

Report of Analysis

Client:	PSEG	Date Collected:	10/07/25
Project:	Irvington ROC Project	Date Received:	10/07/25
Client Sample ID:	S-35(0-0.5)	SDG No.:	Q3307
Lab Sample ID:	Q3307-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143906.D	5	10/08/25 09:15	10/08/25 20:32	PB170020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	0.56	U	0.075	0.56	mg/Kg
208-96-8	Acenaphthylene	0.56	U	0.096	0.56	mg/Kg
83-32-9	Acenaphthene	0.41	J	0.070	0.56	mg/Kg
86-73-7	Fluorene	0.56		0.084	0.56	mg/Kg
85-01-8	Phenanthrene	2.70		0.069	0.56	mg/Kg
120-12-7	Anthracene	0.43	J	0.11	0.56	mg/Kg
206-44-0	Fluoranthene	3.40		0.099	0.56	mg/Kg
129-00-0	Pyrene	2.20		0.12	0.56	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.076	0.56	mg/Kg
218-01-9	Chrysene	1.40		0.066	0.56	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.90		0.063	0.56	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.82		0.074	0.56	mg/Kg
50-32-8	Benzo(a)pyrene	1.50		0.098	0.56	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64		0.096	0.56	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.22	J	0.091	0.56	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.82		0.085	0.56	mg/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	67.4		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.5		20 - 109	72%	SPK: 100
1718-51-0	Terphenyl-d14	47.7		10 - 105	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.881			
1146-65-2	Naphthalene-d8	416000	8.163			
15067-26-2	Acenaphthene-d10	212000	9.922			
1517-22-2	Phenanthrene-d10	316000	11.416			
1719-03-5	Chrysene-d12	287000	14.063			
1520-96-3	Perylene-d12	235000	15.539			

Report of Analysis

Client:	PSEG	Date Collected:	10/07/25
Project:	Irvington ROC Project	Date Received:	10/07/25
Client Sample ID:	S-35(0-0.5)	SDG No.:	Q3307
Lab Sample ID:	Q3307-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOC-PAH
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup :
		N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143906.D	5	10/08/25 09:15	10/08/25 20:32	PB170020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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