

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Bellmawr Sub HQ	Date Received:	05/28/25
Client Sample ID:	BELL-25-0010DL	SDG No.:	Q2139
Lab Sample ID:	Q2139-01DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	1.18 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046403.D	10		05/29/25 16:43	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.80	UD	4.80	21.2	mg/Kg
74-87-3	Chloromethane	4.80	UD	4.80	21.2	mg/Kg
75-01-4	Vinyl Chloride	3.30	UD	3.30	21.2	mg/Kg
74-83-9	Bromomethane	4.50	UD	4.50	21.2	mg/Kg
75-00-3	Chloroethane	5.30	UD	5.30	21.2	mg/Kg
75-69-4	Trichlorofluoromethane	5.10	UD	5.10	21.2	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.50	UD	4.50	21.2	mg/Kg
75-35-4	1,1-Dichloroethene	4.20	UD	4.20	21.2	mg/Kg
67-64-1	Acetone	20.1	UD	20.1	106	mg/Kg
75-15-0	Carbon Disulfide	4.50	UD	4.50	21.2	mg/Kg
1634-04-4	Methyl tert-butyl Ether	3.10	UD	3.10	21.2	mg/Kg
79-20-9	Methyl Acetate	6.50	UD	6.50	21.2	mg/Kg
75-09-2	Methylene Chloride	15.0	UD	15.0	42.4	mg/Kg
156-60-5	trans-1,2-Dichloroethene	282	D	3.60	21.2	mg/Kg
75-34-3	1,1-Dichloroethane	3.40	UD	3.40	21.2	mg/Kg
110-82-7	Cyclohexane	3.30	UD	3.30	21.2	mg/Kg
78-93-3	2-Butanone	27.7	UD	27.7	106	mg/Kg
56-23-5	Carbon Tetrachloride	4.10	UD	4.10	21.2	mg/Kg
156-59-2	cis-1,2-Dichloroethene	3.20	UD	3.20	21.2	mg/Kg
74-97-5	Bromochloromethane	4.90	UD	4.90	21.2	mg/Kg
67-66-3	Chloroform	3.60	UD	3.60	21.2	mg/Kg
71-55-6	1,1,1-Trichloroethane	3.90	UD	3.90	21.2	mg/Kg
108-87-2	Methylcyclohexane	5.80	JD	3.90	21.2	mg/Kg
71-43-2	Benzene	3.30	UD	3.30	21.2	mg/Kg
107-06-2	1,2-Dichloroethane	3.30	UD	3.30	21.2	mg/Kg
79-01-6	Trichloroethene	3.40	UD	3.40	21.2	mg/Kg
78-87-5	1,2-Dichloropropane	3.90	UD	3.90	21.2	mg/Kg
75-27-4	Bromodichloromethane	3.30	UD	3.30	21.2	mg/Kg
108-10-1	4-Methyl-2-Pentanone	15.2	UD	15.2	106	mg/Kg
108-88-3	Toluene	23.6	D	3.30	21.2	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	2.80	UD	2.80	21.2	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	2.60	UD	2.60	21.2	mg/Kg
79-00-5	1,1,2-Trichloroethane	3.90	UD	3.90	21.2	mg/Kg
591-78-6	2-Hexanone	15.6	UD	15.6	106	mg/Kg
124-48-1	Dibromochloromethane	3.70	UD	3.70	21.2	mg/Kg
106-93-4	1,2-Dibromoethane	3.70	UD	3.70	21.2	mg/Kg
127-18-4	Tetrachloroethene	4.40	UD	4.40	21.2	mg/Kg
108-90-7	Chlorobenzene	3.90	UD	3.90	21.2	mg/Kg
100-41-4	Ethyl Benzene	2.80	UD	2.80	21.2	mg/Kg
179601-23-1	m/p-Xylenes	6.70	JD	5.30	42.4	mg/Kg
95-47-6	o-Xylene	3.50	UD	3.50	21.2	mg/Kg
100-42-5	Styrene	3.00	UD	3.00	21.2	mg/Kg
75-25-2	Bromoform	3.60	UD	3.60	21.2	mg/Kg
98-82-8	Isopropylbenzene	3.30	UD	3.30	21.2	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.10	UD	5.10	21.2	mg/Kg
541-73-1	1,3-Dichlorobenzene	7.20	UD	7.20	21.2	mg/Kg
106-46-7	1,4-Dichlorobenzene	6.60	UD	6.60	21.2	mg/Kg
95-50-1	1,2-Dichlorobenzene	6.10	UD	6.10	21.2	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.80	UD	7.80	21.2	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	12.6	UD	12.6	21.2	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	13.5	UD	13.5	21.2	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		38 - 136	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65900	5.55			
540-36-3	1,4-Difluorobenzene	129000	6.757			
3114-55-4	Chlorobenzene-d5	122000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58900	12.018			

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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