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:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-IW-01-COMP-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 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
BF141872.D	1	03/05/25 08:35	03/06/25 16:59	PB166982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.20	U	4.20	10.4	ug/L
108-95-2	Phenol	0.97	U	0.97	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.40	UQ	1.40	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.10	U	1.10	5.20	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	5.20	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	UQ	1.40	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.70	U	6.70	10.4	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	1.00	U	1.00	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1.30	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	5.20	ug/L
218-01-9	Chrysene	0.90	U	0.90	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	2.00	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

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207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	77.8		15 (10) - 110 (139)	52%	SPK: 150
13127-88-3	Phenol-d6	47.8		15 (10) - 110 (134)	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	123		30 (49) - 130 (133)	123%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		30 (52) - 130 (132)	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	186	*	15 (44) - 110 (137)	124%	SPK: 150
1718-51-0	Terphenyl-d14	89.6		30 (48) - 130 (125)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	6.886			
1146-65-2	Naphthalene-d8	590000	8.163			
15067-26-2	Acenaphthene-d10	323000	9.916			
1517-22-2	Phenanthrene-d10	548000	11.404			
1719-03-5	Chrysene-d12	434000	14.039			
1520-96-3	Perylene-d12	453000	15.509			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J		2.16	ug/L
000079-01-6	Trichloroethylene	38.4	J		2.53	ug/L
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	14.4	J		3.00	ug/L
000057-55-6	Propylene Glycol	170	J		3.59	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.30	A		5.10	ug/L
000108-94-1	Cyclohexanone	4.00	J		5.76	ug/L
	unknown6.445	5.40	J		6.45	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000111-14-8	Heptanoic acid	2.30	J		7.23	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	79.5	J		7.62	ug/L
65-85-0	Benzoic acid	21.0	J		7.90	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	7.10	J		8.06	ug/L
000112-05-0	Nonanoic acid	4.40	J		8.50	ug/L
000099-94-5	Benzoic acid, 4-methyl-	2.30	J		8.55	ug/L
000098-73-7	Benzoic acid, p-tert-butyl-	63.0	J		9.85	ug/L
029878-31-7	1H-Benzotriazole, 4-methyl-	2.60	J		10.3	ug/L
000115-96-8	Tri(2-chloroethyl) phosphate	2.90	J		11.1	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J		11.9	ug/L
000506-17-2	cis-Vaccenic acid	3.80	J		12.6	ug/L
000057-11-4	Octadecanoic acid	2.30	J		12.7	ug/L
000629-92-5	Nonadecane	3.80	J		14.7	ug/L
000646-31-1	Tetracosane	28.8	J		17.3	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