

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: SB-1025-2MS
Lab Sample ID: Q3495-02MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 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	2000	1	30.2		230	ug/Kg	11/03/25 16:54	PB170342
208-96-8	Acenaphthylene	2300	1	38.4		230	ug/Kg	11/03/25 16:54	PB170342
83-32-9	Acenaphthene	1900	1	28.3		230	ug/Kg	11/03/25 16:54	PB170342
86-73-7	Fluorene	2000	1	33.6		230	ug/Kg	11/03/25 16:54	PB170342
85-01-8	Phenanthrene	2000	1	27.8		230	ug/Kg	11/03/25 16:54	PB170342
120-12-7	Anthracene	2100	1	44.3		230	ug/Kg	11/03/25 16:54	PB170342
206-44-0	Fluoranthene	2100	1	39.9		230	ug/Kg	11/03/25 16:54	PB170342
129-00-0	Pyrene	1900	1	47.9		230	ug/Kg	11/03/25 16:54	PB170342
56-55-3	Benzo(a)anthracene	2100	1	30.6		230	ug/Kg	11/03/25 16:54	PB170342
218-01-9	Chrysene	2100	1	26.5		230	ug/Kg	11/03/25 16:54	PB170342
205-99-2	Benzo(b)fluoranthene	2100	1	25.3		230	ug/Kg	11/03/25 16:54	PB170342
207-08-9	Benzo(k)fluoranthene	2100	1	29.8		230	ug/Kg	11/03/25 16:54	PB170342
50-32-8	Benzo(a)pyrene	2200	1	39.2		230	ug/Kg	11/03/25 16:54	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2200	1	38.7		230	ug/Kg	11/03/25 16:54	PB170342
53-70-3	Dibenzo(a,h)anthracene	2200	1	36.4		230	ug/Kg	11/03/25 16:54	PB170342
191-24-2	Benzo(g,h,i)perylene	2200	1	34.2		230	ug/Kg	11/03/25 16:54	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	49.0		18 - 107		49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.1		20 - 109		43%	SPK: 100		
1718-51-0	Terphenyl-d14	43.2		10 - 105		43%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	230000							
1146-65-2	Naphthalene-d8	913000							
15067-26-2	Acenaphthene-d10	574000							
1517-22-2	Phenanthrene-d10	1150000							
1719-03-5	Chrysene-d12	1320000							
1520-96-3	Perylene-d12	1550000							

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