

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	Not yet sampled
	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	
									7/08/2025							
G3a	17	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	920		910		n/a	2	3	910	915	920	
	17	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	17	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	17	Barium	mg/L	Annually	n/a			47		n/a	1	2	47	47	47	
	17	Benzene	mg/L	Annually	n/a			0.002		n/a	1	2	0	0	0	
	17	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	17	Calcium	mg/L	6 Monthly	n/a	360		320		n/a	2	3	320	340	360	
	17	Chloride	mg/L	6 Monthly	n/a	6400		4200		n/a	2	3	4200	5300	6400	
	17	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	17	Conductivity	µS/cm	6 Monthly	n/a	17465		16115		n/a	2	2	16115	16790	17465	
	17	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	17	Dissolved Oxygen	mg/L	6 Monthly	n/a	0.94		0.21		n/a	2	2	0	1	1	
	17	Fluoride	mg/L	6 Monthly	n/a	0.2		0.2		n/a	2	2	0	0	0	
	17	Iron	mg/L	Annually	n/a			0.75		n/a	1	1	1	1	1	
	17	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	17	Magnesium	mg/L	6 Monthly	n/a	310		260		n/a	2	2	260	285	310	
	17	Manganese	mg/L	Annually	n/a			0.22		n/a	1	1	0	0	0	
	17	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	17	Nickel	mg/L	Annually	n/a			<0.001		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
	17	Nitrate	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	2	<0.005	<0.005	<0.005	
	17	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	2	<0.005	<0.005	<0.005	
	17	Nitrogen (ammonia)	mg/L	Quarterly	15	6.8	7.2	6.8		N	4	3	7	7	7	
	17	Nitrogen (Total)	mg/L	6 Monthly	n/a	9.2		6.9		n/a	2	3	7	8	9	
	17	pH	pH Unit	6 Monthly	n/a	6.8		6.8		n/a	2	2	7	7	7	
	17	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	3	<0.05	<0.05	<0.05	
	17	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		0.06		n/a	2	3	<0.05	<0.05	<0.05	
	17	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.14		0.00019		n/a	2	3	0	0	0	
	17	Potassium	mg/L	6 Monthly	n/a	62		59		n/a	2	3	59	61	62	
	17	Redox potential	mV	6 Monthly	n/a	-131.9		-110		n/a	2	2	-132	-121	-110	
	17	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	17	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	17	Sodium	mg/L	6 Monthly	n/a	2700		2900		n/a	2	3	2700	2800	2900	
	17	Standing Water Level	Metres	Quarterly	n/a	0.84	0.42	0.46		n/a	4	3	0	1	1	
	17	Sulfate	mg/L	6 Monthly	n/a	5		15		n/a	2	3	5	10	15	
	17	Total organic carbon	mg/L	Quarterly	n/a	4	2	5		n/a	4	3	2	4	5	
	17	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	17	Zinc	mg/L	Annually	n/a			0.032		n/a	1	1	0	0	0	
G4a	18	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	860		880		n/a	2	3	860	870	880	
	18	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	18	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	18	Barium	mg/L	Annually	n/a			0.099		n/a	1	2	0	0	0	
	18	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	18	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	18	Calcium	mg/L	6 Monthly	n/a	260		270		n/a	2	3	260	265	270	
	18	Chloride	mg/L	6 Monthly	n/a	9300		6900		n/a	2	3	6900	8100	9300	
	18	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	18	Conductivity	µS/cm	6 Monthly	n/a	25606		25790		n/a	2	2	25606	25698	25790	
	18	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	18	Dissolved Oxygen	mg/L	6 Monthly	n/a	1.02		2.15		n/a	2	2	1	2	2	
