

# Eurobodalla Southern Water Supply Storage Environmental Protection Licence (EL) 21767

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## Surface Water Monitoring

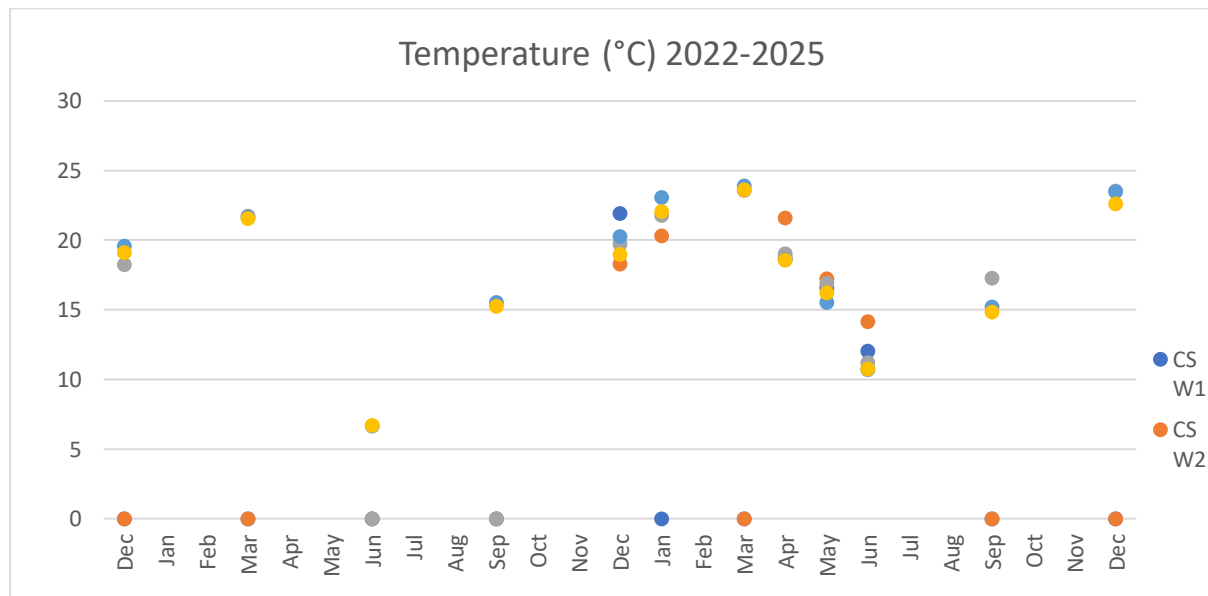
Table 4.1 Monitoring network location and summary

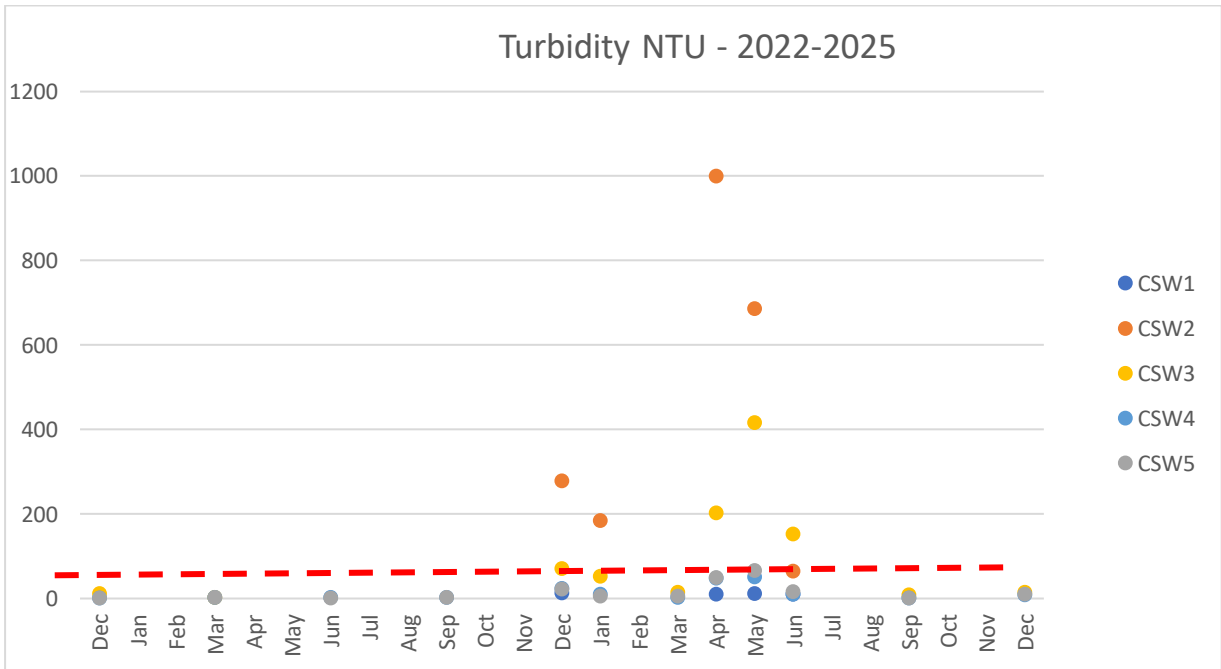
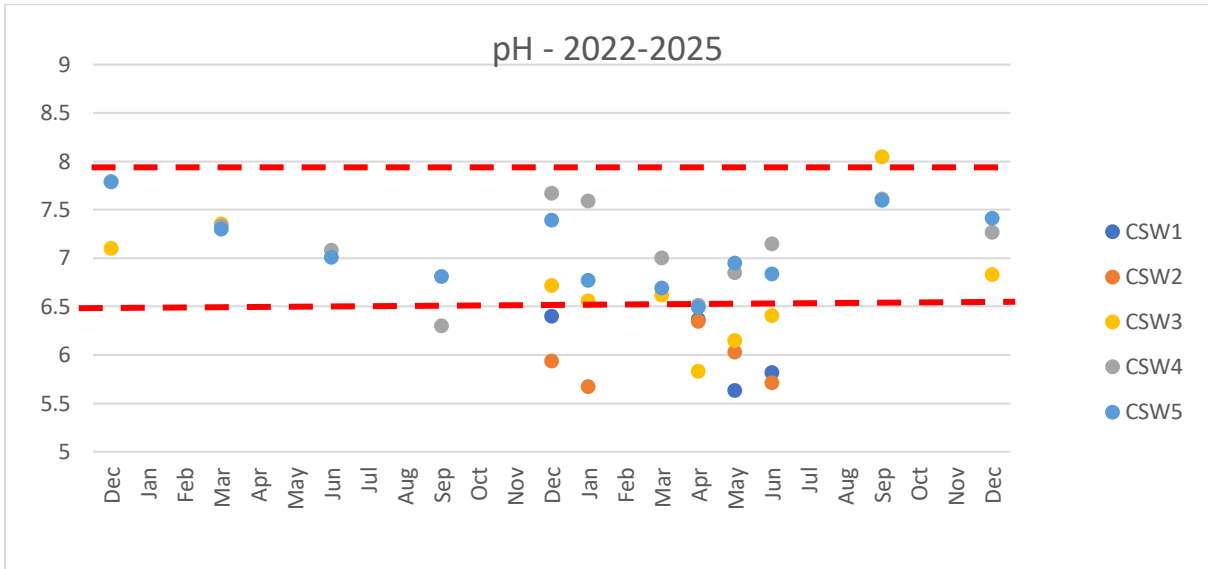
Location ID	Easting (MGA94)	Northing (MGA94)	Type (Catchment)	Location description & rationale	Control impact
CSW1	230208	5996017	Unnamed Creek	Upstream of construction site	Control
CSW2	230545	5997706	Unnamed Creek	Site boundary at unnamed creekline	Impact
CSW3	231083	5998635	Unnamed Creek	Downstream of construction site immediately before entering Tuross River	Impact
CSW4	230086	5998136	Tuross River	Upstream of construction site	Control
CSW5	231446	5998780	Tuross River	Approx 100m downstream of Tuross River and Unnamed Creek confluence	Impact

