914	66.989	300	ug/ml
Aromatic C16-C21	8.798	13.086	38723804	240.098	500	ug/ml
Aromatic C21-C36	13.087	18.506	128972341	921.081	800	ug/ml
Aromatic EPH	4.425	18.506	193547349	1340		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	5959342	36.34		ug/ml
2-Bromonaphthalene (SURR)	7.735	7.735	4848617	37.06		ug/ml
2-Fluorobiphenyl (SURR)	8.600	8.600	3306246	35.68		ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILEDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FC069481.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	44.1		1.70	12.1	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.57	J	1.34	8.10	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	32.2		1.58	12.1	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	159		6.44	16.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	81.1		14.3	24.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.24		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-05DL	Acq On:	17 Jul 2025 10:23
Client Sample ID:	STOCK-PILEDL	Operator:	YP/AJ
Data file:	FC069481.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	7571643	54.472	300	ug/ml
Aliphatic C12-C16	6.600	10.002	1169446	8.117	200	ug/ml
Aliphatic C16-C21	10.003	13.370	5399316	39.702	300	ug/ml
Aliphatic C21-C28	13.371	17.036	23446783	197.05	400	ug/ml
Aliphatic C28-C40	17.037	22.013	9002445	100.157	600	ug/ml
Aliphatic EPH	3.303	22.013	46589633	399.498		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	479585	4.24		ug/ml
Aliphatic C9-C28	3.303	17.036	37587188	299.341	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILEDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FD049571.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.1		0.73	4.05	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.45		1.40	6.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.1		2.43	10.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	83.1		7.23	16.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.54		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	8.06		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.21		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05DL	Acq On:	17 Jul 2025 10:23
Client Sample ID:	STOCK-PILEDL	Operator:	YP/AJ
Data file:	FD049571.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	3452513	25.059	200	ug/ml
Aromatic C12-C16	6.173	8.799	2490187	15.931	300	ug/ml
Aromatic C16-C21	8.800	13.090	8782066	54.451	500	ug/ml
Aromatic C21-C36	13.091	18.508	27932226	199.483	800	ug/ml
Aromatic EPH	4.430	18.508	42656992	294.925		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	1117865	8.54		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	747222	8.06		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	1346637	8.21		ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
07/16/25 09:25	07/17/25 11:07	PB168877

