

Pollutant Monitoring Results - Groundwater



EPL No:	4068
Entity Name:	Elizabeth Drive Landfill
Site:	1725 Elizabeth Drive,KEMPS CREEK, NSW, 2178
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	EPL Limit	20/03/2025	9/05/2025			Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
G1a	16	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	1200				n/a	2	2	1200	1200	1200	
	16	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Calcium	mg/L	6 Monthly	n/a	67				n/a	2	2	67	67	67	
	16	Chloride	mg/L	6 Monthly	n/a	2200				n/a	2	2	2200	2200	2200	
	16	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Conductivity	µS/cm	6 Monthly	n/a	8748				n/a	2	1	8748	8748	8748	
	16	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	16	Dissolved Oxygen	mg/L	6 Monthly	n/a	2.14				n/a	2	1	2	2	2	
	16	Fluoride	mg/L	6 Monthly	n/a	0.5				n/a	2	2	1	1	1	
	16	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Magnesium	mg/L	6 Monthly	n/a	210				n/a	2	2	210	210	210	
	16	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	16	Nitrate	mg/L	6 Monthly	n/a	0.03				n/a	2	2	0	0	0	
	16	Nitrite	mg/L	6 Monthly	n/a	0.026				n/a	2	2	0	0	0	
	16	Nitrogen (ammonia)	mg/L	Quarterly	15	0.56	0.65			N	4	2	1	1	1	
	16	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.9				n/a	2	2	1	1	1	
	16	pH	pH Unit	6 Monthly	n/a	6.95				n/a	2	1	7	7	7	
	16	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	2	<0.05	<0.05	<0.05	
	16	Phosphorus (Total)	mg/L	6 Monthly	n/a	5				n/a	2	2	5	5	5	
	16	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1				n/a	2	2	<0.1	<0.1	<0.1	
	16	Potassium	mg/L	6 Monthly	n/a	11				n/a	2	2	11	11	11	
	16	Redox potential	mV	6 Monthly	n/a	-31.4				n/a	2	1	-31	-31	-31	
	16	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	16	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	16	Sodium	mg/L	6 Monthly	n/a	1300				n/a	2	2	1300	1300	1300	
	16	Standing Water Level	Metres	Quarterly	n/a	17.05	16.27			n/a	4	2	16	17	17	
	16	Sulfate	mg/L	6 Monthly	n/a	500				n/a	2	2	500	500	500	
	16	Total organic carbon	mg/L	Quarterly	n/a	3	2			n/a	4	2	2	3	3	
	16	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a					n/a	2	1	0	#DIV/0!	0	
	16	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
G3a	17	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	920				n/a	2	2	920	920	920	
	17	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Calcium	mg/L	6 Monthly	n/a	360				n/a	2	2	360	360	360	
	17	Chloride	mg/L	6 Monthly	n/a	6400				n/a	2	2	6400	6400	6400	
	17	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	17	Conductivity	µS/cm	6 Monthly	n/a	17465				n/a	2	1	17465	17465	17465	
	17	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	17	Dissolved Oxygen	mg/L	6 Monthly	n/a	0.94				n/a	2	1	1	1	1	
	17	Fluoride	mg/L	6 Monthly	n/a	0.2				n/a	2	1	0	0	0	
	17	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	17	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	17	Magnesium	mg/L	6 Monthly	n/a	310				n/a	2	1	310	310	310	
	17	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	17	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	17	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	EPL Limit	20/03/2025	9/05/2025			Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
	17	Nitrate	mg/L	6 Monthly	n/a	<0.005				n/a	2	1	<0.005	<0.005	<0.005	
	17	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	1	<0.005	<0.005	<0.005	
	17	Nitrogen (ammonia)	mg/L	Quarterly	15	6.8	7.2			N	4	2	7	7	7	
	17	Nitrogen (Total)	mg/L	6 Monthly	n/a	9.2				n/a	2	2	9	9	9	
	17	pH	pH Unit	6 Monthly	n/a	6.8				n/a	2	1	7	7	7	
	17	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	2	<0.05	<0.05	<0.05	
	17	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	2	<0.05	<0.05	<0.05	
	17	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.14				n/a	2	2	0	0	0	
	17	Potassium	mg/L	6 Monthly	n/a	62				n/a	2	2	62	62	62	
	17	Redox potential	mV	6 Monthly	n/a	-131.9				n/a	2	1	-132	-132	-132	
	17	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	17	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	17	Sodium	mg/L	6 Monthly	n/a	2700				n/a	2	2	2700	2700	2700	
	17	Standing Water Level	Metres	Quarterly	n/a	0.84	0.42			n/a	4	2	0	1	1	
	17	Sulfate	mg/L	6 Monthly	n/a	5				n/a	2	2	5	5	5	