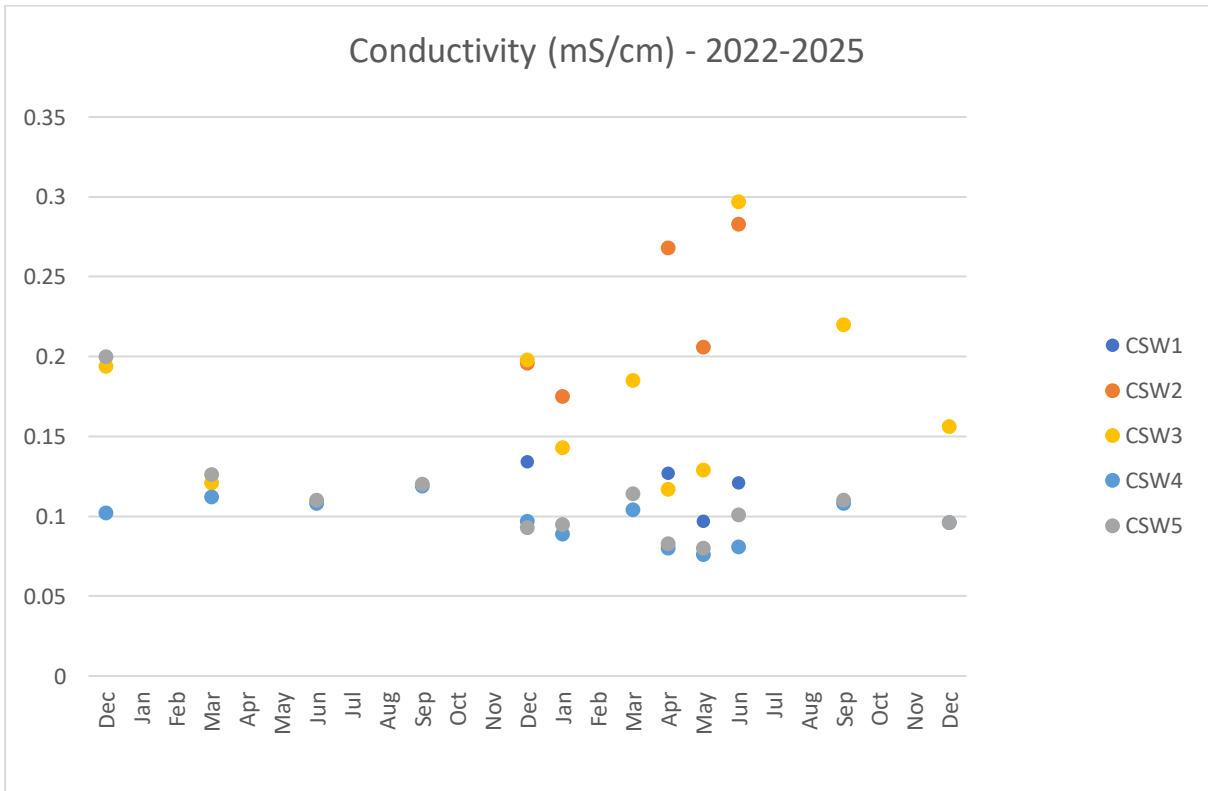
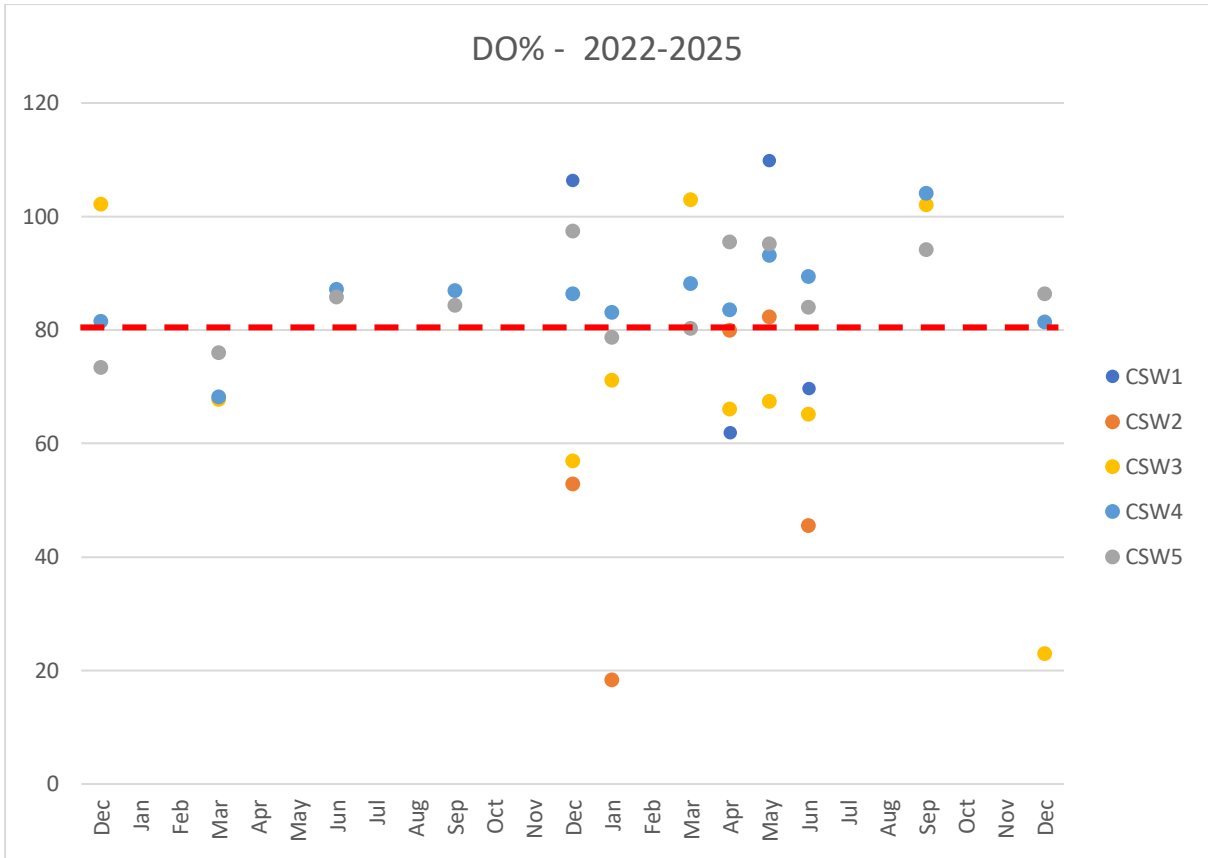


