

EPL Concentration Limits

Pollutant	TSS	NTU ¹	pH	Oil and Grease
EPL Concentration Limit	50 mg/L	68 NTU	6.5 – 8.5	Not Visible

Monitoring Data for the month of August 2016

Basin	Date Discharge	pH	Turbidity (NTU)	TSS (mg/L)	Oil & Grease (visible)	% Discharge
B3 1844R	5/08/2016	7.1	37	8	Nil	60
B6 1962R	5/08/2016	8	27	N/A	Nil	100
B7 1971R	5/08/2016	7.9	25	12	Nil	100
B9 2058R	5/08/2016	8.2	40	N/A	Nil	100
B19 2557R	8/08/2016	7.4	8	5	Nil	100
B21 2631R	8/08/2016	7.4	5	N/A	Nil	100
B24A 2744R	8/08/2016	7.7	10	N/A	Nil	80
B2 1802R	8/08/2016	7.6	Land irrigation	N/A	Nil	100
B4 1892R	8/08/2016	7.4	45	N/A	Nil	100
B5 1935R	8/08/2016	7.9	25	13	Nil	100
B8 2030R	8/08/2016	8.2	5	N/A	Nil	100
B12 2137L	8/08/2016	7.1	27	N/A	Nil	100
B13 2230L	8/08/2016	7.2	14	N/A	Nil	100
B15 2251L	8/08/2016	7.1	38	N/A	Nil	100
B16 2293L	8/08/2016	7.4	45	N/A	Nil	100
B17 2381L	8/08/2016	7.5	27	N/A	Nil	100
B18A 2480L	8/08/2016	7.1	55	N/A	Nil	100
B23 2702R	9/08/2016	7.0	25	N/A	Nil	100
B24 2736R	9/08/2016	7.1	30	N/A	Nil	100
B26 2836R	9/08/2016	7.9	14	N/A	Nil	100

Halfway Creek to Glenugie Pacific Highway Upgrade
 Environment Protection Licence 20599 Monitoring Data
 August 2016



Basin	Date Discharge	pH	Turbidity (NTU)	TSS (mg/L)	Oil & Grease (visible)	% Discharge
B10 2085L	9/08/2016	7.5	9	N/A	Nil	100
B11 2105L	9/08/2016	7.4	55	N/A	Nil	100
B18A 2480L	9/08/2016	8.0	27	N/A	Nil	100
B1 1786R	10/08/2016	7.6	17	N/A	Nil	100
B14 2232R	10/08/2016	7.5	25	N/A	Nil	60
B4 1892R	19/08/2016	7.2	30	N/A	Nil	80
B9 2058R	19/08/2016	7.4	5	N/A	Nil	80
B19 2557R	26/08/2016	7.1	9	N/A	Nil	80
B21 2631R	26/08/2016	7.1	5	<2	Nil	60
B23 2702R	26/08/2016	6.6	19	N/A	Nil	95
B24 2736R	26/08/2016	6.8	55	N/A	Nil	70
B24A 2744R	26/08/2016	6.7	28	N/A	Nil	50
B1 1786R	26/08/2016	7.6	14	N/A	Nil	90
B3 1844R	26/08/2016	7.2	30	N/A	Nil	40
B5 1935R	26/08/2016	7.4	15	N/A	Nil	60
B6 1962R	26/08/2016	7.5	9	N/A	Nil	100
B7 1971R	26/08/2016	7.4	15	N/A	Nil	100
B8 2030R	26/08/2016	8.2	38	20	Nil	100
B10 2085L	26/08/2016	8.2	15	6	Nil	100
B11 2105L	26/08/2016	8.2	30	N/A	Nil	70
B13 2230L	26/08/2016	7.7	17	N/A	Nil	80
B16 2293L	26/08/2016	7.5	55	N/A	Nil	80
B18 2448L	26/08/2016	7.7	50	N/A	Nil	100
B18A 2480L	26/08/2016	7.9	40	N/A	Nil	70

**Halfway Creek to Glenugie Pacific Highway Upgrade
Environment Protection Licence 20599 Monitoring Data
August 2016**



Basin	Date Discharge	pH	Turbidity (NTU)	TSS (mg/L)	Oil & Grease (visible)	% Discharge
B26 2836R	29/08/2016	7.3	33	N/A	Nil	80
B4 1892R	29/08/2016	7.4	35	N/A	Nil	100
B14 2232R	29/08/2016	7.2	5	N/A	Nil	80
B15 2251L	29/08/2016	7.2	5	N/A	Nil	70
B2 1802R	29/08/2016	7.1	Land irrigation	N/A	Nil	100

Note: 1. EPA approved utilisation of correlation between Turbidity and TSS in accordance with Condition L2.7 on 11 March. The turbidity discharge limit is 68 NTU, which includes a 30% factor of safety. 1 in 10 sedimentation basin discharges will be sampled with TSS and Turbidity in parallel to confirm that the correlation (including factor of safety) established above maintains compliance with the EPL sedimentation basin discharge limit of TSS < 50mg/L as specified in EPL L2.4.