	17	Total organic carbon	mg/L	Quarterly	n/a	4	2			n/a	4	2	2	3	4	
	17	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	17	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
G4a	18	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	860				n/a	2	2	860	860	860	
	18	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Calcium	mg/L	6 Monthly	n/a	260				n/a	2	2	260	260	260	
	18	Chloride	mg/L	6 Monthly	n/a	9300				n/a	2	2	9300	9300	9300	
	18	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Conductivity	µS/cm	6 Monthly	n/a	25606				n/a	2	1	25606	25606	25606	
	18	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	18	Dissolved Oxygen	mg/L	6 Monthly	n/a	1.02				n/a	2	1	1	1	1	
	18	Fluoride	mg/L	6 Monthly	n/a	0.5				n/a	2	2	1	1	1	
	18	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Magnesium	mg/L	6 Monthly	n/a	720				n/a	2	2	720	720	720	
	18	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	18	Nitrate	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	18	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	18	Nitrogen (ammonia)	mg/L	Quarterly	15	3.3	3.5			N	4	2	3	3	4	
	18	Nitrogen (Total)	mg/L	6 Monthly	n/a	4.1				n/a	2	2	4	4	4	
	18	pH	pH Unit	6 Monthly	n/a	6.68				n/a	2	1	7	7	7	
	18	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	18	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	18	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1				n/a	2	1	<0.1	<0.1	<0.1	
	18	Potassium	mg/L	6 Monthly	n/a	50				n/a	2	1	50	50	50	
	18	Redox potential	mV	6 Monthly	n/a	-82.1				n/a	2	1	-82	-82	-82	
	18	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	18	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	18	Sodium	mg/L	6 Monthly	n/a	4400				n/a	2	2	4400	4400	4400	
	18	Standing Water Level	Metres	Quarterly	n/a	0.37	1.19			n/a	4	2	0	1	1	
	18	Sulfate	mg/L	6 Monthly	n/a	710				n/a	2	2	710	710	710	
	18	Total organic carbon	mg/L	Quarterly	n/a	1	<1			n/a	4	2	1	1	1	
	18	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	18	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	750				n/a	2	2	750	750	750	
	19	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Calcium	mg/L	6 Monthly	n/a	79				n/a	2	2	79	79	79	
	19	Chloride	mg/L	6 Monthly	n/a	3800				n/a	2	2	3800	3800	3800	
	19	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Conductivity	µS/cm	6 Monthly	n/a	12554				n/a	2	1	12554	12554	12554	
	19	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	19	Dissolved Oxygen	mg/L	6 Monthly	n/a	3.91				n/a	2	1	4	4	4	
	19	Fluoride	mg/L	6 Monthly	n/a	0.4				n/a	2	1	0	0	0	
	19	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	EPL Limit	20/03/2025	9/05/2025			Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
G5	19	Magnesium	mg/L	6 Monthly	n/a	220				n/a	2	2	220	220	220	
	19	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	19	Nitrate	mg/L	6 Monthly	n/a	0.21				n/a	2	2	0	0	0	
	19	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	19	Nitrogen (ammonia)	mg/L	Quarterly	15	0.074	0.03			N	4	2	0	0	0	
	19	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.5				n/a	2	2	1	1	1	
	19	pH	pH Unit	6 Monthly	n/a	7.31				n/a	2	1	7	7	7	
	19	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	19	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	19	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1				n/a	2	1	<0.1	<0.1	<0.1	
	19	Potassium	mg/L	6 Monthly	n/a	8.4				n/a	2	1	8	8	8	
	19	Redox potential	mV	6 Monthly	n/a	9.4				n/a	2	1	9	9	9	
	19	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	1	<0.001	<0.001	<0.001	
	19	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	19	Sodium	mg/L	6 Monthly	n/a	2200				n/a	2	2	2200	2200	2200	
G6	19	Standing Water Level	Metres	Quarterly	n/a	12.11	12.22			n/a	4	2	12	12	12	
	19	Sulfate	mg/L	6 Monthly	n/a	700				n/a	2	2	700	700	700	
	19	Total organic carbon	mg/L	Quarterly	n/a	5	4			n/a	4	2	4	5	5	
	19	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	19	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	390				n/a	2	2	390	390	390	
	20	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Calcium	mg/L	6 Monthly	n/a	120				n/a	2	2	120	120	120	
	20	Chloride	mg/L	6 Monthly	n/a	4000				n/a	2	2	4000	4000	4000	