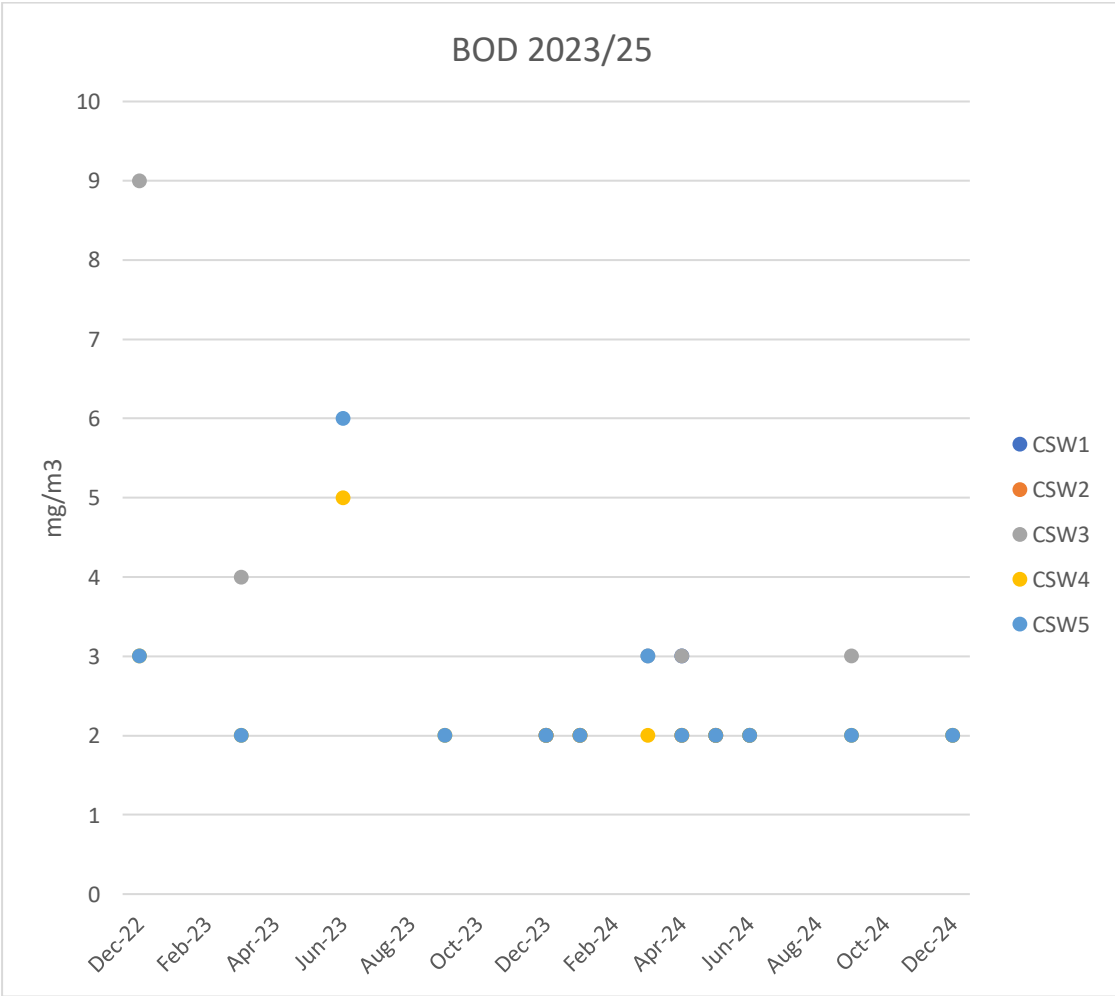
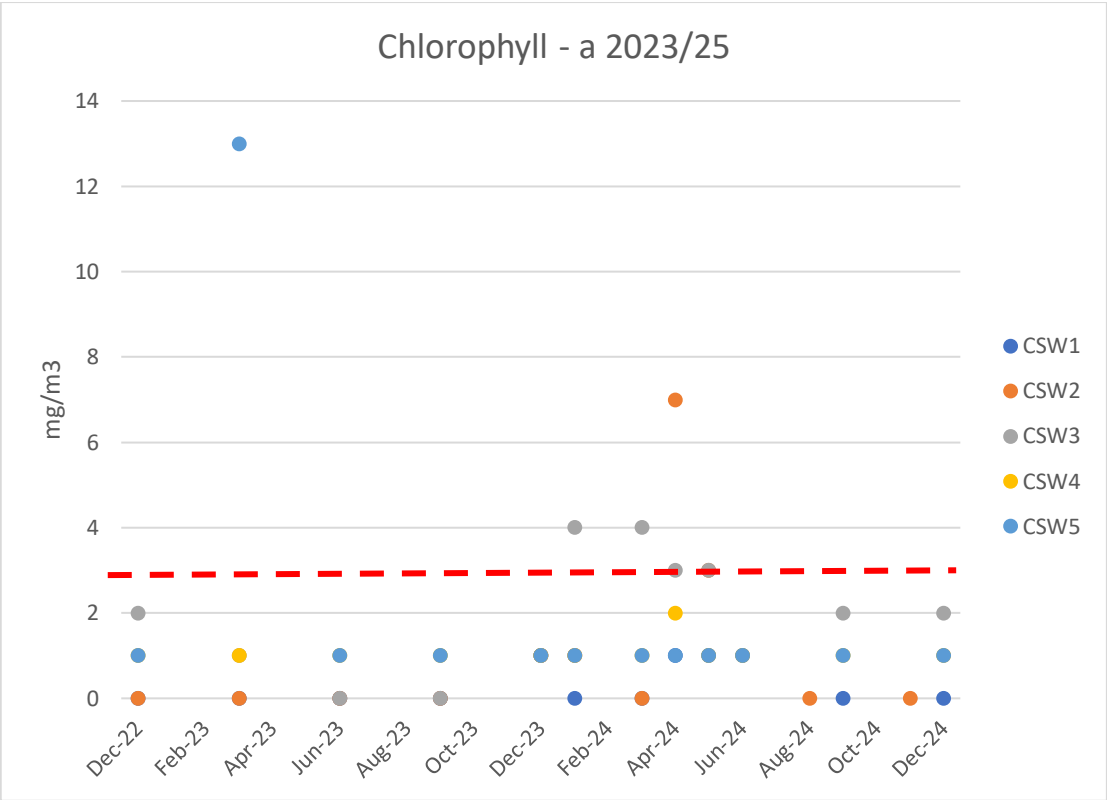
Figure 4-1 Construction surface water quality monitoring locations

