

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:	CHRT-26899MSD	SDG No.:	Q2600
Lab Sample ID:	Q2597-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	98.6
Sample Wt/Vol:	50.08 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
BP025192.D	1	07/15/25 09:05	07/18/25 14:33	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		94.8	200	ug/Kg
108-95-2	Phenol	870		13.4	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	840		14.8	100	ug/Kg
95-57-8	2-Chlorophenol	930		14.8	100	ug/Kg
95-48-7	2-Methylphenol	930		18.2	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	800		22.8	100	ug/Kg
98-86-2	Acetophenone	800		17.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	900		25.0	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		28.8	48.6	ug/Kg
67-72-1	Hexachloroethane	920		10.7	100	ug/Kg
98-95-3	Nitrobenzene	860		11.1	100	ug/Kg
78-59-1	Isophorone	890		19.9	100	ug/Kg
88-75-5	2-Nitrophenol	1000		35.4	100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		39.4	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	840		18.7	100	ug/Kg
120-83-2	2,4-Dichlorophenol	960		17.2	100	ug/Kg
91-20-3	Naphthalene	840		13.8	100	ug/Kg
106-47-8	4-Chloroaniline	460		21.5	100	ug/Kg
87-68-3	Hexachlorobutadiene	980		15.4	100	ug/Kg
105-60-2	Caprolactam	850		31.7	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880		17.4	100	ug/Kg
91-57-6	2-Methylnaphthalene	760		15.6	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	70.5	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		12.0	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		17.7	100	ug/Kg
92-52-4	1,1-Biphenyl	860		13.2	100	ug/Kg
91-58-7	2-Chloronaphthalene	900		13.7	100	ug/Kg
88-74-4	2-Nitroaniline	940		29.2	100	ug/Kg
131-11-3	Dimethylphthalate	830		16.5	100	ug/Kg

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208-96-8	Acenaphthylene	940		17.6	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20.4	100	ug/Kg
99-09-2	3-Nitroaniline	800		27.9	100	ug/Kg
83-32-9	Acenaphthene	820		12.9	100	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		140	200	ug/Kg
100-02-7	4-Nitrophenol	1800	E	65.0	200	ug/Kg
132-64-9	Dibenzofuran	790		13.8	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	900		30.4	100	ug/Kg
84-66-2	Diethylphthalate	800		17.2	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		16.2	100	ug/Kg
86-73-7	Fluorene	790		15.4	100	ug/Kg
100-01-6	4-Nitroaniline	820		39.0	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670		62.6	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		20.0	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		16.9	100	ug/Kg
118-74-1	Hexachlorobenzene	1000		15.4	100	ug/Kg
1912-24-9	Atrazine	1200		20.7	100	ug/Kg
87-86-5	Pentachlorophenol	2000	E	31.2	200	ug/Kg
85-01-8	Phenanthrene	850		12.7	100	ug/Kg
120-12-7	Anthracene	910		20.2	100	ug/Kg
86-74-8	Carbazole	860		19.0	100	ug/Kg
84-74-2	Di-n-butylphthalate	890		29.1	100	ug/Kg
206-44-0	Fluoranthene	890		18.2	100	ug/Kg
129-00-0	Pyrene	860		21.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	920		43.4	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600		22.3	200	ug/Kg
56-55-3	Benzo(a)anthracene	930		14.0	100	ug/Kg
218-01-9	Chrysene	930		12.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		36.0	100	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		52.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		11.5	100	ug/Kg

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207-08-9	Benzo(k)fluoranthene	850		13.6	100	ug/Kg
50-32-8	Benzo(a)pyrene	1000		17.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		17.7	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		16.6	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		15.6	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		15.6	100	ug/Kg
123-91-1	1,4-Dioxane	670		27.5	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		16.6	100	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	82.8		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	80.9		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.6		20 - 109	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		10 - 105	63%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	718000	7.443
1146-65-2	Naphthalene-d8	2880000	10.19
15067-26-2	Acenaphthene-d10	1760000	14.095
1517-22-2	Phenanthrene-d10	3050000	16.919
1719-03-5	Chrysene-d12	3400000	21.36
1520-96-3	Perylene-d12	4140000	24.524

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