

Taronga Zoo holds an Environment Protection Licence (EPL #: 1677) to discharge water into Sydney Harbour. This licence is issued under the Protection of the Environment Operations Act 1997 (POEO Act).

In accordance with section 66(6) of the Act, Taronga is required to publish pollution monitoring results. The intention of this requirement is to improve the general public's access to information about the environmental performance of licensed facilities.



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| EPL number | 1677 |
| Licensee | ZOOLOGICAL PARKS BOARD OF NSW (trading as Taronga Conservation Society Australia) |
| Site | Taronga Zoo |
| Premises address | Bradleys Head Road, Mosman, NSW 2088 |
| Activity | Taronga Water Recycling Plant (EPL Monitoring Point 4) Great Southern Oceans Exhibit (EPL Monitoring Point 2) |
| Web link | Taronga EPL 1677 details on NSW EPA Public Register Note for Internet Explorer 10 users: Some functionality on this website is currently not compatible with Internet Explorer 10. If you find that functionality on this website is unresponsive, you can try running your browser in compatibility mode: Open Internet Explorer 10 Press 'ALT' key on your keyboard to bring up the top menu. Then, go to Tools > Developer Tools. This will bring up the IE developer tools menu. Select IE9 or IE8 from this menu. |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 02 April 2020 – Monitoring Point 2 & 4 | | | | |
| Data obtained by Licensee | 09 April 2020 – Monitoring Point 2 & 4 | | | | |
| Monitoring Point | Frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly frequency | pH | 7.8 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly frequency | pH | 7.94 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--------------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 07 May 2020 – Monitoring Point 2 & 4 | | | | |
| Data obtained by Licensee | 14 May 2020 – Monitoring Point 2 & 4 | | | | |
| Monitoring Point | Frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly frequency | pH | 7.81 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly frequency | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | 9 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|---------------------------|-------------|-------------|---------|-----------|
| Date sampled | 10 June 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 17 June 2020 –Point 2 & 4 | | | | |
| EPL monitoring point | Frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly frequency | pH | 7.79 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| 4 | Monthly frequency | pH | 7.82 | 6.5-8.5 | - |
| | | TSS | 18 | 20 | mg/L |
| | | BOD | 3 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--------------------------|-------------|-------------|---------|-----------|
| Date sampled | 2 July 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 9 July 2020 –Point 2 & 4 | | | | |
| EPL monitoring point | Frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly frequency | pH | 7.71 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly frequency | pH | 7.75 | 6.5-8.5 | - |
| | | TSS | 12 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 12 August 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 21 August 2020 –Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.84 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 27 August 2020 –Point 2 | | | | |
| Data obtained by Licensee | 2 September 2020 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.93 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|--------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 10 September 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 17 September 2020–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.81 | 6.5-8.5 | - |
| | | TSS | 10 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | 15 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 24 September 2020 –Point 2 | | | | |
| Data obtained by Licensee | 30 September 2020 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.65 | 6.5-8.5 | - |
| | | TSS | 16 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

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|---------------------------|-------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 8 October 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 15 October 2020–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.95 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.87 | 6.5-8.5 | - |
| | | TSS | 12 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--|-----------|-------------|---------|------|
| Date sampled | 22 October 2020 –Point 2 | | | | |
| Data obtained by Licensee | 29 th October 2020- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.54 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|-------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 5 November 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 12 November 2020–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.98 | 6.5-8.5 | - |
| | | TSS | 9 | 50 | mg/L |
| | | BOD | 3 | 20 | mg/L |
| 4 | Monthly | pH | 8.33 | 6.5-8.5 | - |
| | | TSS | 15 | 20 | mg/L |
| | | BOD | 16* | 15 | mg/L |
| | | Enterococci | ~1 | 40 | CFU/100mL |

**Sample taken at discharge and monitoring point 4 (water recycling plant) on 5th November 2020 measured 16 mg/L of BOD. The BOD concentration limit stipulated in the licence is 15 mg/L. Investigations have found that there were no abnormalities in the process on the 5th November that could potentially lead to the elevated level. Because the limit was only exceeded by 1 mg/L, a likely explanation may be sampling/and or analysis error.*

