

Pollutant Monitoring Results - Surface Water & Discharge to Waters



EPL No:	4068
Entity Name:	Elizabeth Drive
Site:	1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178
Monitoring Frequency:	Quarterly
Link to NSW EPA	Click Here

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Surface Water

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	25/03/2025	-	-	-	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	4				4	1	4	4.00	4	
S1	23	Conductivity	us/cm	Quarterly	1175				4	1	1175	1175.00	1175	
S1	23	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S1	23	pH	pH Units	Quarterly	7.2				4	1	7.2	7.20	7.2	
S1	23	Total Organic Carbon	mg/l	Quarterly	12				4	1	12	12.00	12	
S1	23	Total Suspended Solids	mg/l	Quarterly	21				4	1	21	21.00	21	
					25/03/2025									
S2	24	Biochemical Oxygen Demand	mg/l	Quarterly	5				4	1	5	5.00	5	
S2	24	Conductivity	us/cm	Quarterly	1059				4	1	1059	1059.00	1059	
S2	24	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S2	24	pH	pH Units	Quarterly	7.2				4	1	7.2	7.20	7.2	
S2	24	Total Organic Carbon	mg/l	Quarterly	14				4	1	14	14.00	14	
S2	24	Total Suspended Solids	mg/l	Quarterly	18				4	1	18	18.00	18	
					25/03/2025									
S3	25	Biochemical Oxygen Demand	mg/l	Quarterly	5				4	1	5	5.00	5	
S3	25	Conductivity	us/cm	Quarterly	1130				4	1	1130	1130.00	1130	
S3	25	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S3	25	pH	pH Units	Quarterly	7.2				4	1	7.2	7.20	7.2	
S3	25	Total Organic Carbon	mg/l	Quarterly	13				4	1	13	13.00	13	
S3	25	Total Suspended Solids	mg/l	Quarterly	34				4	1	34	34.00	34	
					4/03/2025					1	45720	45720.00	45720	
S9	31	Biochemical Oxygen Demand	mg/l	Quarterly	6				4	1	6	6.00	6	
S9	31	Conductivity	us/cm	Quarterly	2037				4	1	2037	2037.00	2037	
S9	31	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S9	31	pH	pH Units	Quarterly	8.4				4	1	8.4	8.40	8.4	
S9	31	Total Organic Carbon	mg/l	Quarterly	14				4	1	14	14.00	14	
S9	31	Total Suspended Solids	mg/l	Quarterly	94				4	1	94	94.00	94	
					4/03/2025									
S10	33	Biochemical Oxygen Demand	mg/l	Quarterly	4				4	1	4	4.00	4	
S10	33	Conductivity	mg/l	Quarterly	1778				4	1	1778	1778.00	1778	
S10	33	Nitrogen (Ammonia)	us/cm	Quarterly	<0.8				4	1	0	<0.8	0	
S10	33	pH	pH Units	Quarterly	8.4				4	1	8.4	8.40	8.4	
S10	33	Total Organic Carbon	mg/l	Quarterly	10				4	1	10	10.00	10	
S10	33	Total Suspended Solids	mg/l	Quarterly	10				4	1	10	10.00	10	
					20/03/2025					1	45736	45736.00	45736	
S5	59	Biochemical Oxygen Demand	mg/l	Quarterly	9				4	1	9	9.00	9	
S5	59	Conductivity	us/cm	Quarterly	2310				4	1	2310	2310.00	2310	
S5	59	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S5	59	pH	pH Units	Quarterly	8.2				4	1	8.2	8.20	8.2	
S5	59	Total Organic Carbon	mg/l	Quarterly	<1				4	1	0	#DIV/0!	0	
S5	59	Total Suspended Solids	mg/l	Quarterly	15				4	1	15	15.00	15	
					4/03/2025									
S20	60	Biochemical Oxygen Demand	mg/l	Quarterly	5				4	1	5	5.00	5	
S20	60	Conductivity	us/cm	Quarterly	2620				4	1	2620	2620.00	2620	
S20	60	Nitrogen (Ammonia)	mg/l	Quarterly	<0.8				4	1	0	<0.8	0	
S20	60	pH	pH Units	Quarterly	9.1				4	1	9.1	9.10	9.1	
S20	60	Total Organic Carbon	mg/l	Quarterly	24				4	1	24	24.00	24	
S20	60	Total Suspended Solids	mg/l	Quarterly	73				4	1	73	73.00	73	
					4/03/2025									
S19	61	Biochemical Oxygen Demand	mg/l	Quarterly	4				4	1	4	4.00	4	
S19	61	Conductivity	mg/l	Quarterly	2115				4	1	2115	2115.00	2115	
S19	61	Nitrogen (Ammonia)	us/cm	Quarterly	<0.8				4	1	0	<0.8	0	
S19	61	pH	pH Units	Quarterly	8.5				4	1	8.5	8.50	8.5	
S19	61	Total Organic Carbon	mg/l	Quarterly	19				4	1	19	19.00	19	
S19	61	Total Suspended Solids	mg/l	Quarterly	29				4	1	29	29.00	29	
Date Final Monitoring Data was Received					31/03/2025									
Date Uploaded					1/04/2025									

Comments:

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

Discharge to Waters

				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		
	Date Monitoring Data Uploaded	Date Monitoring Data Obtained	Monitoring Date							
	n/a	n/a	n/a							
ADP002 (EPA ID 13)	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			0	0	0	0	0		
	Min			0	0	0	0	0		
	Max			0	0	0	0	0		
	Average			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
ADP003 (EPA ID 15)		24/02/2025	16/01/2025	1.4	<10	1819	11	4	33.4	
	8/04/2025	7/04/2025	29/03/2025	<0.8	9	1720	9	3	34.8	
	21/05/2025	5/05/2025	29/04/2025	<0.8	<10	1420	9	4	43.6	
	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			3	3	3	3	3		
	Min			1.40	9.00	1420.00	9.00	3.00		
	Max			1.40	9.00	1819.00	11.00	4.00		
	Average			1.40	9.00	1653.00	9.67	3.67		
	S19 Overflow (EPA ID 36)		4/02/2025	31/01/2025	<0.8	<10	2470	14	4	2.8
21/02/2025		17/02/2025	11/02/2025	<0.8	11	2070	12	3	30.8	
13/03/2025		11/03/2025	4/03/2025	<0.8	10	2210	14	4	4.4	
8/04/2025		7/04/2025	31/03/2025	<0.8	<10	1705	14	3	39.6	
21/05/2025		5/05/2025	29/04/2025	<0.8	27	1552	15	6	43.6	
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			5	5	5	5	5			
Min			0	10	1552	12	3			
Max			0	27	2470	15	6			
Average			#DIV/0!	16	2001.4	13.8	4			
ADP001 (EPA ID 35)		22/01/2025	21/01/2025	3.8	12	1402	-	-	15.4	
	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	0	0		
	Min			3.80	12.00	1402.00	0.00	0.00		
	Max			3.80	12.00	1402.00	0.00	0.00		
	Average			3.80	12.00	1402.00	#DIV/0!	#DIV/0!		

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.
 "-." - Analysis was missed for this pollutant.
 "n/a" - no discharge events for this monitoring point