

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

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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

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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

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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