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 19 November 2020 –Point 2 | | | | |
| Data obtained by Licensee | 26 November 2020- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 6.98 | 6.5-8.5 | - |
| | | TSS | 13 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|-------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 3 December 2020 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 10 December 2020–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.83 | 6.5-8.5 | - |
| | | TSS | 28 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.87 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 17 December 2020 –Point 2 | | | | |
| Data obtained by Licensee | 24 December 2020- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.80 | 6.5-8.5 | - |
| | | TSS | 12 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 7 th January 2021 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 13 th January 2021–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.94 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.62 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--|-----------|-------------|---------|------|
| Date sampled | 21 st January 2021 –Point 2 | | | | |
| Data obtained by Licensee | 28 th January 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | 17 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---------------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 4 th Feb 2021 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 11 th Feb 2021–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.68 | 6.5-8.5 | - |
| | | TSS | 6 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 6.87 | 6.5-8.5 | - |
| | | TSS | 7 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 18 February 2021 –Point 2 | | | | |
| Data obtained by Licensee | 25 February 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.73 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 4 th March 2021 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 16 th March 2021–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.74 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.93 | 6.5-8.5 | - |
| | | TSS | 10 | 20 | mg/L |
| | | BOD | 3 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 18 March 2021 –Point 2 | | | | |
| Data obtained by Licensee | 25 March 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.74 | 6.5-8.5 | - |
| | | TSS | 8 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 1 st April 2021 –Point 2 & 4 | | | | |
| Data obtained by Licensee | 9 th April 2021–Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.88 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.92 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
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|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 15 th April 2021 – Point 2 | | | | |
| Data obtained by Licensee | 22 nd April 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.07 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 29 th Apr 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 7 th May 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.84 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.59 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 11 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 13 May 2021 –Point 2 | | | | |
| Data obtained by Licensee | 20 May 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.73 | 6.5-8.5 | - |
| | | TSS | 26 | 50 | mg/L |
| | | BOD | 3 | 20 | mg/L |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 26 May 2021 –Point 2 | | | | |
| Data obtained by Licensee | 2 June 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.98 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 5 | 20 | mg/L |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 15 th June 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 22 nd June 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | 14 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.83 | 6.5-8.5 | - |
| | | TSS | 13 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--------------------------------------|-----------|-------------|---------|------|
| Date sampled | 29 th June 2021 - Point 2 | | | | |
| Data obtained by Licensee | 7 th July 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.58 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 13 th July 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 20 th July 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.76 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.76 | 6.5-8.5 | - |
| | | TSS | 10 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|--------------------------------------|-----------|-------------|---------|------|
| Date sampled | 27 th July 2021 - Point 2 | | | | |
| Data obtained by Licensee | 3 rd Aug 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | 6 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 10 Aug 2021- Point 2 | | | | |
| Data obtained by Licensee | 17 Aug 2021- Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 6.9 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

Point 4 samples were cancelled because the WWTP was switched-off for cleaning. Samples will be conducted at WWTP in mid to late August.

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|---|---|-------------|-------------|---------|-----------|
| Date sampled | 24 th Aug 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 30 th August 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.30 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 3 | 20 | mg/L |
| 4 | Monthly | pH | 6.56 | 6.5-8.5 | - |
| | | TSS | 36* | 20 | mg/L |
| | | BOD | 4 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| *The likely cause of TSS exceedance was heavy rain (30+mm) and water flow through the system increasing significantly. The clarifier had just been restarted from a major clean, and probably the increase of the flow induced wash out of some sludge remains. | | | | | |

| Date sampled | 7 th Sep 2021 – Point 2 | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Data obtained by Licensee | 14 th Sep 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.95 | 6.5-8.5 | - |
| | | TSS | 20 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

| Date sampled | 21 st Sep 2021 – Point 2 & 4 | | | | |
|---------------------------|---|-------------|-------------|---------|-----------|
| Data obtained by Licensee | 28 th Sep 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.01 | 6.5-8.5 | - |
| | | TSS | 36 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.77 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 5 th Oct 2021 – Point 2 | | | | |
| Data obtained by Licensee | 11 th Sep 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 6.79 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 19 th Oct 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 26 th Oct 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.86 | 6.5-8.5 | - |
| | | TSS | 12 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| 4 | Monthly | pH | 7.64 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 2 nd Nov 2021 – Point 2 | | | | |
| Data obtained by Licensee | 10 th Nov 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.75 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 16 th Nov 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 23 rd Nov 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.01 | 6.5-8.5 | - |
| | | TSS | 8 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.95 | 6.5-8.5 | - |
| | | TSS | 12 | 20 | mg/L |
| | | BOD * | 32 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

