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

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S12-020047-202510	SDG No.:	Q3376
Lab Sample ID:	Q3376-05	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 66.8
Sample Wt/Vol:	2.94 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
74-87-3	Chloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
75-01-4	Vinyl Chloride	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
74-83-9	Bromomethane	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
75-00-3	Chloroethane	12.7	U	1	3.20	12.7	ug/Kg	10/20/25 16:24	VW102025
75-69-4	Trichlorofluoromethane	12.7	U	1	3.10	12.7	ug/Kg	10/20/25 16:24	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
75-35-4	1,1-Dichloroethene	12.7	U	1	2.50	12.7	ug/Kg	10/20/25 16:24	VW102025
67-64-1	Acetone	290		1	12.1	63.6	ug/Kg	10/20/25 16:24	VW102025
75-15-0	Carbon Disulfide	38.1		1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
1634-04-4	Methyl tert-butyl Ether	12.7	U	1	1.90	12.7	ug/Kg	10/20/25 16:24	VW102025
79-20-9	Methyl Acetate	12.7	U	1	3.90	12.7	ug/Kg	10/20/25 16:24	VW102025
75-09-2	Methylene Chloride	25.5	U	1	9.00	25.5	ug/Kg	10/20/25 16:24	VW102025
156-60-5	trans-1,2-Dichloroethene	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
75-34-3	1,1-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
110-82-7	Cyclohexane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
78-93-3	2-Butanone	89.0		1	16.7	63.6	ug/Kg	10/20/25 16:24	VW102025
56-23-5	Carbon Tetrachloride	12.7	U	1	2.50	12.7	ug/Kg	10/20/25 16:24	VW102025
156-59-2	cis-1,2-Dichloroethene	12.7	U	1	1.90	12.7	ug/Kg	10/20/25 16:24	VW102025
74-97-5	Bromochloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
67-66-3	Chloroform	12.7	U	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
71-55-6	1,1,1-Trichloroethane	12.7	U	1	2.40	12.7	ug/Kg	10/20/25 16:24	VW102025
108-87-2	Methylcyclohexane	12.9		1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
71-43-2	Benzene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
107-06-2	1,2-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
79-01-6	Trichloroethene	12.7	U	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
78-87-5	1,2-Dichloropropane	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
75-27-4	Bromodichloromethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
108-10-1	4-Methyl-2-Pentanone	63.6	U	1	9.10	63.6	ug/Kg	10/20/25 16:24	VW102025
108-88-3	Toluene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
10061-02-6	t-1,3-Dichloropropene	12.7	U	1	1.70	12.7	ug/Kg	10/20/25 16:24	VW102025
10061-01-5	cis-1,3-Dichloropropene	12.7	U	1	1.60	12.7	ug/Kg	10/20/25 16:24	VW102025
79-00-5	1,1,2-Trichloroethane	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
591-78-6	2-Hexanone	63.6	U	1	9.40	63.6	ug/Kg	10/20/25 16:24	VW102025
124-48-1	Dibromochloromethane	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
106-93-4	1,2-Dibromoethane	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
127-18-4	Tetrachloroethene	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
108-90-7	Chlorobenzene	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
100-41-4	Ethyl Benzene	12.7	U	1	1.70	12.7	ug/Kg	10/20/25 16:24	VW102025
179601-23-1	m/p-Xylenes	25.5	U	1	3.20	25.5	ug/Kg	10/20/25 16:24	VW102025
95-47-6	o-Xylene	8.80	J	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
100-42-5	Styrene	12.7	U	1	1.80	12.7	ug/Kg	10/20/25 16:24	VW102025
75-25-2	Bromoform	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025

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

Report of Analysis

Client:	AECOM	Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/16/25
Client Sample ID:	PR132-S12-020047-202510	SDG No.:	Q3376
Lab Sample ID:	Q3376-05	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	66.8
Sample Wt/Vol:	2.94 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	12.7	U	1	3.10	12.7	ug/Kg	10/20/25 16:24	VW102025
541-73-1	1,3-Dichlorobenzene	12.7	U	1	4.40	12.7	ug/Kg	10/20/25 16:24	VW102025
106-46-7	1,4-Dichlorobenzene	12.7	U	1	4.00	12.7	ug/Kg	10/20/25 16:24	VW102025
95-50-1	1,2-Dichlorobenzene	12.7	U	1	3.70	12.7	ug/Kg	10/20/25 16:24	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	12.7	U	1	4.70	12.7	ug/Kg	10/20/25 16:24	VW102025
120-82-1	1,2,4-Trichlorobenzene	12.7	U	1	7.60	12.7	ug/Kg	10/20/25 16:24	VW102025
87-61-6	1,2,3-Trichlorobenzene	12.7	U	1	8.10	12.7	ug/Kg	10/20/25 16:24	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			63 - 155	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	53.0			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.5			17 - 146	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	221000							
540-36-3	1,4-Difluorobenzene	500000							
3114-55-4	Chlorobenzene-d5	487000							
3855-82-1	1,4-Dichlorobenzene-d4	228000							
TENTATIVE IDENTIFIED COMPOUNDS									
007146-60-3	Octane, 2,3-dimethyl-	210	J			12.4	ug/Kg		

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