

Shoalhaven Heads Sewage Treatment Plant Boreholes - Monitoring Summary

Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541

(Groundwater Monitoring Well - EPL Point 7, 8, 9, 10, 11)

Environment Protection License No. 1735

Borehole	Frequency	Date Sample Obtained	Date Result Obtained	Analyte							
				Faecal Coliforms (CFU/100mL)	Nitrogen (Total) (mg/L)	Oil and Grease (mg/L)	pH (Units)	Phosphorus (Total) (mg/L)	Total Dissolved Solids (TDS) (mg/L)	Depth To Water (m)	Standing Water Level (m AHD)
EP-2 (E-208)	Quarterly	15/09/2022	23/09/2022	<1	4.8	<5	7.42	2.87	258	3.86	3.87
		18/10/2022	26/10/2022	26000	6.2	<5	7.42	3.57	316	3.32	4.41
		09/03/2023	16/03/2023	~1	1.7	<5	7.60	5.46	304	5.36	2.37
		16/05/2023	23/05/2023	~5	8.3	<5	7.12	4.06	332	4.78	2.95
EP-3 (E-209)	Quarterly	19/09/2022	27/09/2022	<1	0.6	<5	6.01	0.05	156	4.87	3.21
		18/10/2022	26/10/2022	<2	2.9	<5	6.25	0.29	160	4.57	3.51
		09/03/2023	16/03/2023	30	1.7	<5	6.64	0.30	128	5.61	2.47
		16/05/2023	23/05/2023	<2	0.4	<5	6.37	0.03	94	5.70	2.38
MW-1 (E-210)	Quarterly	15/09/2022	23/09/2022	<2	5.2	<5	6.75	0.82	112	5.48	3.37
		18/10/2022	26/10/2022	2	2.9	<5	6.75	0.31	130	5.28	3.57
		09/03/2023	16/03/2023	~2	2.1	<5	6.31	0.33	114	6.44	2.41
		16/05/2023	23/05/2023	<2	2.0	<5	6.27	0.35	110	6.43	2.42
MW-2 (E-211)	Quarterly	15/09/2022	23/09/2022	<2	1.3	<5	7.39	0.34	282	3.42	3.86
		18/10/2022	26/10/2022	<2	1.1	<5	7.36	0.53	278	3.3	3.98
		09/03/2023	16/03/2023	72	1	<5	7.54	0.72	260	4.66	2.62
		16/05/2023	23/05/2023	~2	0.5	<5	7.06	0.10	242	4.60	2.68
MW-3 (E-212)	Quarterly	15/09/2022	23/09/2022	<2	1.5	<5	7.33	0.45	258	3.44	4.06
		18/10/2022	26/10/2022	1100	2.6	<5	6.98	0.61	258	3.37	4.13
		09/03/2023	16/03/2023	<2	1.3	<5	7.11	0.49	239	4.77	2.73
		16/05/2023	23/05/2023	<2	0.8	<5	6.85	0.21	223	4.81	2.69

NOTES:

February 2023 monitoring was resampled in March 2023 following re-development of the borehole wells.