*Sample showed elevated levels of Biochemical Oxygen Demand at point 4 (Water treatment plant). The reading was 32 mg/L and the Licence stipulates a limit of 15 mg/L. On that day, other parameters like TSS and enterococci were within the limits stipulated in our Licence. There weren't

any signs of water quality deteriorating on the sampling day nor on the day before. We have investigated potential causes for the elevated BOD, and believe the likely cause is that stagnant water in 'Styx yard tanks' had an unscheduled clean and drop, and this caused high BOD at the WWTP when this water was dropped. Therefore, is considered a 'once off' incident (it is worth noting that we have not had an exceedance of BOD for several years besides one sampling error). To prevent reoccurrence, we will drain these 'Styx yard tanks' more frequently to allow water to better exchange. Because BOD correlates with TSS, we are ensuring that TSS is in normal range, for example by checking UV intensity parameters at the discharge Point 4 UV system. In terms of our WWTP equipment, all systems are running as normal and no faults have been reported.

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|---------------------------|------------------------------------|-----------|-------------|---------|------|
| Date sampled | 30th Nov 2021 – Point 2 | | | | |
| Data obtained by Licensee | 7 th Dec 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.66 | 6.5-8.5 | - |
| | | TSS | 9 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 14 th Dec 2021 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 22 nd Dec 2021– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.17 | 6.5-8.5 | - |
| | | TSS | 19 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.96 | 6.5-8.5 | - |
| | | TSS | 13 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 21 st Dec 2021 – Point 2 | | | | |
| Data obtained by Licensee | 30 th Dec 2021 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.44 | 6.5-8.5 | - |
| | | TSS | 23 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---|---|-------------|-------------|---------|-----------|
| Date sampled | 11 th Jan 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 18 th Jan 2022– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.68 | 6.5-8.5 | - |
| | | TSS | 64* | 50 | mg/L |
| | | BOD | 5 | 20 | mg/L |
| 4 | Monthly | pH | 8 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| *Sample showed elevated levels of Total Suspended Solids. On that day, other parameters like pH and BOD were within the limits stipulated in our Licence. Enterococci levels at Point 2 were also low, at 12 CFU/100mL. We have investigated the potential cause of the elevated TSS and found that there was no process changes or functional issues that could cause exceedance in TSS on that day. Therefore, is considered a ‘once off’ incident or sampling error. In terms of our existing equipment, all systems are running as normal and no faults have been reported. | | | | | |

| | | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 25 th Jan 2022 – Point 2 | | | | |
| Data obtained by Licensee | 1 st Feb 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | 10 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

| | | | | | |
|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 8 th Feb 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 14 th Feb 2022– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.55 | 6.5-8.5 | - |
| | | TSS | 12 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.49 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

| | | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 22 nd Feb 2022 – Point 2 | | | | |
| Data obtained by Licensee | 28 th Feb 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.25 | 6.5-8.5 | - |
| | | TSS | 10 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

| | | | | | |
|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 8 th March 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 15 th March 2022– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.25 | 6.5-8.5 | - |
| | | TSS | 41 | 50 | mg/L |
| | | BOD | 5 | 20 | mg/L |
| 4 | Monthly | pH | 8.29 | 6.5-8.5 | - |
| | | TSS | 15 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | ~4 | 40 | CFU/100mL |

| | | | | | |
|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 22 nd March 2022 – Point 2 | | | | |
| Data obtained by Licensee | 29 th March 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.93 | 6.5-8.5 | - |
| | | TSS | 30 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

| | | | | | |
|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 5 th April 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 12 th April 2022– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.81 | 6.5-8.5 | - |
| | | TSS | 6 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 8.15 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

