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

Report of Analysis

Client:	PSEG			Date Collected:	11/06/25
Project:	Oradell Gas and Appliance Service (OR)			Date Received:	11/06/25
Client Sample ID:	OR-03-11062025			SDG No.:	Q3564
Lab Sample ID:	Q3564-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	93.8
Sample Wt/Vol:	50.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	0.20	U	2	0.20	0.42	mg/Kg	11/07/25 20:59	PB170450
108-95-2	Phenol	0.028	U	2	0.028	0.22	mg/Kg	11/07/25 20:59	PB170450
111-44-4	bis(2-Chloroethyl)ether	0.031	U	2	0.031	0.22	mg/Kg	11/07/25 20:59	PB170450
95-57-8	2-Chlorophenol	0.031	U	2	0.031	0.22	mg/Kg	11/07/25 20:59	PB170450
95-48-7	2-Methylphenol	0.038	U	2	0.038	0.22	mg/Kg	11/07/25 20:59	PB170450
108-60-1	2,2-oxybis(1-Chloropropane)	0.048	U	2	0.048	0.22	mg/Kg	11/07/25 20:59	PB170450
98-86-2	Acetophenone	0.038	U	2	0.038	0.22	mg/Kg	11/07/25 20:59	PB170450
65794-96-9	3+4-Methylphenols	0.053	U	2	0.053	0.42	mg/Kg	11/07/25 20:59	PB170450
621-64-7	n-Nitroso-di-n-propylamine	0.061	U	2	0.061	0.10	mg/Kg	11/07/25 20:59	PB170450
67-72-1	Hexachloroethane	0.023	U	2	0.023	0.22	mg/Kg	11/07/25 20:59	PB170450
98-95-3	Nitrobenzene	0.023	U	2	0.023	0.22	mg/Kg	11/07/25 20:59	PB170450
78-59-1	Isophorone	0.042	U	2	0.042	0.22	mg/Kg	11/07/25 20:59	PB170450
88-75-5	2-Nitrophenol	0.074	U	2	0.074	0.22	mg/Kg	11/07/25 20:59	PB170450
105-67-9	2,4-Dimethylphenol	0.083	U	2	0.083	0.22	mg/Kg	11/07/25 20:59	PB170450
111-91-1	bis(2-Chloroethoxy)methane	0.039	U	2	0.039	0.22	mg/Kg	11/07/25 20:59	PB170450
120-83-2	2,4-Dichlorophenol	0.036	U	2	0.036	0.22	mg/Kg	11/07/25 20:59	PB170450
91-20-3	Naphthalene	0.029	U	2	0.029	0.22	mg/Kg	11/07/25 20:59	PB170450
106-47-8	4-Chloroaniline	0.045	U	2	0.045	0.22	mg/Kg	11/07/25 20:59	PB170450
87-68-3	Hexachlorobutadiene	0.032	U	2	0.032	0.22	mg/Kg	11/07/25 20:59	PB170450
105-60-2	Caprolactam	0.067	U	2	0.067	0.42	mg/Kg	11/07/25 20:59	PB170450
59-50-7	4-Chloro-3-methylphenol	0.037	U	2	0.037	0.22	mg/Kg	11/07/25 20:59	PB170450
91-57-6	2-Methylnaphthalene	0.033	U	2	0.033	0.22	mg/Kg	11/07/25 20:59	PB170450
77-47-4	Hexachlorocyclopentadiene	0.15	U	2	0.15	0.42	mg/Kg	11/07/25 20:59	PB170450
88-06-2	2,4,6-Trichlorophenol	0.025	U	2	0.025	0.22	mg/Kg	11/07/25 20:59	PB170450
95-95-4	2,4,5-Trichlorophenol	0.037	U	2	0.037	0.22	mg/Kg	11/07/25 20:59	PB170450
92-52-4	1,1-Biphenyl	0.028	U	2	0.028	0.22	mg/Kg	11/07/25 20:59	PB170450
91-58-7	2-Chloronaphthalene	0.029	U	2	0.029	0.22	mg/Kg	11/07/25 20:59	PB170450
88-74-4	2-Nitroaniline	0.062	U	2	0.062	0.22	mg/Kg	11/07/25 20:59	PB170450
