



Stormwater Monitoring

EPL No: 11584

Pollutant	Unit*	5/4/2024	6/4/2024	6/5/2024	12/5/2024	2/6/2024	7/6/2024	22/6/2024
		Point 1	Point 1	Point 1	Point 1	Point 1	Point 1	Point 1
pH (lab)	pH units	7.25	7.24	7.62	7.59	6.97	7.29	7.14
Electrical Conductivity (EC)	µg/L	188	130	276	252	205	347	413
Total Dissolved Solids (TDS)	mg/L	382	406	270	292	446	280	361
Total Suspended Solids	mg/L	773	1330	965	262	280	290	267
Turbidity	NTU	2000	1150	1640	582	412	442	506
Total Alkalinity (as Calcium Carbonate)	mg/L	57	47	68	80	51	83	78
Calcium	mg/L	5	4	8	6	7	12	12
Magnesium	mg/L	4	3	6	4	5	8	9
Sodium	mg/L	28	20	37	38	30	54	60
Potassium	mg/L	3	2	4	3	3	4	5
Aluminium	mg/L	2.18	3.67	8.52	0.68	0.76	5.57	6.15
Arsenic	mg/L	0.004	0.003	0.004	<0.001	0.001	0.003	0.003
Barium	mg/L	0.184	0.145	0.128	0.04	0.041	0.071	0.084
Cadmium	mg/L	0.0003	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (III+VI)	mg/L	0.004	0.004	0.009	<0.001	<0.001	0.006	0.006
Copper	mg/L	0.076	0.077	0.047	0.025	0.022	0.026	0.03
Cobalt	mg/L	0.039	0.036	0.022	0.009	0.009	0.011	0.013
Nickel	mg/L	0.047	0.052	0.028	0.014	0.012	0.016	0.018
Lead	mg/L	0.031	0.027	0.021	0.007	0.008	0.011	0.011
Zinc	mg/L	0.129	0.129	0.084	0.04	0.062	0.047	0.053
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (hexavalent)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ammonia as N	mg/L	0.03	0.1	0.31	0.33	0.55	0.22	0.99
Nitrogen (Total Oxidised) (as N)	mg/L	0.12	0.23	0.28	0.17	0.19	2.92	0.37
Phosphorus (Total)	mg/L	0.02	3.6	0.01	1.07	1.58	2.69	2.78
Total Organic Carbon	mg/L	9	4	2	<1	2	2	2
Oil & Grease	mg/L	<5	<5	<5	<5	<5	<5	<5
Biochemical Oxygen Demand (BOD)	mg/L	<2	14	7	2	8	3	<2
Phenol	µg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Polychlorinated biphenyls	mg/L	<1	<1	<1	<1	<1	<1	<1
Organochlorine Pesticides (OC)	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Organophosphorus Pesticides (OP)	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Fumigants	µg/L	<5	<5	<5	<5	<5	<5	<5
Halogenated Aliphatic Compounds	µg/L	<50	<50	<50	<50	<50	<50	<50
Halogenated Aromatic Compounds	µg/L	<5	<5	<5	<5	<5	<5	<5
Trihalomethanes	µg/L	<5	<5	<5	<5	<5	<5	<5
Polynuclear Aromatic Hydrocarbons	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Petroleum Hydrocarbons	µg/L	<100	<100	<100	<100	<100	<100	<100
Total Recoverable Hydrocarbons	µg/L	<100	<100	<100	<100	<100	<100	<100
Benzene	µg/L	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/L	<2	<2	<2	<2	<2	<2	<2
Ethylbenzene	µg/L	<2	<2	<2	<2	<2	<2	<2
Xylene (o)	µg/L	<2	<2	<2	<2	<2	<2	<2
Naphthalene	µg/L	<5	<5	<5	<5	<5	<5	<5

* Unit of Measure Abbreviations

Metres	m
Microsiemens per centimetre	µS/cm
Milligrams per Litre	mg/L
Micrograms per Litre	µg/L
Nephelometric Turbidity Unit	NTU

<https://apps.epa.nsw.gov.au/prpoeoapp/ViewPQEOLicence.aspx?DOCID=243148&SYSUID=1&LICID=11584>