

**Pollutant Monitoring Results - Surface Water**



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

*Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website [www.epa.nsw.gov.au](http://www.epa.nsw.gov.au)*

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	7/03/2024	29/05/2024	8/08/2024	12/11/2024	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	4	4	2	7.67	17	
S1	23	Conductivity	us/cm	Quarterly	784	1120	1720	1977	4	4	784	1400.25	1977	
S1	23	Nitrogen (Ammonia)	mg/l	Quarterly	0.04	0.03	0.01	<0.8	4	4	0.01	0.03	0.04	
S1	23	pH	pH Units	Quarterly	6.76	7.69	6.91	7.5	4	4	6.76	7.22	7.69	
S1	23	Total Organic Carbon	mg/l	Quarterly	11	8	8	15	4	4	8	10.50	15	
S1	23	Total Suspended Solids	mg/l	Quarterly	38	31	7	<10	4	4	7	25.33	38	
S2	24	Biochemical Oxygen Demand	mg/l	Quarterly	15	<2	<2	4	4	4	4	9.50	15	
S2	24	Conductivity	us/cm	Quarterly	815	960	1850	1978	4	4	815	1400.75	1978	
S2	24	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.03	0.02	<0.8	4	4	0.02	0.03	0.03	
S2	24	pH	pH Units	Quarterly	7.45	7.79	7.49	7.6	4	4	7.45	7.58	7.79	
S2	24	Total Organic Carbon	mg/l	Quarterly	8	9	8	14	4	4	8	9.75	14	
S2	24	Total Suspended Solids	mg/l	Quarterly	60	30	10	<10	4	4	10	33.33	60	
S3	25	Biochemical Oxygen Demand	mg/l	Quarterly	20	2	<2	4	4	4	2	8.67	20	
S3	25	Conductivity	us/cm	Quarterly	918	975	1850	1963	4	4	918	1426.50	1963	
S3	25	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.03	<0.01	<0.8	4	4	0.03	0.03	0.03	
S3	25	pH	pH Units	Quarterly	7.65	7.61	7.66	7.5	4	4	7.5	7.61	7.66	
S3	25	Total Organic Carbon	mg/l	Quarterly	9	9	9	14	4	4	9	10.25	14	
S3	25	Total Suspended Solids	mg/l	Quarterly	68	37	16	<10	4	4	16	40.33	68	
S9	31	Biochemical Oxygen Demand	mg/l	Quarterly	16	7	3	6	4	4	3	8.00	16	
S9	31	Conductivity	us/cm	Quarterly	2070	1210	1840	2019	4	4	1210	1784.75	2070	
S9	31	Nitrogen (Ammonia)	mg/l	Quarterly	0.32	2.1	1.8	2.2	4	4	0.32	1.61	2.2	
S9	31	pH	pH Units	Quarterly	8.14	7.96	8.18	7.8	4	4	7.8	8.02	8.18	
S9	31	Total Organic Carbon	mg/l	Quarterly	12	16	16	18	4	4	12	15.50	18	
S9	31	Total Suspended Solids	mg/l	Quarterly	34	29	8	<10	4	4	8	23.67	34	
S10	33	Biochemical Oxygen Demand	mg/l	Quarterly	4	3	4	4	4	4	3	3.75	4	
S10	33	Conductivity	mg/l	Quarterly	2010	1060	1270	1521	4	4	1060	1465.25	2010	
S10	33	Nitrogen (Ammonia)	us/cm	Quarterly	0.06	2.57	1.27	1	4	4	0.06	1.23	2.57	
S10	33	pH	pH Units	Quarterly	8.11	8.12	8.16	8.4	4	4	8.11	8.20	8.4	
S10	33	Total Organic Carbon	mg/l	Quarterly	8	12	9	9	4	4	8	9.50	12	
S10	33	Total Suspended Solids	mg/l	Quarterly	7	60	39	12	4	4	7	29.50	60	
S5	59	Biochemical Oxygen Demand	mg/l	Quarterly	Empty	6	<2	4	4	4	4	5.00	6	
S5	59	Conductivity	us/cm	Quarterly	Empty	1380	1470	2030	4	4	1380	1626.67	2030	
S5	59	Nitrogen (Ammonia)	mg/l	Quarterly	Empty	0.17	0.09	0.8	4	4	0.09	0.35	0.8	
S5	59	pH	pH Units	Quarterly	Empty	8.99	8.43	8.3	4	4	8.3	8.57	8.99	
S5	59	Total Organic Carbon	mg/l	Quarterly	Empty	11	9	12	4	4	9	10.67	12	
S5	59	Total Suspended Solids	mg/l	Quarterly	Empty	40	8	<10	4	4	8	24.00	40	
S20	60	Biochemical Oxygen Demand	mg/l	Quarterly	Empty	4	4	3	4	4	3	3.67	4	
S20	60	Conductivity	us/cm	Quarterly	Empty	2340	3020	3370	4	4	2340	2910.00	3370	
S20	60	Nitrogen (Ammonia)	mg/l	Quarterly	Empty	9	5.31	<0.8	4	4	5.31	7.16	9	
S20	60	pH	pH Units	Quarterly	Empty	8.3	8.37	8.4	4	4	8.3	8.36	8.4	
S20	60	Total Organic Carbon	mg/l	Quarterly	Empty	20	15	9	4	4	9	14.67	20	
S20	60	Total Suspended Solids	mg/l	Quarterly	Empty	157	33	37	4	4	33	75.67	157	
S19	61	Biochemical Oxygen Demand	mg/l	Quarterly	24	<2	11	5	4	4	5	13.33	24	
S19	61	Conductivity	mg/l	Quarterly	2220	2070	2530	3270	4	4	2070	2522.50	3270	
S19	61	Nitrogen (Ammonia)	us/cm	Quarterly	0.03	1.04	0.32	<0.8	4	4	0.03	0.46	1.04	
S19	61	pH	pH Units	Quarterly	8.54	8.31	8.41	8.5	4	4	8.31	8.44	8.54	
S19	61	Total Organic Carbon	mg/l	Quarterly	9	8	15	8	4	4	8	10.00	15	
S19	61	Total Suspended Solids	mg/l	Quarterly	20	28	7	18	4	4	7	18.25	28	

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