

Report of Analysis

Client: Remington & Vernick Engineers

Project: Maclearie Park

Client Sample ID: SB-1025-2MSD

Lab Sample ID: Q3495-02MSD

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 30.05 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: 75.1

Test: SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
208-96-8	Acenaphthylene	2200		1	38.4	230	ug/Kg	11/03/25 17:35	PB170342
83-32-9	Acenaphthene	1800		1	28.3	230	ug/Kg	11/03/25 17:35	PB170342
86-73-7	Fluorene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
85-01-8	Phenanthrene	1900		1	27.8	230	ug/Kg	11/03/25 17:35	PB170342
120-12-7	Anthracene	1900		1	44.3	230	ug/Kg	11/03/25 17:35	PB170342
206-44-0	Fluoranthene	1900		1	39.9	230	ug/Kg	11/03/25 17:35	PB170342
129-00-0	Pyrene	2000		1	47.9	230	ug/Kg	11/03/25 17:35	PB170342
56-55-3	Benzo(a)anthracene	1900		1	30.6	230	ug/Kg	11/03/25 17:35	PB170342
218-01-9	Chrysene	1900		1	26.5	230	ug/Kg	11/03/25 17:35	PB170342
205-99-2	Benzo(b)fluoranthene	1900		1	25.3	230	ug/Kg	11/03/25 17:35	PB170342
207-08-9	Benzo(k)fluoranthene	1900		1	29.8	230	ug/Kg	11/03/25 17:35	PB170342
50-32-8	Benzo(a)pyrene	2100		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
53-70-3	Dibenzo(a,h)anthracene	2000		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
191-24-2	Benzo(g,h,i)perylene	2100		1	34.2	230	ug/Kg	11/03/25 17:35	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	46.1			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	40.7			20 - 109	41%	SPK: 100		
1718-51-0	Terphenyl-d14	42.9			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	838000							
1517-22-2	Phenanthrene-d10	1700000							
1719-03-5	Chrysene-d12	1740000							
1520-96-3	Perylene-d12	1960000							

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