131-11-3	Dimethylphthalate	0.035	U	2	0.035	0.22	mg/Kg	11/07/25 20:59	PB170450
208-96-8	Acenaphthylene	0.037	U	2	0.037	0.22	mg/Kg	11/07/25 20:59	PB170450
606-20-2	2,6-Dinitrotoluene	0.043	U	2	0.043	0.22	mg/Kg	11/07/25 20:59	PB170450
99-09-2	3-Nitroaniline	0.059	U	2	0.059	0.22	mg/Kg	11/07/25 20:59	PB170450
83-32-9	Acenaphthene	0.11	J	2	0.027	0.22	mg/Kg	11/07/25 20:59	PB170450
51-28-5	2,4-Dinitrophenol	0.29	U	2	0.29	0.42	mg/Kg	11/07/25 20:59	PB170450
100-02-7	4-Nitrophenol	0.14	U	2	0.14	0.42	mg/Kg	11/07/25 20:59	PB170450
132-64-9	Dibenzofuran	0.029	U	2	0.029	0.22	mg/Kg	11/07/25 20:59	PB170450
121-14-2	2,4-Dinitrotoluene	0.064	U	2	0.064	0.22	mg/Kg	11/07/25 20:59	PB170450
84-66-2	Diethylphthalate	0.036	U	2	0.036	0.22	mg/Kg	11/07/25 20:59	PB170450
7005-72-3	4-Chlorophenyl-phenylether	0.034	U	2	0.034	0.22	mg/Kg	11/07/25 20:59	PB170450
86-73-7	Fluorene	0.17	J	2	0.032	0.22	mg/Kg	11/07/25 20:59	PB170450
100-01-6	4-Nitroaniline	0.082	U	2	0.082	0.22	mg/Kg	11/07/25 20:59	PB170450
534-52-1	4,6-Dinitro-2-methylphenol	0.13	U	2	0.13	0.42	mg/Kg	11/07/25 20:59	PB170450

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PSEG	Date Collected:	11/06/25
Project:	Oradell Gas and Appliance Service (OR)	Date Received:	11/06/25
Client Sample ID:	OR-03-11062025	SDG No.:	Q3564
Lab Sample ID:	Q3564-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	93.8
Sample Wt/Vol:	50.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.042	U	2	0.042	0.22	mg/Kg	11/07/25 20:59	PB170450
101-55-3	4-Bromophenyl-phenylether	0.036	U	2	0.036	0.22	mg/Kg	11/07/25 20:59	PB170450
118-74-1	Hexachlorobenzene	0.032	U	2	0.032	0.22	mg/Kg	11/07/25 20:59	PB170450
1912-24-9	Atrazine	0.044	U	2	0.044	0.22	mg/Kg	11/07/25 20:59	PB170450
87-86-5	Pentachlorophenol	0.066	U	2	0.066	0.42	mg/Kg	11/07/25 20:59	PB170450
85-01-8	Phenanthrene	1.50		2	0.027	0.22	mg/Kg	11/07/25 20:59	PB170450
120-12-7	Anthracene	0.58		2	0.043	0.22	mg/Kg	11/07/25 20:59	PB170450
86-74-8	Carbazole	0.040	U	2	0.040	0.22	mg/Kg	11/07/25 20:59	PB170450
84-74-2	Di-n-butylphthalate	0.061	U	2	0.061	0.22	mg/Kg	11/07/25 20:59	PB170450
206-44-0	Fluoranthene	4.30	E	2	0.038	0.22	mg/Kg	11/07/25 20:59	PB170450
129-00-0	Pyrene	3.40		2	0.046	0.22	mg/Kg	11/07/25 20:59	PB170450
85-68-7	Butylbenzylphthalate	0.091	U	2	0.091	0.22	mg/Kg	11/07/25 20:59	PB170450
91-94-1	3,3-Dichlorobenzidine	0.047	U	2	0.047	0.42	mg/Kg	11/07/25 20:59	PB170450
56-55-3	Benzo(a)anthracene	2.40		2	0.029	0.22	mg/Kg	11/07/25 20:59	PB170450
218-01-9	Chrysene	2.00		2	0.025	0.22	mg/Kg	11/07/25 20:59	PB170450
