

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	450	ug/Kg
108-95-2	Phenol	30.4	U	30.4	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	33.4	U	33.4	230	ug/Kg
95-57-8	2-Chlorophenol	33.5	U	33.5	230	ug/Kg
95-48-7	2-Methylphenol	41.1	U	41.1	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51.5	U	51.5	230	ug/Kg
98-86-2	Acetophenone	40.6	U	40.6	230	ug/Kg
65794-96-9	3+4-Methylphenols	56.5	U	56.5	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.2	U	65.2	110	ug/Kg
67-72-1	Hexachloroethane	24.2	U	24.2	230	ug/Kg
98-95-3	Nitrobenzene	25.2	U	25.2	230	ug/Kg
78-59-1	Isophorone	45.1	U	45.1	230	ug/Kg
88-75-5	2-Nitrophenol	80.0	U	80.0	230	ug/Kg
105-67-9	2,4-Dimethylphenol	89.1	U	89.1	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	42.3	U	42.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	38.9	U	38.9	230	ug/Kg
91-20-3	Naphthalene	31.2	U	31.2	230	ug/Kg
106-47-8	4-Chloroaniline	48.7	U	48.7	230	ug/Kg
87-68-3	Hexachlorobutadiene	34.8	U	34.8	230	ug/Kg
105-60-2	Caprolactam	71.6	U	71.6	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39.5	U	39.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	35.2	U	35.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27.2	U	27.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40.0	U	40.0	230	ug/Kg
92-52-4	1,1-Biphenyl	30.0	U	30.0	230	ug/Kg
91-58-7	2-Chloronaphthalene	30.9	U	30.9	230	ug/Kg
88-74-4	2-Nitroaniline	66.1	U	66.1	230	ug/Kg
131-11-3	Dimethylphthalate	37.3	U	37.3	230	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	39.7	U	39.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	46.2	U	46.2	230	ug/Kg
99-09-2	3-Nitroaniline	63.2	U	63.2	230	ug/Kg
83-32-9	Acenaphthene	29.3	U	29.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	450	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	450	ug/Kg
132-64-9	Dibenzofuran	31.2	U	31.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.9	U	68.9	230	ug/Kg
84-66-2	Diethylphthalate	38.9	U	38.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36.7	U	36.7	230	ug/Kg
86-73-7	Fluorene	34.8	U	34.8	230	ug/Kg
100-01-6	4-Nitroaniline	88.3	U	88.3	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	45.2	U	45.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38.2	U	38.2	230	ug/Kg
118-74-1	Hexachlorobenzene	34.8	U	34.8	230	ug/Kg
1912-24-9	Atrazine	46.7	U	46.7	230	ug/Kg
87-86-5	Pentachlorophenol	70.5	U	70.5	450	ug/Kg
85-01-8	Phenanthrene	28.7	U	28.7	230	ug/Kg
120-12-7	Anthracene	45.8	U	45.8	230	ug/Kg
86-74-8	Carbazole	42.9	U	42.9	230	ug/Kg
84-74-2	Di-n-butylphthalate	65.8	U	65.8	230	ug/Kg
206-44-0	Fluoranthene	220	J	41.2	230	ug/Kg
129-00-0	Pyrene	160	J	49.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	98.2	U	98.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50.5	U	50.5	450	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	31.6	230	ug/Kg
218-01-9	Chrysene	120	J	27.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81.4	U	81.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	26.1	230	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	30.8	U	30.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	40.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40.0	U	40.0	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37.7	U	37.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35.3	U	35.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35.2	U	35.2	230	ug/Kg
123-91-1	1,4-Dioxane	62.1	U	62.1	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37.7	U	37.7	230	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	80.0		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	79.7		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.4		20 - 109	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.8		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	39.9		10 - 105	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	56600	6.875
1146-65-2	Naphthalene-d8	205000	8.157
15067-26-2	Acenaphthene-d10	100000	9.916
1517-22-2	Phenanthrene-d10	155000	11.404
1719-03-5	Chrysene-d12	114000	14.051
1520-96-3	Perylene-d12	133000	15.545

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB	5.09	ug/Kg
000119-61-9	Benzophenone	300	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	240	J	11.9	ug/Kg
006222-07-7	Pentafluoropropionic acid, hexadec	230	J	13.9	ug/Kg
	unknown14.921	160	J	14.9	ug/Kg

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products