	20	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Conductivity	µS/cm	6 Monthly	n/a	13348				n/a	2	1	13348	13348	13348	
	20	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	20	Dissolved Oxygen	mg/L	6 Monthly	n/a	1.92				n/a	2	1	2	2	2	
	20	Fluoride	mg/L	6 Monthly	n/a	0.2				n/a	2	2	0	0	0	
	20	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Magnesium	mg/L	6 Monthly	n/a	240				n/a	2	2	240	240	240	
	20	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	20	Nitrate	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	20	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	20	Nitrogen (ammonia)	mg/L	Quarterly	15	0.66	2.4			N	4	2	1	2	2	
	20	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.9				n/a	2	2	1	1	1	
	20	pH	pH Unit	6 Monthly	n/a	6.86				n/a	2	1	7	7	7	
	20	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	20	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	20	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1				n/a	2	1	<0.1	<0.1	<0.1	
	20	Potassium	mg/L	6 Monthly	n/a	18				n/a	2	1	18	18	18	
	20	Redox potential	mV	6 Monthly	n/a	-74.8				n/a	2	1	-75	-75	-75	
	20	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	20	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	20	Sodium	mg/L	6 Monthly	n/a	2200				n/a	2	2	2200	2200	2200	
	20	Standing Water Level	Metres	Quarterly	n/a	3.25	2.94			n/a	4	2	3	3	3	
	20	Sulfate	mg/L	6 Monthly	n/a	410				n/a	2	2	410	410	410	
	20	Total organic carbon	mg/L	Quarterly	n/a	3	2			n/a	4	2	2	3	3	
	20	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	20	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	500				n/a	2	2	500	500	500	
	21	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	21	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	21	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	21	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	21	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	21	Calcium	mg/L	6 Monthly	n/a	260				n/a	2	2	260	260	260	
	21	Chloride	mg/L	6 Monthly	n/a	9200				n/a	2	2	9200	9200	9200	
	21	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Conductivity	µS/cm	6 Monthly	n/a	26848				n/a	2	1	26848	26848	26848	
	21	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	EPL Limit	20/03/2025	9/05/2025			Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
G7	21	Dissolved Oxygen	mg/L	6 Monthly	n/a	1.42				n/a	2	1	1	1	1	
	21	Fluoride	mg/L	6 Monthly	n/a	0.3				n/a	2	2	0	0	0	
	21	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Magnesium	mg/L	6 Monthly	n/a	980				n/a	2	2	980	980	980	
	21	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	21	Nitrate	mg/L	6 Monthly	n/a	0.14				n/a	2	2	0	0	0	
	21	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	21	Nitrogen (ammonia)	mg/L	Quarterly	15	0.92	1.3			N	4	2	1	1	1	
	21	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.9				n/a	2	2	1	1	1	
	21	pH	pH Unit	6 Monthly	n/a	6.32				n/a	2	1	6	6	6	
	21	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	21	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	21	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1				n/a	2	1	<0.1	<0.1	<0.1	
	21	Potassium	mg/L	6 Monthly	n/a	18				n/a	2	1	18	18	18	
	21	Redox potential	mV	6 Monthly	n/a	-7.1				n/a	2	1	-7	-7	-7	
	21	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	21	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	21	Sodium	mg/L	6 Monthly	n/a	4300				n/a	2	2	4300	4300	4300	
	21	Standing Water Level	Metres	Quarterly	n/a	9.63	6.7			n/a	4	2	7	8	10	
	21	Sulfate	mg/L	6 Monthly	n/a	1200				n/a	2	2	1200	1200	1200	
	21	Total organic carbon	mg/L	Quarterly	n/a	3	<1			n/a	4	2	3	3	3	
	21	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	21	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
G9	22	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	1000				n/a	2	2	1000	1000	1000	
	22	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Cadmium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Calcium	mg/L	6 Monthly	n/a	290				n/a	2	2	290	290	290	
	22	Chloride	mg/L	6 Monthly	n/a	5000				n/a	2	2	5000	5000	5000	
	22	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Conductivity	µS/cm	6 Monthly	n/a	16785				n/a	2	1	16785	16785	16785	