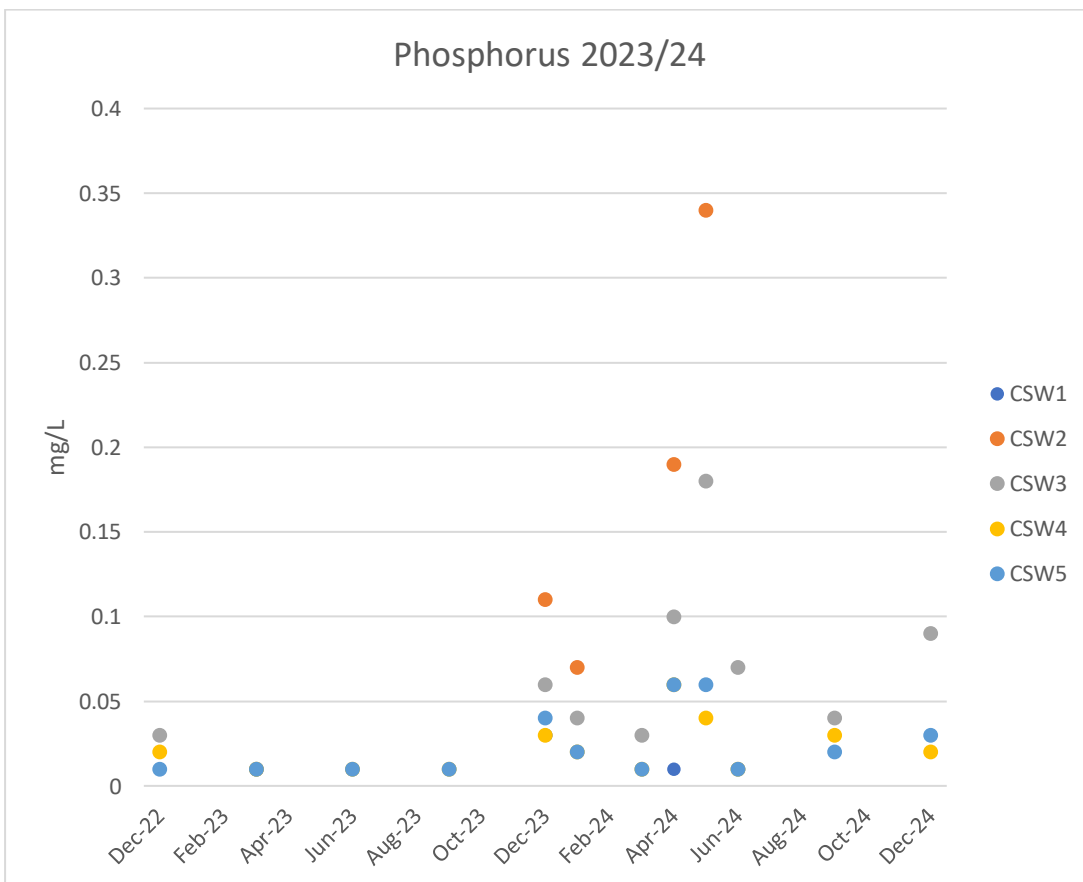
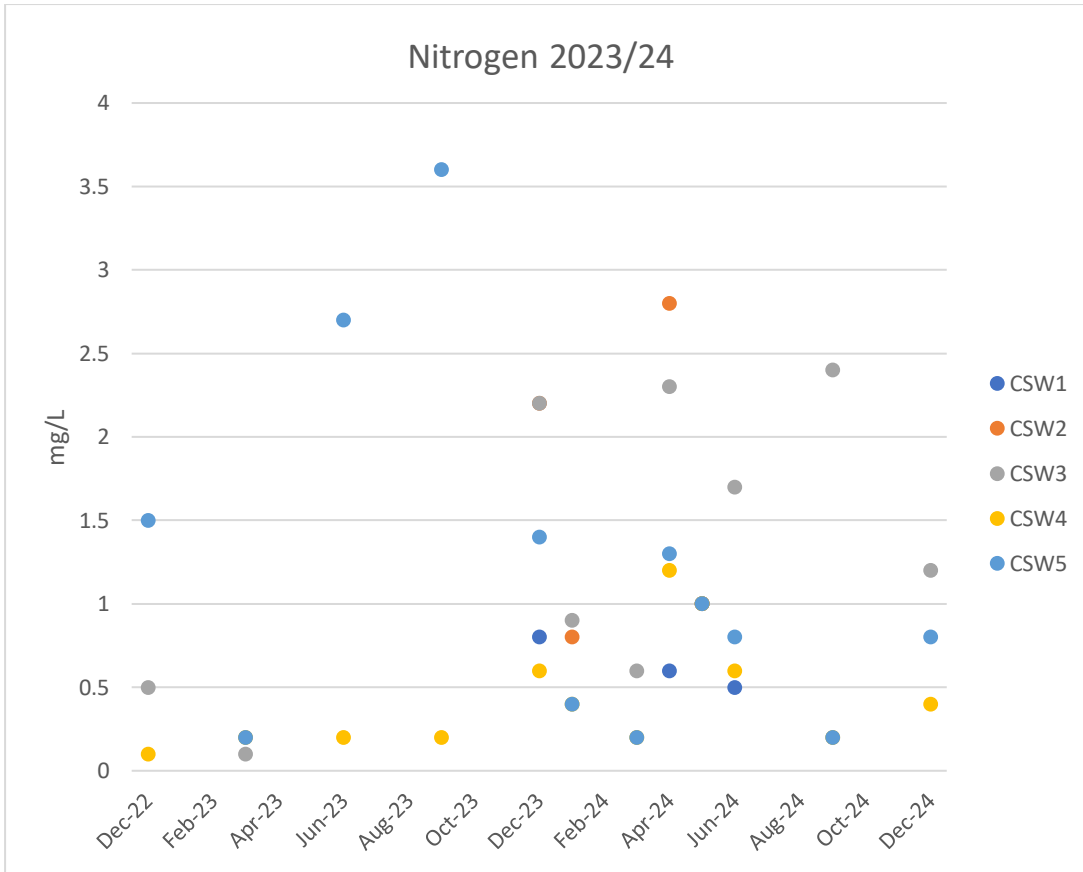
Note: During dry weather conditions some sites may be dry and therefore no sampling results are available