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	151		10	1.64	11.7	mg/kg FC069482.D
Aliphatic C12-C16	Aliphatic C12-C16	11.3		1	0.13	0.78	mg/kg FC069467.D
Aliphatic C16-C21	Aliphatic C16-C21	50.2		10	1.52	11.7	mg/kg FC069482.D
Aliphatic C21-C28	Aliphatic C21-C28	166		10	6.21	15.6	mg/kg FC069482.D
Aliphatic C28-C40	Aliphatic C28-C40	97.7		10	13.8	23.4	mg/kg FC069482.D
Aromatic C10-C12	Aromatic C10-C12	46.5		5	0.70	3.91	mg/kg FD049572.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.27	1.17	mg/kg FD049557.D
Aromatic C16-C21	Aromatic C16-C21	23.6		1	0.47	1.95	mg/kg FD049557.D
Aromatic C21-C36	Aromatic C21-C36	70.5		5	6.97	15.6	mg/kg FD049572.D
Total AliphaticEPH	Total AliphaticEPH	476			23.3	63.2	mg/kg
Total AromaticEPH	Total AromaticEPH	151			8.41	22.6	mg/kg
Total EPH	Total EPH	627			31.7	85.8	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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FC069467.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139	E	0.16	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	11.3		0.13	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	56.1	E	0.15	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	176	E	0.62	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	98.7	E	1.38	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-09	Acq On:	16 Jul 2025 21:23
Client Sample ID:	END-OF-TRENCH	Operator:	YP/AJ
Data file:	FC069467.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	247495827	1780	300	ug/ml
Aliphatic C12-C16	6.598	10.000	20823558	144.534	200	ug/ml
Aliphatic C16-C21	10.001	13.371	97650484	718.034	300	ug/ml
Aliphatic C21-C28	13.372	17.037	268233887	2250	400	ug/ml
Aliphatic C28-C40	17.038	22.012	113572215	1260	600	ug/ml
Aliphatic EPH	3.297	22.012	747775971	6160		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4591609	40.63		ug/ml
Aliphatic C9-C28	3.297	17.037	634203756	4900	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FD049557.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.8	E	0.14	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.27	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.6		0.47	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	66.8	E	1.39	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.9		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.6		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09	Acq On:	16 Jul 2025 21:23
Client Sample ID:	END-OF-TRENCH	Operator:	YP/AJ
Data file:	FD049557.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	70165615	509.281	200	ug/ml
Aromatic C12-C16	6.170	8.797	20497450	131.135	300	ug/ml
Aromatic C16-C21	8.798	13.086	48733879	302.163	500	ug/ml
Aromatic C21-C36	13.087	18.506	119612273	854.234	800	ug/ml
Aromatic EPH	4.425	18.506	259009217	1800		ug/ml
2-Fluorobiphenyl (SURR)	8.602	8.602	3611885	38.98		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	5483601	41.91		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6004694	36.62		ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FC069482.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	151		1.64	11.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.4		1.29	7.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	50.2		1.52	11.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	166		6.21	15.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	97.7		13.8	23.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.15		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2600-09DL	Acq On:	17 Jul 2025 11:07
Client Sample ID:	END-OF-TRENCHDL	Operator:	YP/AJ
Data file:	FC069482.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	26901089	193.534	300	ug/ml
Aliphatic C12-C16	6.600	10.002	2284696	15.858	200	ug/ml
Aliphatic C16-C21	10.003	13.370	8740608	64.271	300	ug/ml
Aliphatic C21-C28	13.371	17.036	25323066	212.818	400	ug/ml
Aliphatic C28-C40	17.037	22.013	11241227	125.065	600	ug/ml
Aliphatic EPH	3.303	22.013	74490686	611.546		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	469189	4.15		ug/ml
Aliphatic C9-C28	3.303	17.036	63249459	486.481	1200	ug/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FD049572.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.5		0.70	3.91	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.4		1.35	5.86	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.5		2.34	9.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.5		6.97	15.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.64		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	8.98		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.46		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09DL	Acq On:	17 Jul 2025 11:07
Client Sample ID:	END-OF-TRENCHDL	Operator:	YP/AJ
Data file:	FD049572.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	16402340	119.053	200	ug/ml
Aromatic C12-C16	6.173	8.799	4974960	31.828	300	ug/ml
Aromatic C16-C21	8.800	13.090	11695319	72.514	500	ug/ml
Aromatic C21-C36	13.091	18.508	23658524	168.962	800	ug/ml
Aromatic EPH	4.430	18.508	56731143	392.356		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	1261096	9.64		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	831658	8.98		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	1387306	8.46		ug/ml

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
Q2600-01DL	TRENCHDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	TRENCHRE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
Q2600-05DL	STOCK-PIEDL	Solid			07/14/25			07/14/25
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	STOCK-PILERE	SOIL			07/14/25			07/14/25
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25

LAB CHRONICLE

			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/17/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25		07/14/25
			Gasoline Range Organics	8015D		07/16/25	
			PCB	8082A	07/15/25	07/15/25	
			Pesticide-TCL	8081B	07/15/25	07/15/25	
			EPH	NJEPH	07/16/25	07/16/25	
Q2600-09DL	END-OF-TRENCHDL	Solid			07/14/25		07/14/25
			EPH	NJEPH	07/16/25	07/17/25	
Q2600-09RE	END-OF-TRENCHRE	SOIL			07/14/25		07/14/25
			Pesticide-TCL	8081B	07/15/25	07/16/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25		07/14/25
			TCLP Herbicide	8151A	07/16/25	07/17/25	
			TCLP Pesticide	8081B	07/16/25	07/17/25	

