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

Report of Analysis

Client:	PSEG	Date Collected:	10/31/25
Project:	PSEG New Milford Switching Station and Substation	Date Received:	10/31/25
Client Sample ID:	10200	SDG No.:	Q3512
Lab Sample ID:	Q3512-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	50.02 g Final Vol: 1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541 Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	0.10	U	1	0.014	0.10	mg/Kg	11/03/25 17:56	PB170372
208-96-8	Acenaphthylene	0.10	U	1	0.017	0.10	mg/Kg	11/03/25 17:56	PB170372
83-32-9	Acenaphthene	0.10	U	1	0.013	0.10	mg/Kg	11/03/25 17:56	PB170372
86-73-7	Fluorene	0.10	U	1	0.015	0.10	mg/Kg	11/03/25 17:56	PB170372
85-01-8	Phenanthrene	0.10	U	1	0.013	0.10	mg/Kg	11/03/25 17:56	PB170372
120-12-7	Anthracene	0.10	U	1	0.020	0.10	mg/Kg	11/03/25 17:56	PB170372
206-44-0	Fluoranthene	0.10	U	1	0.018	0.10	mg/Kg	11/03/25 17:56	PB170372
129-00-0	Pyrene	0.10	U	1	0.022	0.10	mg/Kg	11/03/25 17:56	PB170372
56-55-3	Benzo(a)anthracene	0.10	U	1	0.014	0.10	mg/Kg	11/03/25 17:56	PB170372
218-01-9	Chrysene	0.10	U	1	0.012	0.10	mg/Kg	11/03/25 17:56	PB170372
205-99-2	Benzo(b)fluoranthene	0.10	U	1	0.011	0.10	mg/Kg	11/03/25 17:56	PB170372
207-08-9	Benzo(k)fluoranthene	0.10	U	1	0.013	0.10	mg/Kg	11/03/25 17:56	PB170372
50-32-8	Benzo(a)pyrene	0.10	U	1	0.018	0.10	mg/Kg	11/03/25 17:56	PB170372
193-39-5	Indeno(1,2,3-cd)pyrene	0.10	U	1	0.018	0.10	mg/Kg	11/03/25 17:56	PB170372
53-70-3	Dibenzo(a,h)anthracene	0.10	U	1	0.016	0.10	mg/Kg	11/03/25 17:56	PB170372
191-24-2	Benzo(g,h,i)perylene	0.10	U	1	0.015	0.10	mg/Kg	11/03/25 17:56	PB170372
SURROGATES									
4165-60-0	Nitrobenzene-d5	45.7			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	46.7			20 - 109	47%	SPK: 100		
1718-51-0	Terphenyl-d14	51.2			10 - 105	51%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	63500							
1146-65-2	Naphthalene-d8	239000							
15067-26-2	Acenaphthene-d10	137000							
1517-22-2	Phenanthrene-d10	234000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	192000							

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