

Report of Analysis

Client: Remington & Vernick Engineers

Project: Maclearie Park

Client Sample ID: PB170342BS

Lab Sample ID: PB170342BS

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 30.02 g Final Vol: 1000 uL

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

Date Collected:

Date Received:

SDG No.: Q3495

Matrix: SOIL

% Solid: 100

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1300	1	22.7		170	ug/Kg	11/03/25 12:29	PB170342
208-96-8	Acenaphthylene	1600	1	28.9		170	ug/Kg	11/03/25 12:29	PB170342
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	11/03/25 12:29	PB170342
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	11/03/25 12:29	PB170342
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	11/03/25 12:29	PB170342
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	11/03/25 12:29	PB170342
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	11/03/25 12:29	PB170342
129-00-0	Pyrene	1400	1	36.0		170	ug/Kg	11/03/25 12:29	PB170342
56-55-3	Benzo(a)anthracene	1400	1	23.0		170	ug/Kg	11/03/25 12:29	PB170342
218-01-9	Chrysene	1400	1	19.9		170	ug/Kg	11/03/25 12:29	PB170342
205-99-2	Benzo(b)fluoranthene	1500	1	19.0		170	ug/Kg	11/03/25 12:29	PB170342
207-08-9	Benzo(k)fluoranthene	1500	1	22.4		170	ug/Kg	11/03/25 12:29	PB170342
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	11/03/25 12:29	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	1500	1	29.1		170	ug/Kg	11/03/25 12:29	PB170342
53-70-3	Dibenzo(a,h)anthracene	1500	1	27.4		170	ug/Kg	11/03/25 12:29	PB170342
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	11/03/25 12:29	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	79.2		18 - 107		79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.7		20 - 109		77%	SPK: 100		
1718-51-0	Terphenyl-d14	80.8		10 - 105		81%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	329000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	832000							
1517-22-2	Phenanthrene-d10	1710000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1830000							

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