

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Bellmawr Sub HQ	Date Received:	05/28/25
Client Sample ID:	BELL-25-0010	SDG No.:	Q2139
Lab Sample ID:	Q2139-01	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
VX046400.D	1		05/29/25 15:33	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.48	U	0.48	2.10	mg/Kg
74-87-3	Chloromethane	0.48	U	0.48	2.10	mg/Kg
75-01-4	Vinyl Chloride	0.33	U	0.33	2.10	mg/Kg
74-83-9	Bromomethane	0.45	U	0.45	2.10	mg/Kg
75-00-3	Chloroethane	0.53	U	0.53	2.10	mg/Kg
75-69-4	Trichlorofluoromethane	0.51	U	0.51	2.10	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	2.10	mg/Kg
75-35-4	1,1-Dichloroethene	0.42	U	0.42	2.10	mg/Kg
67-64-1	Acetone	2.00	U	2.00	10.6	mg/Kg
75-15-0	Carbon Disulfide	0.45	U	0.45	2.10	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.31	U	0.31	2.10	mg/Kg
79-20-9	Methyl Acetate	0.65	U	0.65	2.10	mg/Kg
75-09-2	Methylene Chloride	1.50	U	1.50	4.20	mg/Kg
156-60-5	trans-1,2-Dichloroethene	315	E	0.36	2.10	mg/Kg
75-34-3	1,1-Dichloroethane	0.34	U	0.34	2.10	mg/Kg
110-82-7	Cyclohexane	0.33	U	0.33	2.10	mg/Kg
78-93-3	2-Butanone	2.80	U	2.80	10.6	mg/Kg
56-23-5	Carbon Tetrachloride	0.41	U	0.41	2.10	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.32	U	0.32	2.10	mg/Kg
74-97-5	Bromochloromethane	0.49	U	0.49	2.10	mg/Kg
67-66-3	Chloroform	0.36	U	0.36	2.10	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.39	U	0.39	2.10	mg/Kg
108-87-2	Methylcyclohexane	6.90		0.39	2.10	mg/Kg
71-43-2	Benzene	0.33	U	0.33	2.10	mg/Kg
107-06-2	1,2-Dichloroethane	0.33	U	0.33	2.10	mg/Kg
79-01-6	Trichloroethene	0.34	U	0.34	2.10	mg/Kg
78-87-5	1,2-Dichloropropane	0.39	U	0.39	2.10	mg/Kg
75-27-4	Bromodichloromethane	0.33	U	0.33	2.10	mg/Kg
108-10-1	4-Methyl-2-Pentanone	1.50	U	1.50	10.6	mg/Kg
108-88-3	Toluene	26.7		0.33	2.10	mg/Kg

Report of Analysis

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

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046400.D	1		05/29/25 15:33	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.28	U	0.28	2.10	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.26	U	0.26	2.10	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.39	U	0.39	2.10	mg/Kg
591-78-6	2-Hexanone	1.60	U	1.60	10.6	mg/Kg
124-48-1	Dibromochloromethane	0.37	U	0.37	2.10	mg/Kg
106-93-4	1,2-Dibromoethane	0.37	U	0.37	2.10	mg/Kg
127-18-4	Tetrachloroethene	0.44	U	0.44	2.10	mg/Kg
108-90-7	Chlorobenzene	0.39	U	0.39	2.10	mg/Kg
100-41-4	Ethyl Benzene	2.10		0.28	2.10	mg/Kg
179601-23-1	m/p-Xylenes	7.30		0.53	4.20	mg/Kg
95-47-6	o-Xylene	3.80		0.35	2.10	mg/Kg
100-42-5	Styrene	0.30	U	0.30	2.10	mg/Kg
75-25-2	Bromoform	0.36	U	0.36	2.10	mg/Kg
98-82-8	Isopropylbenzene	1.00	J	0.33	2.10	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.10	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	2.10	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.66	U	0.66	2.10	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	2.10	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.78	U	0.78	2.10	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	2.10	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	1.30	2.10	mg/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	49.7	63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3	70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	50.1	74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6	38 - 136	111%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	58000	5.544
540-36-3	1,4-Difluorobenzene	115000	6.757
3114-55-4	Chlorobenzene-d5	110000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	52900	12.018

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Bellmawr Sub HQ	Date Received:	05/28/25
Client Sample ID:	BELL-25-0010	SDG No.:	Q2139
Lab Sample ID:	Q2139-01	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
VX046400.D	1		05/29/25 15:33	VX052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000591-76-4	Hexane, 2-methyl-	70600	J		5.48	ug/Kg
000565-59-3	Pentane, 2,3-dimethyl-	21200	J		5.60	ug/Kg
000589-34-4	Hexane, 3-methyl-	76100	J		5.81	ug/Kg
000922-28-1	Heptane, 3,4-dimethyl-	17800	J		6.17	ug/Kg
000142-82-5	Heptane	77300	J		6.59	ug/Kg
000111-84-2	Nonane	19700	J		10.4	ug/Kg
103-65-1	n-propylbenzene	3300	J		11.3	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	18500	J		11.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4700	J		11.5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	17600	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	1600	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	1000	J		12.0	ug/Kg
104-51-8	n-Butylbenzene	2300	J		12.3	ug/Kg
001120-21-4	Undecane	25300	J		12.4	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13900	J		13.3	ug/Kg
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	13000	J		13.4	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