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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/15/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/15/25
Client Sample ID:	RINSE-EB-TANK-041525	SDG No.:	Q1812
Lab Sample ID:	Q1812-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	910 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024330.D	1	04/17/25 10:40	04/17/25 17:23	PB167625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.30	U	4.30	11.0	ug/L
108-95-2	Phenol	1.00	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.89	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	0.64	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.50	ug/L
98-86-2	Acetophenone	0.81	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	0.71	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	0.84	U	0.84	5.50	ug/L
78-59-1	Isophorone	0.82	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	1.90	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	2.00	UQ	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.75	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	0.57	U	0.57	5.50	ug/L
91-20-3	Naphthalene	0.55	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	0.92	UQ	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	0.59	U	0.59	5.50	ug/L
105-60-2	Caprolactam	1.20	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.65	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	0.62	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	4.00	UQ	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.56	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	0.68	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	0.58	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	0.67	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	0.67	U	0.67	5.50	ug/L

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208-96-8	Acenaphthylene	0.82	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	1.00	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	1.20	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	0.60	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	2.60	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	0.67	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	0.76	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.75	U	0.75	5.50	ug/L
86-73-7	Fluorene	0.69	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.64	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	0.44	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	5.50	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	1.70	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	0.55	U	0.55	5.50	ug/L
120-12-7	Anthracene	0.67	U	0.67	5.50	ug/L
86-74-8	Carbazole	0.79	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	0.90	U	0.90	5.50	ug/L
129-00-0	Pyrene	0.55	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	1.00	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	0.49	U	0.49	5.50	ug/L
218-01-9	Chrysene	0.48	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.80	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	5.50	ug/L

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207-08-9	Benzo(k)fluoranthene	0.53	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	0.60	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.65	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.74	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	0.76	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.57	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	1.10	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	55.2		15 (10) - 110 (139)	37%	SPK: 150
13127-88-3	Phenol-d6	21.3	*	15 (10) - 110 (134)	14%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.2		30 (49) - 130 (133)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.4		30 (52) - 130 (132)	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		15 (44) - 110 (137)	73%	SPK: 150
1718-51-0	Terphenyl-d14	89.8		30 (48) - 130 (125)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	219000	7.722			
1146-65-2	Naphthalene-d8	846000	10.498			
15067-26-2	Acenaphthene-d10	473000	14.351			
1517-22-2	Phenanthrene-d10	874000	17.151			
1719-03-5	Chrysene-d12	1000000	21.598			
1520-96-3	Perylene-d12	1190000	24.939			
TENTATIVE IDENTIFIED COMPOUNDS						
000503-60-6	2-Butene, 1-chloro-3-methyl-	31.5	J		3.16	ug/L
001985-88-2	1,1-Dimethyl-3-chloropropanol	68.6	J		4.47	ug/L
000507-45-9	Butane, 2,3-dichloro-2-methyl-	9.90	J		4.76	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.80	AB		4.89	ug/L
	unknown4.969	3.80	J		4.97	ug/L
000111-76-2	Ethanol, 2-butoxy-	40.0	J		5.84	ug/L
	unknown7.269	23.0	J		7.27	ug/L

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189130-85-6	3-(Chloromethyl)-5-isobutyl-1,2,4-	12.0	J		10.4	ug/L
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	3.80	J		13.3	ug/L

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