	18	Fluoride	mg/L	6 Monthly	n/a	0.5		0.4		n/a	2	3	0	0	1	
	18	Iron	mg/L	Annually	n/a			0.62		n/a	1	1	1	1	1	
	18	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	18	Magnesium	mg/L	6 Monthly	n/a	720		680		n/a	2	3	680	700	720	
	18	Manganese	mg/L	Annually	n/a			0.29		n/a	1	1	0	0	0	
	18	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	18	Nickel	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	18	Nitrate	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	18	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	18	Nitrogen (ammonia)	mg/L	Quarterly	15	3.3	3.5	3.3		N	4	3	3	3	4	
	18	Nitrogen (Total)	mg/L	6 Monthly	n/a	4.1		3.2		n/a	2	3	3	4	4	
	18	pH	pH Unit	6 Monthly	n/a	6.68		6.69		n/a	2	2	7	7	7	
	18	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	18	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	18	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1		<0.0001		n/a	2	2	<0.1	<0.1	<0.1	
	18	Potassium	mg/L	6 Monthly	n/a	50		50		n/a	2	2	50	50	50	
	18	Redox potential	mV	6 Monthly	n/a	-82.1		-31.5		n/a	2	2	-82	-57	-32	
	18	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	18	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	18	Sodium	mg/L	6 Monthly	n/a	4400		5000		n/a	2	3	4400	4700	5000	
	18	Standing Water Level	Metres	Quarterly	n/a	0.37	1.19	2.18		n/a	4	3	0	1	2	
	18	Sulfate	mg/L	6 Monthly	n/a	710		530		n/a	2	3	530	620	710	
	18	Total organic carbon	mg/L	Quarterly	n/a	1	<1	<1		n/a	4	3	1	1	1	
	18	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	18	Zinc	mg/L	Annually	n/a			0.01		n/a	1	1	0	0	0	
	19	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	750		790		n/a	2	3	750	770	790	
	19	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	19	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	19	Barium	mg/L	Annually	n/a			0.042		n/a	1	2	0	0	0	
	19	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	19	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	19	Calcium	mg/L	6 Monthly	n/a	79		79		n/a	2	3	79	79	79	
	19	Chloride	mg/L	6 Monthly	n/a	3800		3000		n/a	2	3	3000	3400	3800	
	19	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	19	Conductivity	µS/cm	6 Monthly	n/a	12554		13640		n/a	2	2	12554	13097	13640	
	19	Copper	mg/L	Annually	n/a			0.002		n/a	1	2	0	0	0	
	19	Dissolved Oxygen	mg/L	6 Monthly	n/a	3.91		6.45		n/a	2	2	4	5	6	
	19	Fluoride	mg/L	6 Monthly	n/a	0.4		0.4		n/a	2	2	0	0	0	
	19	Iron	mg/L	Annually	n/a			<0.01		n/a	1	1	0	#DIV/0!	0	
	19	Lead	mg/L	Annually	n/a			<0.001		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
G5	19	Magnesium	mg/L	6 Monthly	n/a	220		210		n/a	2	3	210	215	220	
	19	Manganese	mg/L	Annually	n/a			0.028		n/a	1	1	0	0	0	
	19	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	19	Nickel	mg/L	Annually	n/a			0.001		n/a	1	1	0	0	0	
	19	Nitrate	mg/L	6 Monthly	n/a	0.21		0.02		n/a	2	3	0	0	0	
	19	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	19	Nitrogen (ammonia)	mg/L	Quarterly	15	0.074	0.03	0.2		N	4	3	0	0	0	
	19	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.5		0.3		n/a	2	3	0	0	1	
	19	pH	pH Unit	6 Monthly	n/a	7.31		7.35		n/a	2	2	7	7	7	
	19	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	19	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	19	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1		<0.0001		n/a	2	2	<0.1	<0.1	<0.1	
	19	Potassium	mg/L	6 Monthly	n/a	8.4		7.4		n/a	2	2	7	8	8	
	19	Redox potential	mV	6 Monthly	n/a	9.4		-8		n/a	2	2	-8	1	9	