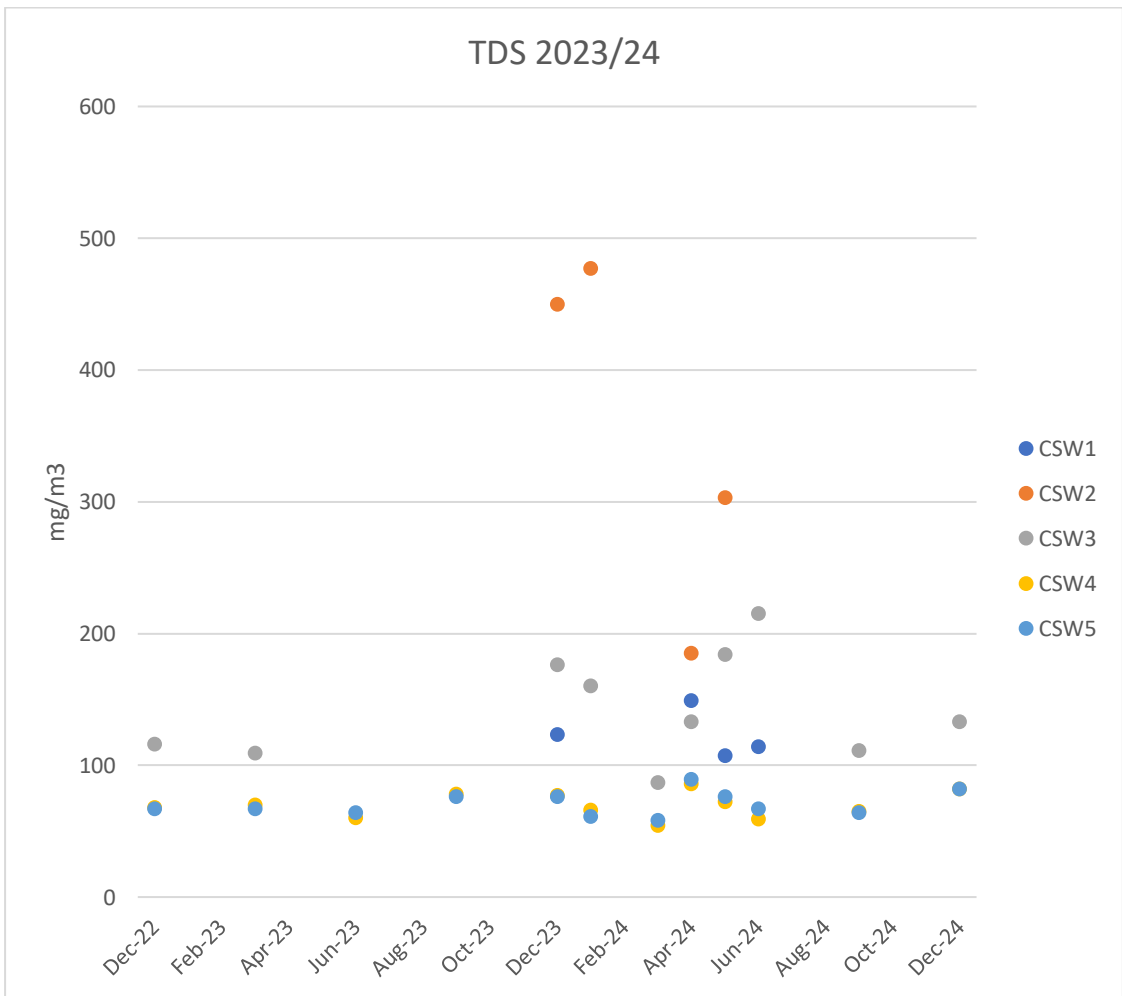
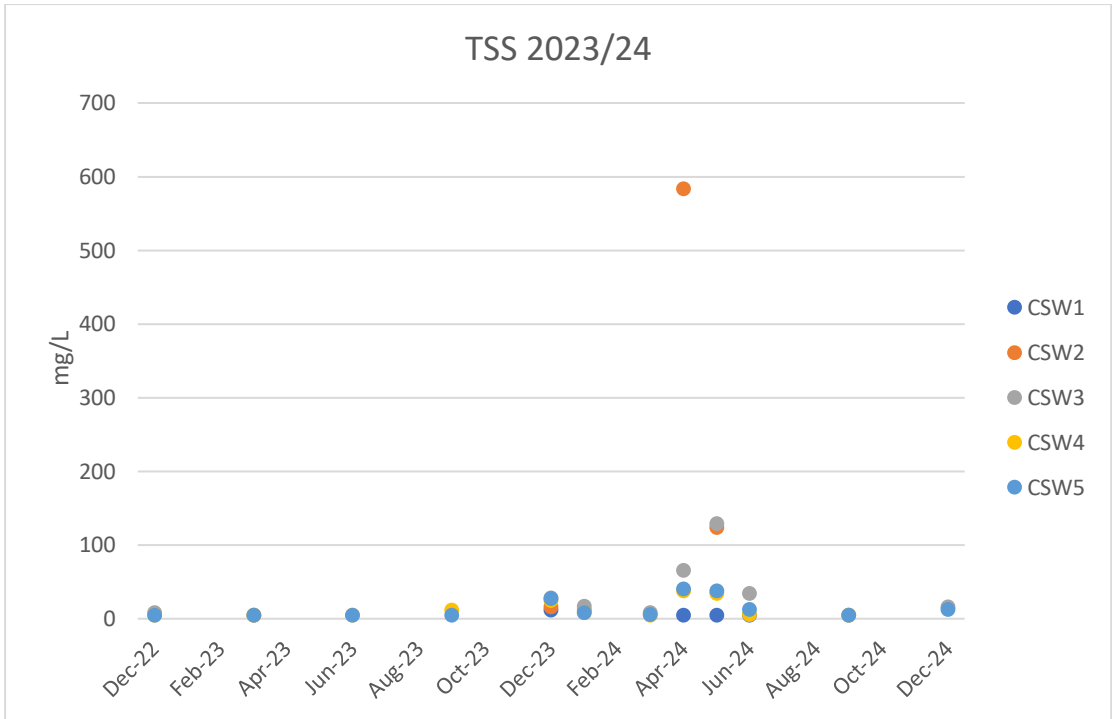








