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:	07/30/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	MLS-15-70-85MSD	SDG No.:	P3429
Lab Sample ID:	P3415-05MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
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
BF138910.D	1	08/01/24 08:20	08/10/24 15:19	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	17.9		1.60	5.20	ug/L
100-52-7	Benzaldehyde	4.30	J	4.20	10.4	ug/L
95-48-7	2-Methylphenol	40.6		1.20	5.20	ug/L
65794-96-9	3+4-Methylphenols	38.4		1.20	10.4	ug/L
67-72-1	Hexachloroethane	44.7		1.10	5.20	ug/L
98-95-3	Nitrobenzene	61.4		1.30	5.20	ug/L
91-20-3	Naphthalene	55.9		1.10	5.20	ug/L
87-68-3	Hexachlorobutadiene	49.2		1.30	5.20	ug/L
91-57-6	2-Methylnaphthalene	62.5		1.20	5.20	ug/L
88-06-2	2,4,6-Trichlorophenol	60.7		0.93	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	58.3		1.10	5.20	ug/L
208-96-8	Acenaphthylene	68.1		1.10	5.20	ug/L
83-32-9	Acenaphthene	61.4		0.84	5.20	ug/L
132-64-9	Dibenzofuran	65.7		0.97	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	68.5		1.60	5.20	ug/L
86-73-7	Fluorene	66.1		1.00	5.20	ug/L
118-74-1	Hexachlorobenzene	65.7		1.20	5.20	ug/L
87-86-5	Pentachlorophenol	91.0	E	1.90	10.4	ug/L
85-01-8	Phenanthrene	67.4		0.93	5.20	ug/L
120-12-7	Anthracene	69.1		1.10	5.20	ug/L
86-74-8	Carbazole	64.4		1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	71.3		1.50	5.20	ug/L
206-44-0	Fluoranthene	59.0		1.30	5.20	ug/L
129-00-0	Pyrene	60.7		1.10	5.20	ug/L
56-55-3	Benzo(a)anthracene	67.3		0.98	5.20	ug/L
218-01-9	Chrysene	69.0		0.90	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	67.7		2.00	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	60.9		1.20	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	73.1		1.20	5.20	ug/L

Alliance TECHNICAL GROUP
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50-32-8	Benzo(a)pyrene	69.2		1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	58.6		1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	58.3		1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	49.9		1.20	5.20	ug/L
123-91-1	1,4-Dioxane	19.2		1.30	5.20	ug/L
90-12-0	1-Methylnaphthalene	59.2		0.90	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.9		15 (10) - 110 (139)	44%	SPK: 150
13127-88-3	Phenol-d6	40.2		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	117		30 (49) - 130 (133)	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	114		30 (52) - 130 (132)	114%	SPK: 100
118-79-6	2,4,6-Tribromophenol	172	*	15 (44) - 110 (137)	115%	SPK: 150
1718-51-0	Terphenyl-d14	127		30 (48) - 130 (125)	127%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	34300	6.839			
1146-65-2	Naphthalene-d8	137000	8.122			
15067-26-2	Acenaphthene-d10	78400	9.875			
1517-22-2	Phenanthrene-d10	126000	11.363			
1719-03-5	Chrysene-d12	61800	14.004			
1520-96-3	Perylene-d12	75400	15.462			

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