Hit Summary Sheet
SW-846

SDG No.: Q2600

Order ID: Q2600

Client: T&A Construction Inc

Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Aluminum	6870		1.04	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Antimony	6.54		0.27	3.11	mg/Kg
Q2600-01	TRENCH	SOIL	Arsenic	14.8		0.24	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Barium	507		0.91	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Beryllium	0.60		0.031	0.37	mg/Kg
Q2600-01	TRENCH	SOIL	Cadmium	4.05		0.030	0.37	mg/Kg
Q2600-01	TRENCH	SOIL	Calcium	21100		13.8	124	mg/Kg
Q2600-01	TRENCH	SOIL	Chromium	89.6		0.058	0.62	mg/Kg
Q2600-01	TRENCH	SOIL	Cobalt	8.26		0.12	1.87	mg/Kg
Q2600-01	TRENCH	SOIL	Copper	88.6		0.27	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Iron	21900		4.96	6.22	mg/Kg
Q2600-01	TRENCH	SOIL	Lead	1300		0.16	0.75	mg/Kg
Q2600-01	TRENCH	SOIL	Magnesium	5550		14.9	124	mg/Kg
Q2600-01	TRENCH	SOIL	Manganese	316		0.17	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Mercury	0.39		0.0090	0.017	mg/Kg
Q2600-01	TRENCH	SOIL	Nickel	19.8		0.16	2.49	mg/Kg
Q2600-01	TRENCH	SOIL	Potassium	1180		34.4	124	mg/Kg
Q2600-01	TRENCH	SOIL	Selenium	5.11		0.32	1.24	mg/Kg
Q2600-01	TRENCH	SOIL	Sodium	213		22.1	124	mg/Kg
Q2600-01	TRENCH	SOIL	Vanadium	23.5		0.31	2.49	mg/Kg
Q2600-01	TRENCH	SOIL	Zinc	917		0.14	2.49	mg/Kg
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	Aluminum	6640		0.87	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Antimony	2.22	J	0.23	2.58	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Arsenic	12.7		0.20	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Barium	127		0.75	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Beryllium	0.60		0.026	0.31	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Cadmium	0.67		0.025	0.31	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Calcium	7600		11.5	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Chromium	31.2		0.049	0.52	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Cobalt	8.00		0.10	1.55	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Copper	37.3		0.23	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Iron	22300		4.12	5.16	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Lead	257		0.13	0.62	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Magnesium	4110		12.4	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Manganese	240		0.14	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Mercury	0.076		0.0080	0.015	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2600
Client: T&A Construction Inc