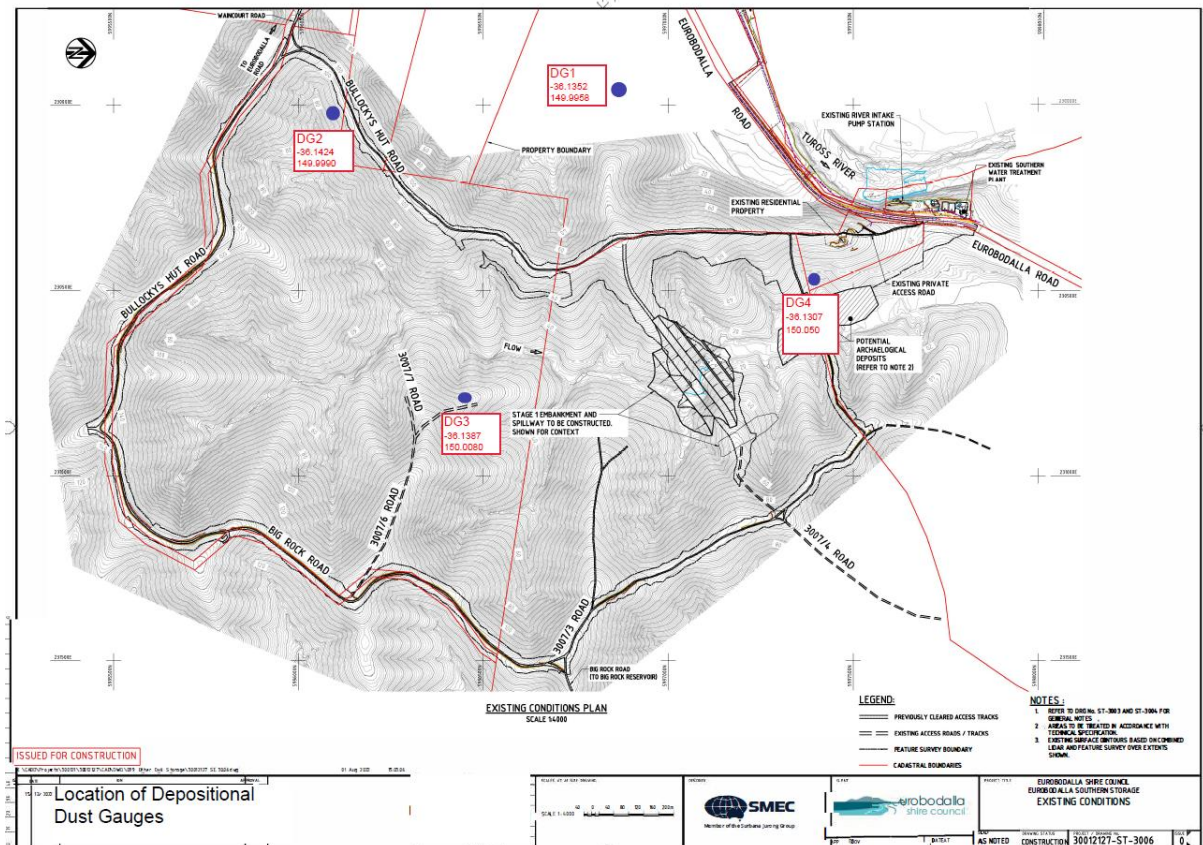




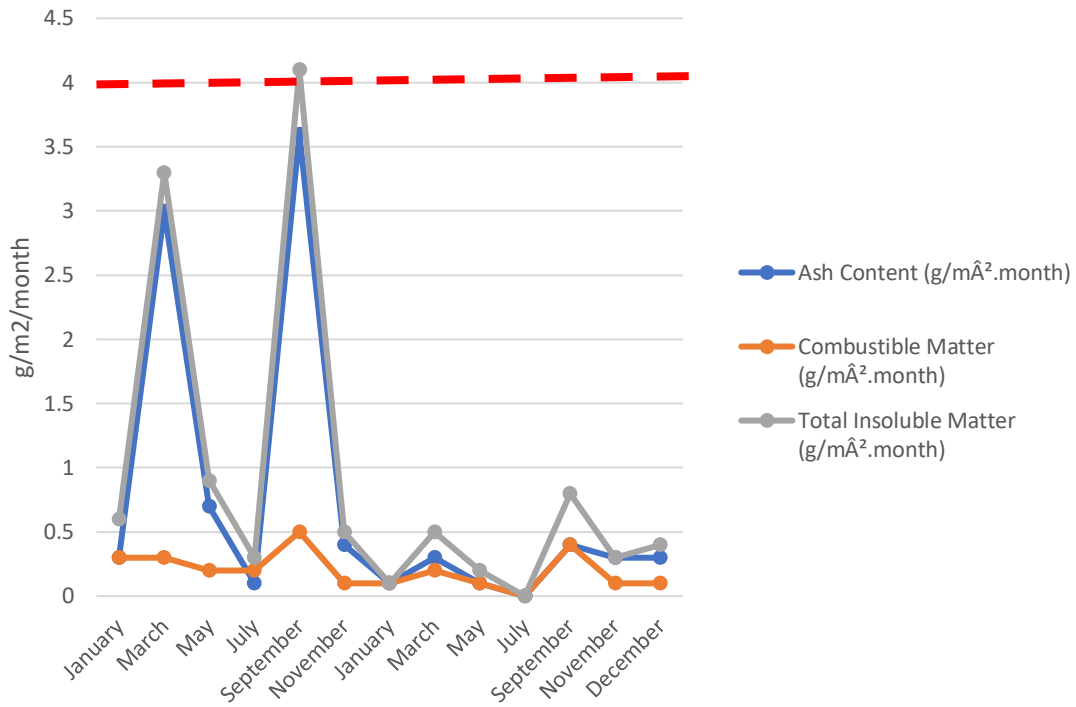
All exceedances were recorded following extreme rainfall events. Therefore, it can be concluded that the exceedances are attributable to the increased sediment loads in the water way.