	19	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	2	<0.001	<0.001	<0.001	
	19	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	19	Sodium	mg/L	6 Monthly	n/a	2200		2800		n/a	2	3	2200	2500	2800	
	19	Standing Water Level	Metres	Quarterly	n/a	12.11	12.22	11.59		n/a	4	3	12	12	12	
	19	Sulfate	mg/L	6 Monthly	n/a	700		510		n/a	2	3	510	605	700	
	19	Total organic carbon	mg/L	Quarterly	n/a	5	4	3		n/a	4	3	3	4	5	
	19	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	19	Zinc	mg/L	Annually	n/a			0.007		n/a	1	1	0	0	0	
G6	20	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	390		470		n/a	2	3	390	430	470	
	20	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	20	Arsenic	mg/L	Annually	n/a			0.006		n/a	1	2	0	0	0	
	20	Barium	mg/L	Annually	n/a			0.07		n/a	1	2	0	0	0	
	20	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	20	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	20	Calcium	mg/L	6 Monthly	n/a	120		97		n/a	2	3	97	109	120	
	20	Chloride	mg/L	6 Monthly	n/a	4000		3400		n/a	2	3	3400	3700	4000	
	20	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	20	Conductivity	µS/cm	6 Monthly	n/a	13348		13298		n/a	2	2	13298	13323	13348	
	20	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	20	Dissolved Oxygen	mg/L	6 Monthly	n/a	1.92		8.2		n/a	2	2	2	5	8	
	20	Fluoride	mg/L	6 Monthly	n/a	0.2		0.2		n/a	2	3	0	0	0	
	20	Iron	mg/L	Annually	n/a			3.1		n/a	1	1	3	3	3	
	20	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	20	Magnesium	mg/L	6 Monthly	n/a	240		210		n/a	2	3	210	225	240	
	20	Manganese	mg/L	Annually	n/a			0.38		n/a	1	1	0	0	0	
	20	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	20	Nickel	mg/L	Annually	n/a			0.003		n/a	1	1	0	0	0	
	20	Nitrate	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	20	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	20	Nitrogen (ammonia)	mg/L	Quarterly	15	0.66	2.4	2.3		N	4	3	1	2	2	
	20	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.9		2.3		n/a	2	3	1	2	2	
	20	pH	pH Unit	6 Monthly	n/a	6.86		6.8		n/a	2	2	7	7	7	
	20	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	20	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	20	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1		<0.0001		n/a	2	2	<0.1	<0.1	<0.1	
	20	Potassium	mg/L	6 Monthly	n/a	18		16		n/a	2	2	16	17	18	
	20	Redox potential	mV	6 Monthly	n/a	-74.8		-66.5		n/a	2	2	-75	-71	-67	
	20	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	20	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	20	Sodium	mg/L	6 Monthly	n/a	2200		2500		n/a	2	3	2200	2350	2500	
	20	Standing Water Level	Metres	Quarterly	n/a	3.25	2.94	8.12		n/a	4	3	3	5	8	
	20	Sulfate	mg/L	6 Monthly	n/a	410		320		n/a	2	3	320	365	410	
	20	Total organic carbon	mg/L	Quarterly	n/a	3	2	2		n/a	4	3	2	2	3	
	20	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	20	Zinc	mg/L	Annually	n/a			0.007		n/a	1	1	0	0	0	
	21	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	500		480		n/a	2	3	480	490	500	
	21	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	21	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	21	Barium	mg/L	Annually	n/a			0.034		n/a	1	2	0	0	0	
	21	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	21	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	21	Calcium	mg/L	6 Monthly	n/a	260		270		n/a	2	3	260	265	270	
	21	Chloride	mg/L	6 Monthly	n/a	9200		8000		n/a	2	3	8000	8600	9200	
