

Report of Analysis

Client: Remington & Vernick Engineers

Project: Maclearie Park

Client Sample ID: SB-1025-1

Lab Sample ID: Q3495-01

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 30.06 g Final Vol: 1000 uL

Prep Method : SW3541 Prep Date: 10/31/25

Date Collected: 10/27/25

Date Received: 10/29/25

SDG No.: Q3495

Matrix: SOIL

% Solid: 76.2

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	29.7	U	1	29.7	220	ug/Kg	10/31/25 18:16	PB170342
208-96-8	Acenaphthylene	37.9	U	1	37.9	220	ug/Kg	10/31/25 18:16	PB170342
83-32-9	Acenaphthene	27.9	U	1	27.9	220	ug/Kg	10/31/25 18:16	PB170342
86-73-7	Fluorene	33.1	U	1	33.1	220	ug/Kg	10/31/25 18:16	PB170342
85-01-8	Phenanthrene	27.4	U	1	27.4	220	ug/Kg	10/31/25 18:16	PB170342
120-12-7	Anthracene	43.6	U	1	43.6	220	ug/Kg	10/31/25 18:16	PB170342
206-44-0	Fluoranthene	39.3	U	1	39.3	220	ug/Kg	10/31/25 18:16	PB170342
129-00-0	Pyrene	47.1	U	1	47.1	220	ug/Kg	10/31/25 18:16	PB170342
56-55-3	Benzo(a)anthracene	30.1	U	1	30.1	220	ug/Kg	10/31/25 18:16	PB170342
218-01-9	Chrysene	26.1	U	1	26.1	220	ug/Kg	10/31/25 18:16	PB170342
205-99-2	Benzo(b)fluoranthene	24.9	U	1	24.9	220	ug/Kg	10/31/25 18:16	PB170342
207-08-9	Benzo(k)fluoranthene	29.3	U	1	29.3	220	ug/Kg	10/31/25 18:16	PB170342
50-32-8	Benzo(a)pyrene	38.6	U	1	38.6	220	ug/Kg	10/31/25 18:16	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	38.1	U	1	38.1	220	ug/Kg	10/31/25 18:16	PB170342
53-70-3	Dibenzo(a,h)anthracene	35.9	U	1	35.9	220	ug/Kg	10/31/25 18:16	PB170342
191-24-2	Benzo(g,h,i)perylene	33.7	U	1	33.7	220	ug/Kg	10/31/25 18:16	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	39.5			18 - 107	39%	SPK: 100		
321-60-8	2-Fluorobiphenyl	35.9			20 - 109	36%	SPK: 100		
1718-51-0	Terphenyl-d14	33.9			10 - 105	34%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	34700							
1146-65-2	Naphthalene-d8	150000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	257000							
1719-03-5	Chrysene-d12	284000							
1520-96-3	Perylene-d12	312000							

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