### Eurobodalla Southern Water Supply Storage – Air Quality Monitoring

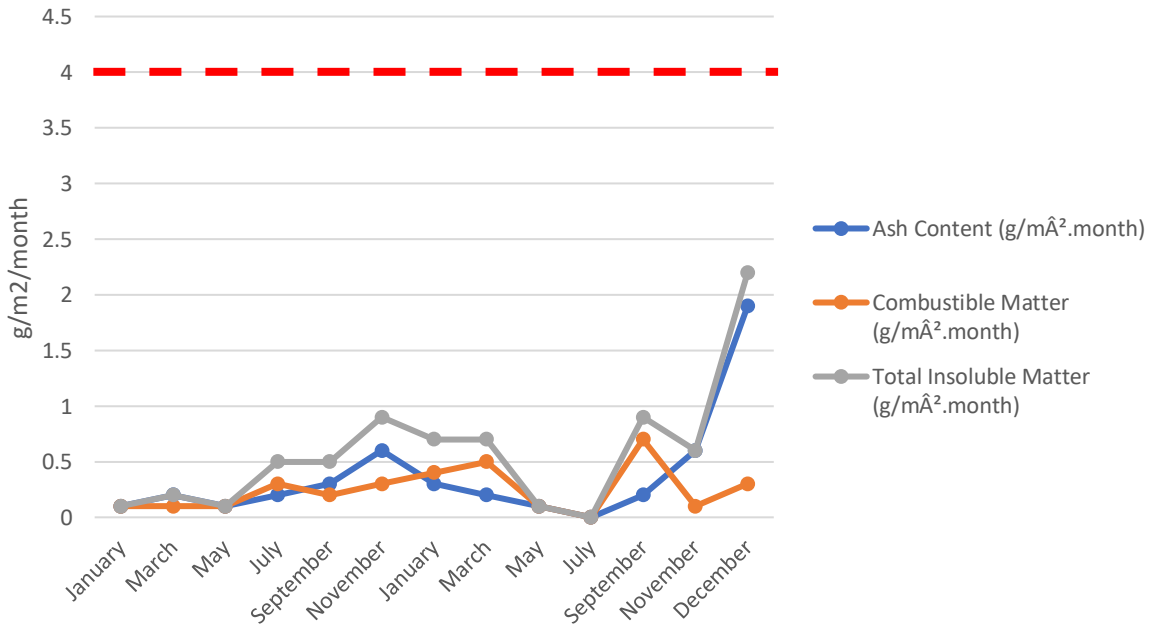
Data from the gauges is collected monthly for the duration of the project. An exceedance occurs when the maximum total deposited level (average) exceeds 4 g/m<sup>2</sup>/month.



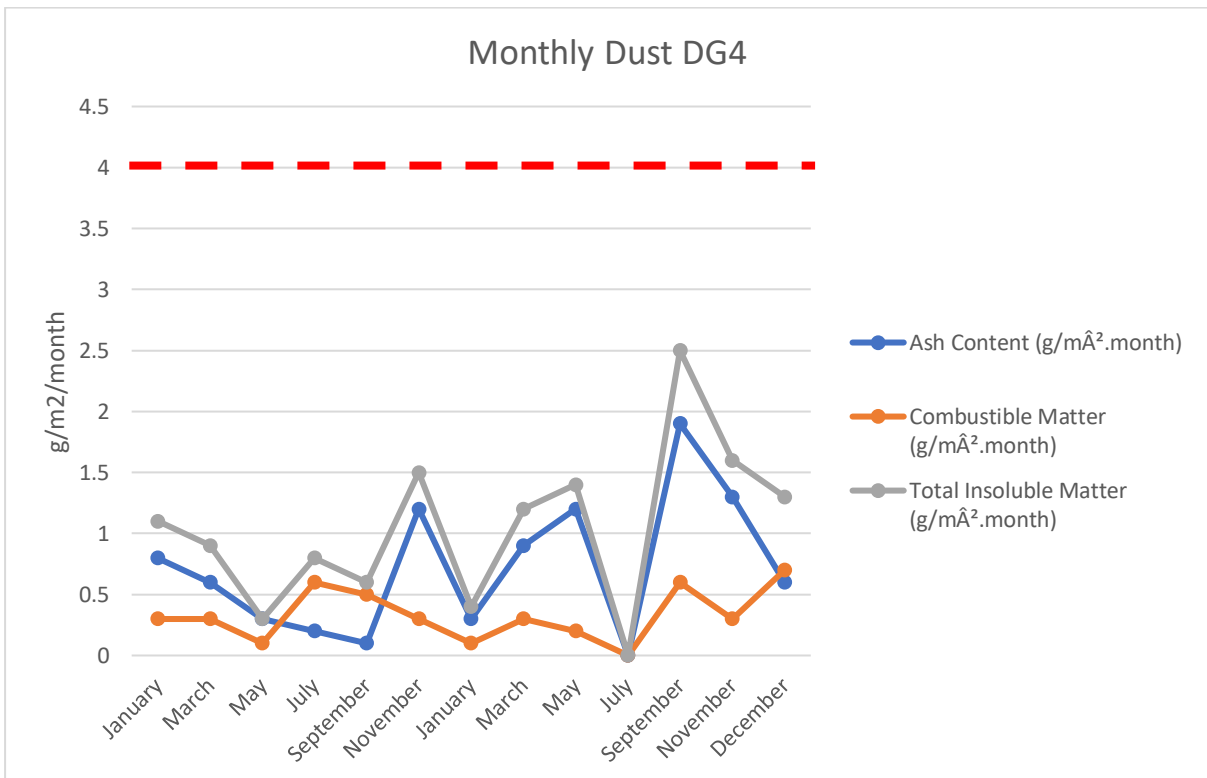
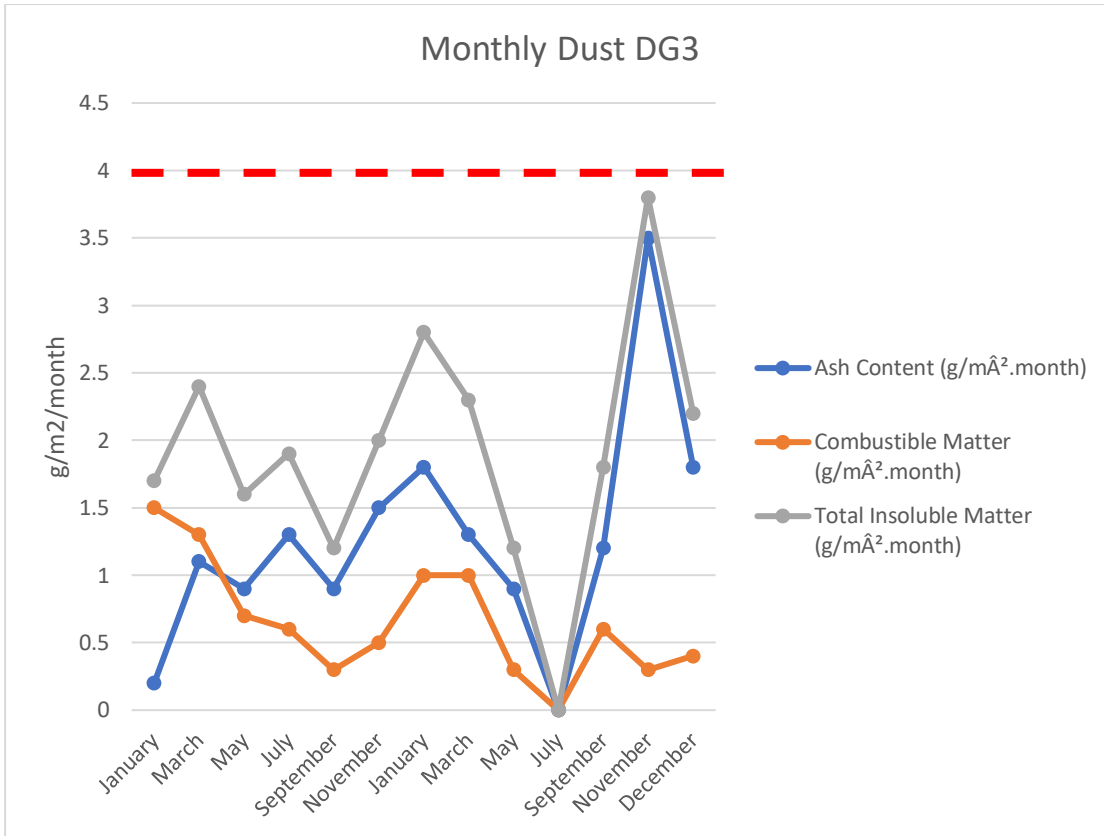
### Monthly Dust DG1



