

**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	7/03/2024	29/05/2024	8/08/2024	-	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	17	2	<2		4	3	2	9.50	17	
S1	23	Conductivity	us/cm	Quarterly	784	1120	1720		4	3	784	1208.00	1720	
S1	23	Nitrogen (Ammonia)	mg/l	Quarterly	0.04	0.03	0.01		4	3	0.01	0.03	0.04	
S1	23	pH	pH Units	Quarterly	6.76	7.69	6.91		4	3	6.76	7.12	7.69	
S1	23	Total Organic Carbon	mg/l	Quarterly	11	8	8		4	3	8	9.00	11	
S1	23	Total Suspended Solids	mg/l	Quarterly	38	31	7		4	3	7	25.33	38	
S2	24	Biochemical Oxygen Demand	mg/l	Quarterly	15	<2	<2		4	3	15	15.00	15	
S2	24	Conductivity	us/cm	Quarterly	815	960	1850		4	3	815	1208.33	1850	
S2	24	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.03	0.02		4	3	0.02	0.03	0.03	
S2	24	pH	pH Units	Quarterly	7.45	7.79	7.49		4	3	7.45	7.58	7.79	
S2	24	Total Organic Carbon	mg/l	Quarterly	8	9	8		4	3	8	8.33	9	
S2	24	Total Suspended Solids	mg/l	Quarterly	60	30	10		4	3	10	33.33	60	
S3	25	Biochemical Oxygen Demand	mg/l	Quarterly	20	2	<2		4	3	2	11.00	20	
S3	25	Conductivity	us/cm	Quarterly	918	975	1850		4	3	918	1247.67	1850	
S3	25	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.03	<0.01		4	3	0.03	0.03	0.03	
S3	25	pH	pH Units	Quarterly	7.65	7.61	7.66		4	3	7.61	7.64	7.66	
S3	25	Total Organic Carbon	mg/l	Quarterly	9	9	9		4	3	9	9.00	9	
S3	25	Total Suspended Solids	mg/l	Quarterly	68	37	16		4	3	16	40.33	68	
S9	31	Biochemical Oxygen Demand	mg/l	Quarterly	16	7	3		4	3	3	8.67	16	
S9	31	Conductivity	us/cm	Quarterly	2070	1210	1840		4	3	1210	1706.67	2070	
S9	31	Nitrogen (Ammonia)	mg/l	Quarterly	0.32	2.1	1.8		4	3	0.32	1.41	2.1	
S9	31	pH	pH Units	Quarterly	8.14	7.96	8.18		4	3	7.96	8.09	8.18	
S9	31	Total Organic Carbon	mg/l	Quarterly	12	16	16		4	3	12	14.67	16	
S9	31	Total Suspended Solids	mg/l	Quarterly	34	29	8		4	3	8	23.67	34	
S10	33	Biochemical Oxygen Demand	mg/l	Quarterly	4	3	4		4	3	3	3.67	4	
S10	33	Conductivity	mg/l	Quarterly	2010	1060	1270		4	3	1060	1446.67	2010	
S10	33	Nitrogen (Ammonia)	us/cm	Quarterly	0.06	2.57	1.27		4	3	0.06	1.30	2.57	
S10	33	pH	pH Units	Quarterly	8.11	8.12	8.16		4	3	8.11	8.13	8.16	
S10	33	Total Organic Carbon	mg/l	Quarterly	8	12	9		4	3	8	9.67	12	
S10	33	Total Suspended Solids	mg/l	Quarterly	7	60	39		4	3	7	35.33	60	
S5	59	Biochemical Oxygen Demand	mg/l	Quarterly	Empty	6	<2		4	3	6	6.00	6	
S5	59	Conductivity	us/cm	Quarterly	Empty	1380	1470		4	3	1380	1425.00	1470	
S5	59	Nitrogen (Ammonia)	mg/l	Quarterly	Empty	0.17	0.09		4	3	0.09	0.13	0.17	
S5	59	pH	pH Units	Quarterly	Empty	8.99	8.43		4	3	8.43	8.71	8.99	
S5	59	Total Organic Carbon	mg/l	Quarterly	Empty	11	9		4	3	9	10.00	11	
S5	59	Total Suspended Solids	mg/l	Quarterly	Empty	40	8		4	3	8	24.00	40	
S20	60	Biochemical Oxygen Demand	mg/l	Quarterly	Empty	4	4		4	3	4	4.00	4	
S20	60	Conductivity	us/cm	Quarterly	Empty	2340	3020		4	3	2340	2680.00	3020	
S20	60	Nitrogen (Ammonia)	mg/l	Quarterly	Empty	9	5.31		4	3	5.31	7.16	9	
S20	60	pH	pH Units	Quarterly	Empty	8.3	8.37		4	3	8.3	8.34	8.37	
S20	60	Total Organic Carbon	mg/l	Quarterly	Empty	20	15		4	3	15	17.50	20	
S20	60	Total Suspended Solids	mg/l	Quarterly	Empty	157	33		4	3	33	95.00	157	
S19	61	Biochemical Oxygen Demand	mg/l	Quarterly	24	<2	11		4	3	11	17.50	24	
S19	61	Conductivity	mg/l	Quarterly	2220	2070	2530		4	3	2070	2273.33	2530	
S19	61	Nitrogen (Ammonia)	us/cm	Quarterly	0.03	1.04	0.32		4	3	0.03	0.46	1.04	
S19	61	pH	pH Units	Quarterly	8.54	8.31	8.41		4	3	8.31	8.42	8.54	
S19	61	Total Organic Carbon	mg/l	Quarterly	9	8	15		4	3	8	10.67	15	
S19	61	Total Suspended Solids	mg/l	Quarterly	20	28	7		4	3	7	18.33	28	

**Comments:**  
 "Empty" - No sample available as the dam was empty.  
 "-." - Monitoring data not available yet, monitoring yet to be conducted.