Order ID: Q2600
Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2600-05	STOCK-PILE	SOIL	Nickel	15.6		0.13	2.06	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Potassium	1360		28.6	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Selenium	5.79		0.27	1.03	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Sodium	127		18.4	103	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Vanadium	16.3		0.26	2.06	mg/Kg
Q2600-05	STOCK-PILE	SOIL	Zinc	189		0.11	2.06	mg/Kg
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	Aluminum	5550		0.83	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Antimony	1.48	J	0.22	2.48	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Arsenic	5.65		0.19	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Barium	154		0.72	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Beryllium	0.47		0.025	0.30	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Cadmium	1.14		0.024	0.30	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Calcium	9820		11.0	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Chromium	39.7		0.047	0.50	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Cobalt	7.10		0.099	1.49	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Copper	57.9		0.22	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Iron	17500		3.95	4.95	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Lead	282		0.13	0.59	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Magnesium	6490		11.9	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Manganese	248		0.14	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Mercury	0.050		0.0090	0.016	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Nickel	12.7		0.13	1.98	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Potassium	809		27.4	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Selenium	4.24		0.26	0.99	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Sodium	98.8	J	17.6	99.0	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Vanadium	14.1		0.25	1.98	mg/Kg
Q2600-09	END-OF-TRENCH	SOIL	Zinc	206		0.11	1.98	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6870		1	1.04	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-36-0	Antimony	6.54	N	1	0.27	3.11	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-38-2	Arsenic	14.8		1	0.24	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-39-3	Barium	507		1	0.91	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-41-7	Beryllium	0.60		1	0.031	0.37	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-43-9	Cadmium	4.05		1	0.030	0.37	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-70-2	Calcium	21100		1	13.8	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-47-3	Chromium	89.6		1	0.058	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-48-4	Cobalt	8.26		1	0.12	1.87	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-50-8	Copper	88.6	N	1	0.27	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-89-6	Iron	21900		1	4.96	6.22	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-92-1	Lead	1300		1	0.16	0.75	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-95-4	Magnesium	5550		1	14.9	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-96-5	Manganese	316		1	0.17	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7439-97-6	Mercury	0.39	N	1	0.0090	0.017	mg/Kg	07/15/25 15:40	07/16/25 12:57	7471B	
7440-02-0	Nickel	19.8		1	0.16	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-09-7	Potassium	1180		1	34.4	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7782-49-2	Selenium	5.11		1	0.32	1.24	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-22-4	Silver	0.15	UN	1	0.15	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-23-5	Sodium	213		1	22.1	124	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-62-2	Vanadium	23.5		1	0.31	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050
7440-66-6	Zinc	917	N	1	0.14	2.49	mg/Kg	07/14/25 16:10	07/17/25 16:37	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6640		1	0.87	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-36-0	Antimony	2.22	JN	1	0.23	2.58	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-38-2	Arsenic	12.7		1	0.20	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-39-3	Barium	127		1	0.75	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-41-7	Beryllium	0.60		1	0.026	0.31	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.025	0.31	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-70-2	Calcium	7600		1	11.5	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-47-3	Chromium	31.2		1	0.049	0.52	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-48-4	Cobalt	8.00		1	0.10	1.55	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-50-8	Copper	37.3	N	1	0.23	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-89-6	Iron	22300		1	4.12	5.16	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-92-1	Lead	257		1	0.13	0.62	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-95-4	Magnesium	4110		1	12.4	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-96-5	Manganese	240		1	0.14	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7439-97-6	Mercury	0.076	N	1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 12:59	7471B	
7440-02-0	Nickel	15.6		1	0.13	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-09-7	Potassium	1360		1	28.6	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7782-49-2	Selenium	5.79		1	0.27	1.03	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.52	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-23-5	Sodium	127		1	18.4	103	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-62-2	Vanadium	16.3		1	0.26	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050
7440-66-6	Zinc	189	N	1	0.11	2.06	mg/Kg	07/14/25 16:10	07/17/25 16:42	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5550		1	0.83	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-36-0	Antimony	1.48	JN	1	0.22	2.48	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-38-2	Arsenic	5.65		1	0.19	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-39-3	Barium	154		1	0.72	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-41-7	Beryllium	0.47		1	0.025	0.30	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-43-9	Cadmium	1.14		1	0.024	0.30	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-70-2	Calcium	9820		1	11.0	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-47-3	Chromium	39.7		1	0.047	0.50	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-48-4	Cobalt	7.10		1	0.099	1.49	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-50-8	Copper	57.9	N	1	0.22	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-89-6	Iron	17500		1	3.95	4.95	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-92-1	Lead	282		1	0.13	0.59	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-95-4	Magnesium	6490		1	11.9	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-96-5	Manganese	248		1	0.14	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7439-97-6	Mercury	0.050	N	1	0.0090	0.016	mg/Kg	07/15/25 15:40	07/16/25 13:02	7471B	
7440-02-0	Nickel	12.7		1	0.13	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-09-7	Potassium	809		1	27.4	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7782-49-2	Selenium	4.24		1	0.26	0.99	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.50	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-23-5	Sodium	98.8	J	1	17.6	99.0	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-62-2	Vanadium	14.1		1	0.25	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050
7440-66-6	Zinc	206	N	1	0.11	1.98	mg/Kg	07/14/25 16:10	07/17/25 16:47	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	