	21	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	21	Conductivity	µS/cm	6 Monthly	n/a	26848		26493		n/a	2	2	26493	26671	26848	
	21	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	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		3.22		n/a	2	2	1	2	3	
	21	Fluoride	mg/L	6 Monthly	n/a	0.3		0.2		n/a	2	3	0	0	0	
	21	Iron	mg/L	Annually	n/a			0.39		n/a	1	1	0	0	0	
	21	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	21	Magnesium	mg/L	6 Monthly	n/a	980		950		n/a	2	3	950	965	980	
	21	Manganese	mg/L	Annually	n/a			1.4		n/a	1	1	1	1	1	
	21	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	21	Nickel	mg/L	Annually	n/a			0.026		n/a	1	1	0	0	0	
	21	Nitrate	mg/L	6 Monthly	n/a	0.14		0.083		n/a	2	3	0	0	0	
	21	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	21	Nitrogen (ammonia)	mg/L	Quarterly	15	0.92	1.3	0.43		N	4	3	0	1	1	
	21	Nitrogen (Total)	mg/L	6 Monthly	n/a	0.9		0.6		n/a	2	3	1	1	1	
	21	pH	pH Unit	6 Monthly	n/a	6.32		6.22		n/a	2	2	6	6	6	
	21	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	21	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	21	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	<0.1		<0.0001		n/a	2	2	<0.1	<0.1	<0.1	
	21	Potassium	mg/L	6 Monthly	n/a	18		18		n/a	2	2	18	18	18	
	21	Redox potential	mV	6 Monthly	n/a	-7.1		-35.4		n/a	2	2	-35	-21	-7	
	21	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	21	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	21	Sodium	mg/L	6 Monthly	n/a	4300		4800		n/a	2	3	4300	4550	4800	
G9	21	Standing Water Level	Metres	Quarterly	n/a	9.63	6.7	11.1		n/a	4	3	7	9	11	
	21	Sulfate	mg/L	6 Monthly	n/a	1200		930		n/a	2	3	930	1065	1200	
	21	Total organic carbon	mg/L	Quarterly	n/a	3	<1	<1		n/a	4	3	3	3	3	
	21	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	21	Zinc	mg/L	Annually	n/a			0.032		n/a	1	1	0	0	0	
	22	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	1000		1100		n/a	2	3	1000	1050	1100	
	22	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	22	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	22	Barium	mg/L	Annually	n/a			35		n/a	1	2	35	35	35	
	22	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	22	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	22	Calcium	mg/L	6 Monthly	n/a	290		290		n/a	2	3	290	290	290	
	22	Chloride	mg/L	6 Monthly	n/a	5000		3900		n/a	2	3	3900	4450	5000	
	22	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	22	Conductivity	µS/cm	6 Monthly	n/a	16785		15069		n/a	2	2	15069	15927	16785	
	22	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	22	Dissolved Oxygen	mg/L	6 Monthly	n/a	3.03		1.93		n/a	2	2	2	2	3	
	22	Fluoride	mg/L	6 Monthly	n/a	0.3		0.3		n/a	2	3	0	0	0	
	22	Iron	mg/L	Annually	n/a			2.6		n/a	1	1	3	3	3	
	22	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	22	Magnesium	mg/L	6 Monthly	n/a	300		290		n/a	2	3	290	295	300	
	22	Manganese	mg/L	Annually	n/a			0.078		n/a	1	1	0	0	0	
	22	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	22	Nickel	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	22	Nitrate	mg/L	6 Monthly	n/a	0.009		<0.005		n/a	2	3	0	0	0	
	22	Nitrite	mg/L	6 Monthly	n/a	<0.005		<0.005		n/a	2	3	<0.005	<0.005	<0.005	
	22	Nitrogen (ammonia)	mg/L	Quarterly	15	6.5	6.3	6		N	4	3	6	6	7	
	22	Nitrogen (Total)	mg/L	6 Monthly	n/a	8.1		6.2		n/a	2	3	6	7	8	
	22	pH	pH Unit	6 Monthly	n/a	6.74		6.71		n/a	2	2	7	7	7	
	22	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	22	Phosphorus (Total)	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	2	<0.05	<0.05	<0.05	