	22	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	22	Dissolved Oxygen	mg/L	6 Monthly	n/a	3.03				n/a	2	1	3	3	3	
	22	Fluoride	mg/L	6 Monthly	n/a	0.3				n/a	2	2	0	0	0	
	22	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Magnesium	mg/L	6 Monthly	n/a	300				n/a	2	2	300	300	300	
	22	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	22	Nitrate	mg/L	6 Monthly	n/a	0.009				n/a	2	2	0	0	0	
	22	Nitrite	mg/L	6 Monthly	n/a	<0.005				n/a	2	2	<0.005	<0.005	<0.005	
	22	Nitrogen (ammonia)	mg/L	Quarterly	15	6.5	6.3			N	4	2	6	6	7	
	22	Nitrogen (Total)	mg/L	6 Monthly	n/a	8.1				n/a	2	2	8	8	8	
	22	pH	pH Unit	6 Monthly	n/a	6.74				n/a	2	1	7	7	7	
	22	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	22	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05				n/a	2	1	<0.05	<0.05	<0.05	
	22	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.27				n/a	2	1	0	0	0	
	22	Potassium	mg/L	6 Monthly	n/a	53				n/a	2	1	53	53	53	
	22	Redox potential	mV	6 Monthly	n/a	-131				n/a	2	1	-131	-131	-131	
	22	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	1	<0.001	<0.001	<0.001	
	22	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	22	Sodium	mg/L	6 Monthly	n/a	2600				n/a	2	2	2600	2600	2600	
	22	Standing Water Level	Metres	Quarterly	n/a	12.91	14.13			n/a	4	2	13	14	14	
	22	Sulfate	mg/L	6 Monthly	n/a	<1				n/a	2	2	<1	<1	<1	
	22	Total organic carbon	mg/L	Quarterly	n/a	4	2			n/a	4	2	2	3	4	
	22	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	22	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	1200				n/a	2	2	1200	1200	1200	
	54	Aluminium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	54	Arsenic	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	54	Barium	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	54	Benzene	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	54	Calcium	mg/L	6 Monthly	n/a	160				n/a	2	2	160	160	160	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	EPL Limit	20/03/2025	9/05/2025			Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
G10	54	Chloride	mg/L	6 Monthly	n/a	4900				n/a	2	2	4900	4900	4900	
	54	Chromium	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Conductivity	µS/cm	6 Monthly	n/a	15026				n/a	2	1	15026	15026	15026	
	54	Copper	mg/L	Annually	n/a					n/a	1	1	0	#DIV/0!	0	
	54	Dissolved Oxygen	mg/L	6 Monthly	n/a	0.91				n/a	2	1	1	1	1	
	54	Fluoride	mg/L	6 Monthly	n/a	0.5				n/a	2	2	1	1	1	
	54	Iron	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Lead	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Magnesium	mg/L	6 Monthly	n/a	390				n/a	2	2	390	390	390	
	54	Manganese	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Mercury	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Nickel	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
	54	Nitrate	mg/L	6 Monthly	n/a	1.6				n/a	2	2	2	2	2	
	54	Nitrite	mg/L	6 Monthly	n/a	0.006				n/a	2	2	0	0	0	
	54	Nitrogen (ammonia)	mg/L	Quarterly	15	0.27	0.085			N	4	2	0	0	0	
	54	Nitrogen (Total)	mg/L	6 Monthly	n/a	2.1				n/a	2	2	2	2	2	
	54	pH	pH Unit	6 Monthly	n/a	6.9				n/a	2	1	7	7	7	
	54	Phenols	mg/L	6 Monthly	n/a	<0.05				n/a	2	2	<0.05	<0.05	<0.05	
	54	Phosphorus (Total)	mg/L	6 Monthly	n/a	0.3				n/a	2	2	0	0	0	
	54	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.1				n/a	2	2	0	0	0	
	54	Potassium	mg/L	6 Monthly	n/a	21				n/a	2	2	21	21	21	
	54	Redox potential	mV	6 Monthly	n/a	5.8				n/a	2	1	6	6	6	
	54	Selenium	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	54	Silver	mg/L	6 Monthly	n/a	<0.001				n/a	2	2	<0.001	<0.001	<0.001	
	54	Sodium	mg/L	6 Monthly	n/a	2400				n/a	2	2	2400	2400	2400	
	54	Standing Water Level	Metres	Quarterly	n/a	13.1	1.85			n/a	4	2	2	7	13	
	54	Sulfate	mg/L	6 Monthly	n/a	300				n/a	2	2	300	300	300	
	54	Total organic carbon	mg/L	Quarterly	n/a	2	3			n/a	4	2	2	3	3	
	54	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01				n/a	2	2	<0.01	<0.01	<0.01	
	54	Zinc	mg/L	Annually	n/a					n/a	1	0	0	#DIV/0!	0	
						Date Monitoring Data Obtained		17/04/2025	30/05/2025							
						Date Uploaded		2/05/2025	13/06/2025							

Note:
"- " Monitoring data not available yet, monitoring yet to be conducted.
"*" Analysis was missed during this monitoring event - scheduled for the December 2024 monitoring event.