

**Pollutant Monitoring Results - Surface Water**



<b>EPL No:</b>	<b>4068</b>
<b>Entity Name:</b>	Elizabeth Drive Landfill
<b>Site:</b>	1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178
<b>Monitoring Frequency:</b>	Quarterly
<b>Link to NSW EPA Register:</b>	<a href="#">Click Here</a>

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Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	Q1	Q2	Q3	Q4	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
S1	23	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	<2	2	4	4	2	2	2	
S1	23	Conductivity	us/cm	Quarterly	1700	1100	1060	1530	4	4	1060	1347.5	1700	
S1	23	Nitrogen (Ammonia)	mg/l	Quarterly	0.08	0.02	0.03	<0.01	4	4	0.02	0.04333333	0.08	
S1	23	pH	pH Units	Quarterly	7.56	6.88	7.61	7.57	4	4	6.88	7.405	7.61	
S1	23	Total Organic Carbon	mg/l	Quarterly	7	6	7	10	4	4	6	7.5	10	
S1	23	Total Suspended Solids	mg/l	Quarterly	16	18	57	19	4	4	16	27.5	57	
S2	24	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	3	3	4	4	3	3	3	
S2	24	Conductivity	us/cm	Quarterly	1980	864	1110	1400	4	4	864	1338.5	1980	
S2	24	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.01	0.03	<0.01	4	4	0.01	0.02333333	0.03	
S2	24	pH	pH Units	Quarterly	7.96	7.18	7.69	7.98	4	4	7.18	7.7025	7.98	
S2	24	Total Organic Carbon	mg/l	Quarterly	8	6	7	10	4	4	6	7.75	10	
S2	24	Total Suspended Solids	mg/l	Quarterly	<5	9	32	12	4	4	9	17.6666667	32	
S3	25	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	<2	2	4	4	2	2	2	
S3	25	Conductivity	us/cm	Quarterly	1930	916	1110	1170	4	4	916	1281.5	1930	
S3	25	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.04	0.05	0.01	4	4	0.01	0.0325	0.05	
S3	25	pH	pH Units	Quarterly	7.99	7.72	7.63	7.99	4	4	7.63	7.8325	7.99	
S3	25	Total Organic Carbon	mg/l	Quarterly	6	7	7	15	4	4	6	8.75	15	
S3	25	Total Suspended Solids	mg/l	Quarterly	56	38	90	39	4	4	38	55.75	90	
S9	31	Biochemical Oxygen Demand	mg/l	Quarterly	<2	2	7	3	4	4	2	4	7	
S9	31	Conductivity	us/cm	Quarterly	1520	3270	1160	2580	4	4	1160	2132.5	3270	
S9	31	Nitrogen (Ammonia)	mg/l	Quarterly	0.8	0.79	0.32	0.08	4	4	0.08	0.4975	0.8	
S9	31	pH	pH Units	Quarterly	7.55	8.11	8.35	8.4	4	4	7.55	8.1025	8.4	
S9	31	Total Organic Carbon	mg/l	Quarterly	13	11	11	8	4	4	8	10.75	13	
S9	31	Total Suspended Solids	mg/l	Quarterly	<5	79	64	20	4	4	20	54.3333333	79	
S10	33	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	2	2	4	4	2	2	2	
S10	33	Conductivity	us/cm	Quarterly	1240	1370	1230	2680	4	4	1230	1630	2680	
S10	33	Nitrogen (Ammonia)	mg/l	Quarterly	0.37	0.33	0.37	0.02	4	4	0.02	0.2725	0.37	
S10	33	pH	pH Units	Quarterly	7.91	8.08	8.04	8.51	4	4	7.91	8.135	8.51	
S10	33	Total Organic Carbon	mg/l	Quarterly	9	8	7	8	4	4	7	8	9	
S10	33	Total Suspended Solids	mg/l	Quarterly	63	6	8	<5	4	4	6	25.6666667	63	
S5	59	Biochemical Oxygen Demand	mg/l	Quarterly	<2	2	<2	2	4	4	2	2	2	
S5	59	Conductivity	us/cm	Quarterly	3540	3050	1250	3500	4	4	1250	2835	3540	
S5	59	Nitrogen (Ammonia)	mg/l	Quarterly	6.04	0.03	0.08	0.04	4	4	0.03	1.5475	6.04	
S5	59	pH	pH Units	Quarterly	8.01	8.16	8.37	8.04	4	4	8.01	8.145	8.37	
S5	59	Total Organic Carbon	mg/l	Quarterly	16	10	6	9	4	4	6	10.25	16	
S5	59	Total Suspended Solids	mg/l	Quarterly	<5	42	20	58	4	4	20	40	58	

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S20	60	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	2	<2	4	4	2	2	2	
S20	60	Conductivity	us/cm	Quarterly	3200	6200	4570	4310	4	4	3200	4570	6200	
S20	60	Nitrogen (Ammonia)	mg/l	Quarterly	0.04	0.14	0.09	0.04	4	4	0.04	0.0775	0.14	
S20	60	pH	pH Units	Quarterly	8.74	8.34	8.33	8.51	4	4	8.33	8.48	8.74	
S20	60	Total Organic Carbon	mg/l	Quarterly	12	6	4	8	4	4	4	7.5	12	
S20	60	Total Suspended Solids	mg/l	Quarterly	7	10	23	<5	4	4	7	13.3333333	23	
Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	Q1	Q2	Q3	Q4	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
S19	61	Biochemical Oxygen Demand	mg/l	Quarterly	<2	2	3	3	4	4	2	2.66666667	3	
S19	61	Conductivity	mg/l	Quarterly	1830	3340	2870	3360	4	4	1830	2850	3360	
S19	61	Nitrogen (Ammonia)	us/cm	Quarterly	0.05	0.04	0.02	0.01	4	4	0.01	0.03	0.05	
S19	61	pH	pH Units	Quarterly	8.4	8.34	8.64	8.66	4	4	8.34	8.51	8.66	
S19	61	Total Organic Carbon	mg/l	Quarterly	12	9	8	8	4	4	8	9.25	12	
S19	61	Total Suspended Solids	mg/l	Quarterly	2190	59	13	12	4	4	12	568.5	2190	