	22	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.27		0.0003		n/a	2	2	0	0	0	
	22	Potassium	mg/L	6 Monthly	n/a	53		54		n/a	2	2	53	54	54	
	22	Redox potential	mV	6 Monthly	n/a	-131		-97.8		n/a	2	2	-131	-114	-98	
	22	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	2	<0.001	<0.001	<0.001	
	22	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	22	Sodium	mg/L	6 Monthly	n/a	2600		3000		n/a	2	3	2600	2800	3000	
	22	Standing Water Level	Metres	Quarterly	n/a	12.91	14.13	11.66		n/a	4	3	12	13	14	
	22	Sulfate	mg/L	6 Monthly	n/a	<1		3		n/a	2	3	<1	<1	<1	
	22	Total organic carbon	mg/L	Quarterly	n/a	4	2	2		n/a	4	3	2	3	4	
	22	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	22	Zinc	mg/L	Annually	n/a			0.025		n/a	1	1	0	0	0	
	54	Alkalinity (as calcium carbonate)	mg/L	6 Monthly	n/a	1200		1200		n/a	2	3	1200	1200	1200	
	54	Aluminium	mg/L	Annually	n/a			<0.01		n/a	1	2	0	#DIV/0!	0	
	54	Arsenic	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	54	Barium	mg/L	Annually	n/a			0.16		n/a	1	2	0	0	0	
	54	Benzene	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	54	Cadmium	mg/L	Annually	n/a			<0.0001		n/a	1	2	0	#DIV/0!	0	
	54	Calcium	mg/L	6 Monthly	n/a	160		160		n/a	2	3	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		3700		n/a	2	3	3700	4300	4900	
	54	Chromium	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	54	Conductivity	µS/cm	6 Monthly	n/a	15026		14905		n/a	2	2	14905	14966	15026	
	54	Copper	mg/L	Annually	n/a			<0.001		n/a	1	2	0	#DIV/0!	0	
	54	Dissolved Oxygen	mg/L	6 Monthly	n/a	0.91		1.94		n/a	2	2	1	1	2	
	54	Fluoride	mg/L	6 Monthly	n/a	0.5		0.5		n/a	2	3	1	1	1	
	54	Iron	mg/L	Annually	n/a			0.03		n/a	1	1	0	0	0	
	54	Lead	mg/L	Annually	n/a			<0.001		n/a	1	1	0	#DIV/0!	0	
	54	Magnesium	mg/L	6 Monthly	n/a	390		370		n/a	2	3	370	380	390	
	54	Manganese	mg/L	Annually	n/a			0.29		n/a	1	1	0	0	0	
	54	Mercury	mg/L	Annually	n/a			<0.00005		n/a	1	1	0	#DIV/0!	0	
	54	Nickel	mg/L	Annually	n/a			0.02		n/a	1	1	0	0	0	
	54	Nitrate	mg/L	6 Monthly	n/a	1.6		1.7		n/a	2	3	2	2	2	
	54	Nitrite	mg/L	6 Monthly	n/a	0.006		0.03		n/a	2	3	0	0	0	
	54	Nitrogen (ammonia)	mg/L	Quarterly	15	0.27	0.085	0.086		N	4	3	0	0	0	
	54	Nitrogen (Total)	mg/L	6 Monthly	n/a	2.1		1.9		n/a	2	3	2	2	2	
	54	pH	pH Unit	6 Monthly	n/a	6.9		6.84		n/a	2	2	7	7	7	
	54	Phenols	mg/L	6 Monthly	n/a	<0.05		<0.05		n/a	2	3	<0.05	<0.05	<0.05	
	54	Phosphorus (Total)	mg/L	6 Monthly	n/a	0.3		0.08		n/a	2	3	0	0	0	
	54	Polycyclic Aromatic Hydrocarbons	mg/L	6 Monthly	n/a	0.1		<0.0001		n/a	2	3	0	0	0	
	54	Potassium	mg/L	6 Monthly	n/a	21		21		n/a	2	3	21	21	21	
	54	Redox potential	mV	6 Monthly	n/a	5.8		-26		n/a	2	2	-26	-10	6	
	54	Selenium	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	54	Silver	mg/L	6 Monthly	n/a	<0.001		<0.001		n/a	2	3	<0.001	<0.001	<0.001	
	54	Sodium	mg/L	6 Monthly	n/a	2400		2600		n/a	2	3	2400	2500	2600	
	54	Standing Water Level	Metres	Quarterly	n/a	13.1	1.85	12.9		n/a	4	3	2	9	13	
	54	Sulfate	mg/L	6 Monthly	n/a	300		220		n/a	2	3	220	260	300	
	54	Total organic carbon	mg/L	Quarterly	n/a	2	3	<1		n/a	4	3	2	3	3	
	54	Total Petroleum Hydrocarbons	mg/L	6 Monthly	n/a	<0.01		<0.01		n/a	2	3	<0.01	<0.01	<0.01	
	54	Zinc	mg/L	Annually	n/a			0.03		n/a	1	1	0	0	0	
						Date Monitoring Data Obtained		17/04/2025	30/05/2025	1/09/2025						
						Date Uploaded		2/05/2025	13/06/2025	1/09/2025						

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.