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:	05/09/25
Project:	Former Schlumberger Site Princeton NJ 2025	Date Received:	05/09/25
Client Sample ID:	IDW-AQ-DRUM-633-05092025	SDG No.:	Q2008
Lab Sample ID:	Q2008-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046130.D	100		05/12/25 12:03	VX051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.0	U	22.0	500	ug/L
74-87-3	Chloromethane	880		32.0	500	ug/L
75-01-4	Vinyl Chloride	26.0	U	26.0	500	ug/L
74-83-9	Bromomethane	140	U	140	500	ug/L
75-00-3	Chloroethane	47.0	U	47.0	500	ug/L
75-69-4	Trichlorofluoromethane	33.0	U	33.0	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	U	25.0	500	ug/L
75-35-4	1,1-Dichloroethene	23.0	U	23.0	500	ug/L
67-64-1	Acetone	20100		150	2500	ug/L
75-15-0	Carbon Disulfide	21.0	U	21.0	500	ug/L
1634-04-4	Methyl tert-butyl Ether	16.0	U	16.0	500	ug/L
79-20-9	Methyl Acetate	27.0	U	27.0	500	ug/L
75-09-2	Methylene Chloride	110	J	28.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	23.0	U	23.0	500	ug/L
75-34-3	1,1-Dichloroethane	23.0	U	23.0	500	ug/L
110-82-7	Cyclohexane	150	U	150	500	ug/L
78-93-3	2-Butanone	98.0	U	98.0	2500	ug/L
56-23-5	Carbon Tetrachloride	25.0	U	25.0	500	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0	U	19.0	500	ug/L
74-97-5	Bromochloromethane	22.0	U	22.0	500	ug/L
67-66-3	Chloroform	25.0	U	25.0	500	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	U	20.0	500	ug/L
108-87-2	Methylcyclohexane	16.0	U	16.0	500	ug/L
71-43-2	Benzene	15.0	U	15.0	500	ug/L
107-06-2	1,2-Dichloroethane	22.0	U	22.0	500	ug/L
79-01-6	Trichloroethene	9.30	U	9.30	500	ug/L
78-87-5	1,2-Dichloropropane	20.0	U	20.0	500	ug/L
75-27-4	Bromodichloromethane	22.0	U	22.0	500	ug/L
108-10-1	4-Methyl-2-Pentanone	68.0	U	68.0	2500	ug/L
108-88-3	Toluene	14.0	U	14.0	500	ug/L

Alliance TECHNICAL GROUP
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VX046130.D	100		05/12/25 12:03	VX051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.0	U	17.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	16.0	U	16.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	U	21.0	500	ug/L
591-78-6	2-Hexanone	89.0	U	89.0	2500	ug/L
124-48-1	Dibromochloromethane	18.0	U	18.0	500	ug/L
106-93-4	1,2-Dibromoethane	15.0	U	15.0	500	ug/L
127-18-4	Tetrachloroethene	23.0	U	23.0	500	ug/L
108-90-7	Chlorobenzene	12.0	U	12.0	500	ug/L
100-41-4	Ethyl Benzene	13.0	U	13.0	500	ug/L
179601-23-1	m/p-Xylenes	24.0	U	24.0	1000	ug/L
95-47-6	o-Xylene	12.0	U	12.0	500	ug/L
100-42-5	Styrene	15.0	U	15.0	500	ug/L
75-25-2	Bromoform	19.0	U	19.0	500	ug/L
98-82-8	Isopropylbenzene	12.0	U	12.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	26.0	U	26.0	500	ug/L
541-73-1	1,3-Dichlorobenzene	16.0	U	16.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	19.0	U	19.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	16.0	U	16.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.0	U	53.0	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.0	U	20.0	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0	U	20.0	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68800	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	57100	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	510	J		1.24	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