

Pollutant Monitoring Results - Wet Weather Discharge



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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		Ammonia	Total Suspended Solids	Conductivity	Total Organic Carbon	Biological Oxygen Demand	Rainfall over any consecutive 5 day period	Comments
		mg/L	mg/L	µS/cm	mg/L	mg/L	mm	
Pollutant Limit		0.9	50	n/a	n/a	n/a		
ADP002 (EPA ID 13)	9/04/2024	0.78	1020	569	7	5	184.6	
	No. of samples required	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1		
	No. of samples collected and analysed	1	1	1	1	1		
	Min	0.78	1020	569	7	5		
	Max	0.78	1020	569	7	5		
	Average	0.78	1020	569	7	5		
ADP003 (EPA ID 15)	20/02/2024	0.11	9	1780	6	<2	42	
	8/04/2024	0.13	198	687	5	2	199.4	
	6/05/2024	2	56	948	41	45	28.2	
	13/05/2024	1.6	88	1073	15	13	30.8	
	3/06/2024	1.6	51	1093	10	5	31.4	
	17/06/2024	1.8	45	1072	-	-	7.6	Administrative error - TOC and BOD not analysed
	4/07/2024	1.6	<10	1104	8	<2	24.2	
	15/08/2024	1.3	<10	1218	8	4	21.8	
	No. of samples required	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1		
	No. of samples collected and analysed	8	8	8	7	7		
	Min	0.11	9.00	687.00	5.00	2.00		
Max	2.00	198.00	1780.00	41.00	45.00			
Average	1.27	74.50	1121.88	13.29	13.80			
S19 Overflow (EPA ID 36)	20/02/2024	0.11	12	1770	10	2	42	
	5/04/2024	0.08	60	1990	8	<2	61.6	
	19/04/2024	0.04	26	1920	9	4	2.2	
	6/05/2024	22*	220	2660	196	229	28	Ammonia result considered anomolous - resample on the 14/5/2024 was below the criteria
	14/05/2024	<0.8	58	2055	-	-	40	Administrative error - TOC and BOD samples not submitted to the lab
	3/06/2024	<0.8	<10	1996	8	24	31.4	
	17/06/2024	<0.8	<10	1963	9	2	7.6	
	4/07/2024	<0.8	<10	1961	8	<2.1	24.2	
	15/08/2024	<0.8	<10	2270	17	4	21.8	
	No. of samples required	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1		
	No. of samples collected and analysed	9	9	9	8	8		
	Min	0.04	12.00	1770.00	8.00	2.00		
	Max	0.11	220.00	2660.00	196.00	229.00		
Average	0.08	75.20	2065.00	33.13	44.17			
	15/02/2024	<0.01	152	2160	10	5	4.2	
	20/02/2024	0.07	14	1800	5	2	42	
	5/04/2024	0.14	338	2100	6	<2	61.6	
	19/04/2024	15.2	34	1610	58	59	2.2	
	6/05/2024	2	318	579	2	5	28	
	14/05/2024	7.5	<10	1955	-	-	40	Administrative error - TOC and BOD samples not submitted to the lab

		Ammonia	Total Suspended Solids	Conductivity	Total Organic Carbon	Biological Oxygen Demand	Rainfall over any consecutive 5 day period	Comments
		mg/L	mg/L	µS/cm	mg/L	mg/L	mm	
Pollutant Limit		0.9	50	n/a	n/a	n/a		
ADP001 (EPA ID 35)	3/06/2024	6.3	167	2180	18	5	31.4	
	17/06/2024	5.4	56	2140	12	3	7.6	
	4/07/2024	3.8	36	2147	9	<2.9	24.2	
	No. of samples required	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1	Special Frequency 1		
	No. of samples collected and analysed	9	9	9	8	8		
	Min	0.07	14.00	579.00	2.00	2.00		
	Max	15.20	338.00	2180.00	58.00	59.00		
Average	5.05	139.38	1852.33	15.00	13.17			

Comments:

- Exceedence of a quality limit specified in this licence for the discharge of TSS from EPA identification numbers, Points 13, 15, 34 and 35 is permitted if the discharges occur solely as a result of rainfall at the premises exceeding a total of 48 millimetres over any consecutive five day period.

- Special Frequency 1 as stipulated by EPL 4068 Condition M2.5 means the collection of samples:

a) on the first day of the discharge from Points 13, 15, 34, and 35 and at least once every calendar month during continued discharge events thereafter.

"*" - Result considered anomolous.