

### EPL Concentration Limits

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

### Monitoring Data for the month of June 2016

| Basin      | Date Discharge | pH  | Turbidity (NTU) | TSS (mg/L) | Oil & Grease (visible) | % Discharge |
|------------|----------------|-----|-----------------|------------|------------------------|-------------|
| B3 1844R   | 7/06/2016      | 7.9 | 28              | 18         | Nil                    | 100         |
| B4 1892R   | 7/06/2016      | 7.1 | 45              | N/A        | Nil                    | 100         |
| B7 1971R   | 7/06/2016      | 7.2 | 5               | N/A        | Nil                    | 100         |
| B12 2137L  | 7/06/2016      | 7.4 | 10              | N/A        | Nil                    | 100         |
| B17 2381L  | 7/06/2016      | 7.5 | 20              | N/A        | Nil                    | 60          |
| B19 2557R  | 7/06/2016      | 7.2 | 10              | N/A        | Nil                    | 80          |
| B21 2631R  | 7/06/2016      | 7.2 | <9              | <2         | Nil                    | 60          |
| B6 1962R   | 8/06/2016      | 7.8 | 10              | 5          | Nil                    | 100         |
| B13 2230L  | 8/06/2016      | 7.2 | 48              | N/A        | Nil                    | 100         |
| B18A 2480L | 8/06/2016      | 7.6 | 45              | 13         |                        | 100         |
| B15 2251L  | 8/06/2016      | 7.2 | 24              | N/A        | Nil                    | 80          |
| B16 2293L  | 8/06/2016      | 7.1 | 30              | N/A        | Nil                    | 80          |
| B18A 2480L | 9/06/2016      | 7.6 | 45              | 13         | Nil                    | 60          |
| B1 1786R   | 9/06/2016      | 7.4 | 30              | N/A        | Nil                    | 100         |
| B5 1935R   | 9/06/2016      | 7.6 | 35              | N/A        | Nil                    | 100         |
| B8 2030R   | 9/06/2016      | 8   | 24              | N/A        | Nil                    | 100         |
| B10 2085R  | 9/06/2016      | 8   | 22              | 7          | Nil                    | 100         |
| B11 2105L  | 9/06/2016      | 7.5 | 32              | N/A        | Nil                    | 100         |
| B18 2448R  | 9/06/2016      | 7.2 | 27              | N/A        | Nil                    | 60          |
| B22 2676R  | 9/06/2016      | 7.2 | 10              | N/A        | Nil                    | 80          |
| B23 2702R  | 9/06/2016      | 7.3 | 20              | N/A        | Nil                    | 80          |
| B24 2736R  | 9/06/2016      | 7.2 | 40              | N/A        | Nil                    | 60          |
| B26 2836R  | 9/06/2016      | 7.6 | 22              | N/A        | Nil                    | 60          |
| B9 2058R   | 10/06/2016     | 7.7 | 60              | N/A        | Nil                    | 100         |
| B14 2232R  | 10/06/2016     | 7.6 | 24              | N/A        | Nil                    | 80          |
| B3 1844R   | 20/06/2016     | 8.1 | 30              | N/A        | Nil                    | 100         |
| B6 1962R   | 20/06/2016     | 7.6 | 5               | N/A        | Nil                    | 100         |
| B7 1971R   | 20/06/2016     | 7.5 | 9               | 4          | Nil                    | 100         |
| B12 2137L  | 20/06/2016     | 7.1 | 13              | N/A        | Nil                    | 100         |
| B13 2230L  | 20/06/2016     | 7.2 | 35              | N/A        | Nil                    | 100         |
| B1 1786R   | 21/06/2016     | 7.5 | 30              | N/A        | Nil                    | 100         |
| B8 2030R   | 21/06/2016     | 6.9 | 14              | N/A        | Nil                    | 100         |
| B17 2381L  | 21/06/2016     | 7.7 | <9              | N/A        | Nil                    | 70          |

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



| Basin      | Date Discharge | pH  | Turbidity (NTU) | TSS (mg/L) | Oil & Grease (visible) | % Discharge |
|------------|----------------|-----|-----------------|------------|------------------------|-------------|
| B21 2631R  | 21/06/2016     | 6.8 | <9              | N/A        | Nil                    | 90          |
| B5 1935R   | 22/06/2016     | 7.2 | 5               | N/A        | Nil                    | 100         |
| B10 2085L  | 22/06/2016     | 7.6 | 5               | N/A        | Nil                    | 100         |
| B11 2105L  | 22/06/2016     | 7.2 | 35              | N/A        | Nil                    | 100         |
| B19 2557R  | 22/06/2016     | 6.9 | <9              | N/A        | Nil                    | 90          |
| B24 2736R  | 22/06/2016     | 7.6 | 35              | N/A        | Nil                    | 60          |
| B24A 2744R | 22/06/2016     | 7.5 | 16              | N/A        | Nil                    | 60          |
| B4 1892R   | 23/06/2016     | 7.2 | 45              | N/A        | Nil                    | 100         |
| B9 2058R   | 23/06/2016     | 7.6 | 27              | N/A        | Nil                    | 100         |
| B15 2251L  | 23/06/2016     | 7.4 | <9              | N/A        | Nil                    | 90          |
| B18 2448R  | 23/06/2016     | 7.5 | 24              | N/A        | Nil                    | 60          |
| B18A 2480L | 23/06/2016     | 7.3 | 30              | N/A        | Nil                    | 80          |
| B23 2702R  | 23/06/2016     | 7.6 | <9              | N/A        | Nil                    | 60          |
| B14 2232R  | 24/06/2016     | 7.8 | 27              | 8          | Nil                    | 80          |
| B16 2293L  | 24/06/2016     | 7.8 | 27              | 7          | Nil                    | 80          |
| B26 2836R  | 24/06/2016     | 7.2 | 30              | N/A        | Nil                    | 80          |

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.