

Groundwater Monitoring

EPL No:	20476
Reporting period	Q1 2025-26

Pollutant	Unit*	Frequency	Monitoring Location Identification									
			Date of Sampling	19/03/2026	19/03/2026	19/03/2026	19/03/2026	19/03/2026	16/03/2026	19/03/2026	19/03/2026	19/03/2026
			Date of Reported Results	29/04/2026	29/04/2026	29/04/2026	29/04/2026	29/04/2026	29/04/2026	29/04/2026	29/04/2026	29/04/2026
			MB32 (11)	MBJH (14)	WM6R (15)	MB7 (16)	MW9SR (17)	MB13 (20)	MB6 (18)	MB36 (19)		
Alkalinity (as CaCO3)	mg/L	Quarterly	370	74	120	690	240	650			Dry	Dry
Aluminium	mg/L	Quarterly	1.000	9.4	0.01	<0.01	1	0.01				
Arsenic	mg/L	Quarterly	0.002	0.053	0.001	<0.001	0.006	<0.001				
Barium	mg/L	Quarterly	0.074	0.42	0.041	0.15	0.014	0.028				
Benzene	mg/L	Quarterly	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Cadmium	mg/L	Quarterly	0.0008	0.0001	0.0025	0.0011	0.011	0.0003				
Calcium	mg/L	Quarterly	100	45	70	260	400	130				
Chloride	mg/L	Quarterly	2900	1100	4100	2500	1700	660				
Chromium (Hex)	mg/L	Quarterly	<0.01	<0.005		<0.005	<0.005	<0.005				
Chromium (Total)	mg/L	Quarterly	<0.001	0.004	<0.001	<0.001	0.002	<0.001				
Cobalt	mg/L	Quarterly	0.004	0.12	0.031	<0.001	3.5	<0.001				
Copper	mg/L	Quarterly	0.007	0.036	0.025	<0.001	0.003	0.002				
Electrical Conductivity	µS/cm	Quarterly	10189	4200	11992	7400	13899	3400				
Ethyl Benzene	mg/L	Quarterly			<0.002	<0.002	<0.002					
Fluoride	mg/L	Quarterly	0.8	0.2	0.4	0.3	2	0.6				
Lead	mg/L	Quarterly	0.003	0.006	0.001	<0.001	0.007	<0.001				
Magnesium	mg/L	Quarterly	230	140	290	430	1800	170				
Manganese	mg/L	Quarterly	0.450	5.7	0.14	0.36	110	0.029				
Mercury	mg/L	Quarterly	<0.0001	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005				
Nitrate	mg/L	Quarterly	0.03	<0.005	22	0.094	<0.005	0.72				
Nitrite	mg/L	Quarterly	<0.01	0.01	<0.005	<0.005	<0.005	<0.005				
Nitrogen (Ammonia)	mg/L	Quarterly	0.080	0.22	0.093	0.095	4.9	0.058				
Organo-chlorine pesticides	mg/L	Quarterly	<0.000001	<0.000001	<0.000001	<0.000001	<0.000001	<0.000001				
Organo-phosphate pesticides	mg/L	Quarterly	<0.00005	<0.00005	<0.00005	<0.00004	<0.00005	<0.00005				
pH	pH	Quarterly	7.60	6	6.5	6.5	5.8	7.5				
Polycyclic Aromatic Hydrocarbons	mg/L	Quarterly	<0.00002	0.13	<0.00001	<0.00001	<0.00001	<0.00001				
Potassium	mg/L	Quarterly	3.0	17	1	9.9	6.2	3				
Sodium	mg/L	Quarterly	1500	540	1700	520	2000	340				
Standing Water Level	m	Quarterly	3.00	14.2	3.73	2.63	5.56	2.47				
Sulphate	mg/L	Quarterly	520	110	400	280	13000	68				
Toluene	mg/L	Quarterly	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Total Dissolved Solids	mg/L	Quarterly	6400	4300	8000	7300	21000	2700				
Total Organic Carbon	mg/L	Quarterly	7	300	6	6	33	2				
Total Phenols	mg/L	Quarterly	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
TPH C10-C14	mg/L	Quarterly	<0.05	0.32	<0.05	<0.05	0.11	<0.05				
TPH C15- C28	mg/L	Quarterly	<0.10	0.4	<0.1	<0.1	0.18	<0.1				
TPH C29-C36	mg/L	Quarterly	<0.10	0.24	<0.1	<0.1	<0.1	<0.1				
TPH C6-C9	mg/L	Quarterly	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Xylene	mg/L	Quarterly	<0.001									
Zinc	mg/L	Quarterly	0.11	0.095	0.51	0.23	320	0.23				

* Unit of Measure Abbreviations	
Microsiemens per centimetre	µS/cm
Milligrams per Litre	mg/L
Milliequivalents per litre	mEq/L
Millivolts	mV

Veolia Environmental Services Pty Ltd EPL 20476

Licensee:
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Premises:
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