### Monthly Dust DG2



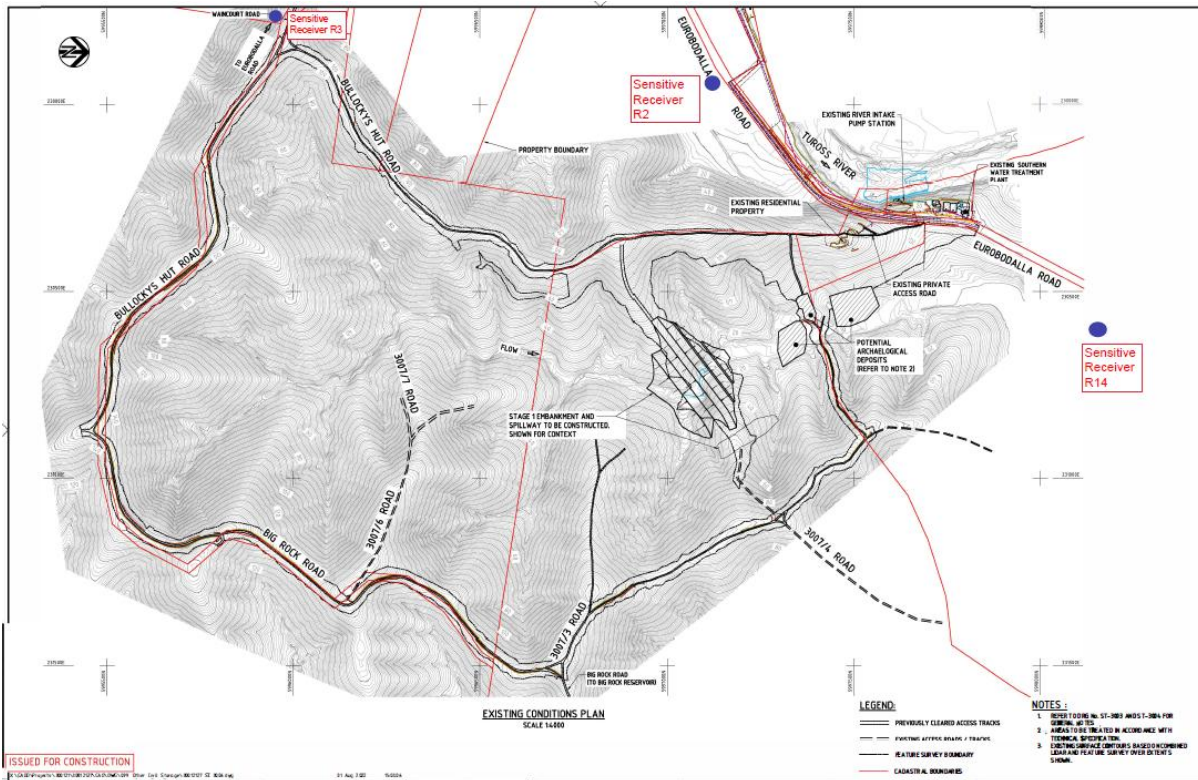




## ESWSS Noise Monitoring

Nose Management Level (NML) LAeq, 15 minutes for time period, dBA

NML LAeq,15min for time period, dB(A)		
Standard Hours	Outside of Standard Hours	
Day	Day/Evening	Evening/Night
45	40	35
75 (highly noise affected)	75 (highly noise affected)	Evening/Night



Eurobodalla Southern Water Supply Storage - Noise Monitoring				
Date	Site ID	Time	LAeq @ 15 mins	
20/03/2023	R2	11:36	39.1	
20/03/2023	R3	12:26	39.6	
20/03/2023	R14	15:45	38.4	
27/04/2023	R2	16:23	41	
27/04/2023	R3	12:28	46.1	
28/04/2023	R14	15:11	38.3	

31/05/2023	R2	15:43	32.8
18/05/2023	R3	15:58	37.1
31/05/2023	R14	16:14	42.8
16/06/2023	R2	12:16	33.1
16/06/2023	R3	11:46	39.5
	R14		
12/07/2023	R2	13:15	40.8
13/07/2023	R3	11:21	35.6
13/07/2023	R14	8:57	43.9
23/08/2023	R2	15:20	37.8
23/08/2023	R3	15:52	36.7
23/08/2023	R14	13:27	35
6/09/2023	R2	8:16	39.7
7/09/2023	R3	9:24	39.2
6/09/2023	R14	9:20	36
11/10/2023	R2	9:13	37
11/10/2023	R3	8:39	36.5
12/10/2023	R14	8:45	41.7
23/11/2023	R2	11:40	47.4
23/11/2023	R3	9:16	36.7
23/11/2023	R14	8:05	44.2
24/01/2024	R2	15:12	41
24/01/2024	R3	9:12	44.9
24/01/2024	R14	13:05	41
27/02/2024	R2	9:29	46.7
27/02/2024	R3	10:10	36.5
27/02/2024	R14	13:43	43.3
26/03/2024	R2	15:12	46.5
26/03/2024	R3	13:31	38.9
26/03/2024	R14	10:43	40.9
29/04/2024	R2	12:23	38.9
29/04/2024	R3	13:03	39.6
29/04/2024	R14	11:47	45.5
22/05/2024	R2	10:53	36.1
22/05/2024	R3	11:50	42.3
22/05/2024	R14	8:35	42.2
19/06/2024	R2	15:33	35.4
19/06/2024	R3	15:06	36.1
19/06/2024	R14	13:35	41.4
23/08/2024	R2	12:28	33.8
23/08/2024	R3	13:21	37.8
23/08/2024	R14	15:08	36.9
11/09/2024	R2	11:21	41.9
11/09/2024	R3	13:03	48.7
11/09/2024	R14	10:46	39.3