Hit Summary Sheet
SW-846

SDG No.: Q2600

Order ID: Q2600

Client: T&A Construction Inc

Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-02	TRENCH	TCLP	Arsenic	34.0	J	25.6	100	ug/L
Q2600-02	TRENCH	TCLP	Barium	3240		72.8	500	ug/L
Q2600-02	TRENCH	TCLP	Lead	535		11.5	60.0	ug/L
Client ID : STOCK-PILE								
Q2600-06	STOCK-PILE	TCLP	Arsenic	40.1	J	25.6	100	ug/L
Q2600-06	STOCK-PILE	TCLP	Barium	2090		72.8	500	ug/L
Q2600-06	STOCK-PILE	TCLP	Cadmium	6.02	J	2.50	30.0	ug/L
Q2600-06	STOCK-PILE	TCLP	Lead	1390		11.5	60.0	ug/L
Client ID : END-OF-TRENCH								
Q2600-10	END-OF-TRENCH	TCLP	Barium	1420		72.8	500	ug/L
Q2600-10	END-OF-TRENCH	TCLP	Cadmium	21.1	J	2.50	30.0	ug/L
Q2600-10	END-OF-TRENCH	TCLP	Lead	2150		11.5	60.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.0	J	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-39-3	Barium	3240		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7439-92-1	Lead	535		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:50	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:36	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	40.1	J	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-39-3	Barium	2090		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-43-9	Cadmium	6.02	J	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7439-92-1	Lead	1390		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:52	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:41	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-39-3	Barium	1420		1	72.8	500	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-43-9	Cadmium	21.1	J	1	2.50	30.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7439-92-1	Lead	2150		1	11.5	60.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/16/25 14:40	07/17/25 10:55	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/16/25 12:30	07/17/25 14:45	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

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

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-02	TRENCH	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-06	STOCK-PILE	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25			07/14/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/14/25	07/17/25	
Q2600-10	END-OF-TRENCH	TCLP			07/14/25			07/14/25
			TCLP ICP Metals	6010D		07/16/25	07/17/25	
			TCLP Mercury	7470A		07/16/25	07/17/25	



SAMPLE DATA

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
		% Solid:	75.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.076	J	1	0.053	0.32	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.092	U	1	0.092	0.53	mg/Kg	07/16/25 12:40	07/16/25 16:04	7196A
pH	7.55	H	1	0	0	pH		07/15/25 09:15	9045D

Comments: pH result reported at temperature 24.6 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:00
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:15	1030

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
		% Solid:	82.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.051	U	1	0.051	0.30	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	07/16/25 12:40	07/16/25 16:05	7196A
pH	7.68	H	1	0	0	pH		07/15/25 09:25	9045D

Comments: pH result reported at temperature 24.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:10
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:23	1030

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
		% Solid:	85.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.047	J	1	0.047	0.28	mg/Kg	07/16/25 08:10	07/16/25 10:31	9012B
Hexavalent Chromium	0.080	U	1	0.080	0.46	mg/Kg	07/16/25 12:40	07/16/25 16:06	7196A
pH	7.24	H	1	0	0	pH		07/15/25 09:30	9045D

Comments: pH result reported at temperature 24.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25 13:20
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-10	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ignitability	NO		1	0	0	oC		07/15/25 14:30	1030

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25 13:00			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:04	
			pH	9045D			07/15/25 09:15	
Q2600-02	TRENCH	SOIL			07/14/25 13:00			07/14/25
			Ignitability	1030			07/15/25 14:15	
Q2600-05	STOCK-PILE	SOIL			07/14/25 13:10			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	
			Hexavalent Chromium	7196A		07/16/25	07/16/25 16:05	
			pH	9045D			07/15/25 09:25	
Q2600-06	STOCK-PILE	SOIL			07/14/25 13:10			07/14/25
			Ignitability	1030			07/15/25 14:23	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25 13:20			07/14/25
			Cyanide	9012B		07/16/25	07/16/25 10:31	

LAB CHRONICLE

Q2600-10	END-OF-TRENCH	SOIL	Hexavalent Chromium	7196A	07/16/25	07/16/25 16:06	07/14/25 13:20	07/14/25
			pH	9045D		07/15/25 09:30		
			Ignitability	1030		07/15/25 14:30		