117-81-7	Bis(2-ethylhexyl)phthalate	0.076	U	2	0.076	0.22	mg/Kg	11/07/25 20:59	PB170450
117-84-0	Di-n-octyl phthalate	0.11	U	2	0.11	0.42	mg/Kg	11/07/25 20:59	PB170450
205-99-2	Benzo(b)fluoranthene	2.50		2	0.024	0.22	mg/Kg	11/07/25 20:59	PB170450
207-08-9	Benzo(k)fluoranthene	0.86		2	0.029	0.22	mg/Kg	11/07/25 20:59	PB170450
50-32-8	Benzo(a)pyrene	2.10		2	0.038	0.22	mg/Kg	11/07/25 20:59	PB170450
193-39-5	Indeno(1,2,3-cd)pyrene	0.87		2	0.037	0.22	mg/Kg	11/07/25 20:59	PB170450
53-70-3	Dibenzo(a,h)anthracene	0.26		2	0.035	0.22	mg/Kg	11/07/25 20:59	PB170450
191-24-2	Benzo(g,h,i)perylene	0.91		2	0.033	0.22	mg/Kg	11/07/25 20:59	PB170450
95-94-3	1,2,4,5-Tetrachlorobenzene	0.033	U	2	0.033	0.22	mg/Kg	11/07/25 20:59	PB170450
123-91-1	1,4-Dioxane	0.058	U	2	0.058	0.22	mg/Kg	11/07/25 20:59	PB170450
58-90-2	2,3,4,6-Tetrachlorophenol	0.035	U	2	0.035	0.22	mg/Kg	11/07/25 20:59	PB170450
SURROGATES									
367-12-4	2-Fluorophenol	56.8			18 - 112	38%	SPK: 150		
13127-88-3	Phenol-d6	56.7			15 - 107	38%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.0			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	44.3			20 - 109	44%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	76.7			10 - 116	51%	SPK: 150		
1718-51-0	Terphenyl-d14	42.8			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	51600							
1146-65-2	Naphthalene-d8	199000							
15067-26-2	Acenaphthene-d10	156000							
1517-22-2	Phenanthrene-d10	346000							
1719-03-5	Chrysene-d12	411000							
1520-96-3	Perylene-d12	462000							
TENTATIVE IDENTIFIED COMPOUNDS									
000233-02-3	Naphtho[2,1-b]thiophene	130	J			17.4	ug/Kg		
002531-84-2	Phenanthrene, 2-methyl-	400	J			18.4	ug/Kg		

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Project:	Oradell Gas and Appliance Service (OR)			Date Received:	11/06/25
Client Sample ID:	OR-03-11062025			SDG No.:	Q3564
Lab Sample ID:	Q3564-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	93.8
Sample Wt/Vol:	50.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000832-69-9	Phenanthrene, 1-methyl-	540	J			18.5	ug/Kg		
000610-48-0	Anthracene, 1-methyl-	290	J			18.6	ug/Kg		
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	260	J			18.9	ug/Kg		
003674-66-6	Phenanthrene, 2,5-dimethyl-	430	J			19.3	ug/Kg		
002381-21-7	Pyrene, 1-methyl-	130	J			20.3	ug/Kg		
000243-17-4	11H-Benzo[b]fluorene	140	J			20.4	ug/Kg		
074866-28-7	1,1-Binaphthalene, 2,2-dibromo-	520	J			24.4	ug/Kg		
000198-55-0	Perylene	1700	J			24.9	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