

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

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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

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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

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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