| | | | | | |
|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 19 th April 2022 – Point 2 | | | | |
| Data obtained by Licensee | 26 th April 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.43 | 6.5-8.5 | - |
| | | TSS | 20 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 3 rd May 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 10 th May 2022– Point 2 & 4 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.67 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

| | | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 17 th May 2022 – Point 2 | | | | |
| Data obtained by Licensee | 26 th May 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.97 | 6.5-8.5 | - |
| | | TSS | 13 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

| | | | | | |
|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 31 st May 2022– Point 2 & 4 | | | | |
| Data obtained by Licensee | 8 th June 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.49 | 6.5-8.5 | - |
| | | TSS | 12 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 8.0 | 6.5-8.5 | - |
| | | TSS | 6 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

| | | | | | |
|---------------------------|--------------------------------------|-----------|-------------|---------|------|
| Date sampled | 14 th June 2022 – Point 2 | | | | |
| Data obtained by Licensee | 21 st June 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.63 | 6.5-8.5 | - |
| | | TSS | 24 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 28 th June 2022– Point 2 & 4 | | | | |
| Data obtained by Licensee | 5 th Jul 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.60 | 6.5-8.5 | - |
| | | TSS | 16 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| 4 | Monthly | pH | 7.58 | 6.5-8.5 | - |
| | | TSS | 6 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 12 th Jul 2022 – Point 2 | | | | |
| Data obtained by Licensee | 19 th Jul 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8 | 6.5-8.5 | - |
| | | TSS | 30 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|--|-----------|-------------|---------|------|
| Date sampled | 26 th Jul 2022– Point 2 & 4 | | | | |
| Data obtained by Licensee | 2 nd Aug 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.8 | 6.5-8.5 | - |
| | | TSS | 14 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.93 | 6.5-8.5 | - |
| | | TSS | 10 | 20 | mg/L |
| | | BOD | 3 | 15 | mg/L |

| | | | | | |
|--|--|-------------|----|----|-----------|
| | | Enterococci | ~1 | 40 | CFU/100mL |
|--|--|-------------|----|----|-----------|

| | | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 9 th Aug 2022 – Point 2 | | | | |
| Data obtained by Licensee | 16 th Aug 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.85 | 6.5-8.5 | - |
| | | TSS | 35 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

| | | | | | |
|--|---|-------------|-------------|---------|-----------|
| Date sampled | 23 rd Aug 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 30 th Aug 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.92 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| 4 | Monthly | pH | 7.91 | 6.5-8.5 | - |
| | | TSS | 26* | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| *Point 4 measured 26mg/L for Total Suspended Solids, whereas the limit stipulated on our Licence is 20mg/L. Cause of this slight exceedance was investigated and believed to be related to a blockage of the Rotork valve at the Water Treatment Plant. Just prior to the sampling event this blockage was detected, and the blocked valve was unblocked which restored normal flow to the downstream treatment system. During and after pipe unblockage there was increased velocities of water to the buffer tank and then to sampling Point 4. The tail of this ‘first flash’ was captured in the sampling event. | | | | | |

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|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 6 th Sep 2022 - Point 2 | | | | |
| Data obtained by Licensee | 13 th Sep 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.98 | 6.5-8.5 | - |
| | | TSS | 14 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

| | | | | | |
|---------------------------|---|--|--|--|--|
| Date sampled | 20 th Sep 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 28 th Sep 2022– Point 2 & 4 | | | | |
| | | | | | |

| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
|----------------------|-------------------------------|-------------|-------------|---------|-----------|
| 2 | Fortnightly | pH | 7.95 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

| Date sampled | 4 th Oct 2022 - Point 2 | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Data obtained by Licensee | 11 th Oct 2022 - Point 2 | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.69 | 6.5-8.5 | - |
| | | TSS | 10 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 20 th October 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 27 th October 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.85 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| Date sampled | 1 st November 2022 – Point 2 & 4 | | | | |
|---------------------------|---|-----------|-------------|-------|------|
| Data obtained by Licensee | 8 th November 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |

| | | | | | |
|---|-------------|-------------|------|---------|-----------|
| 2 | Fortnightly | pH | 7.94 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.85 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|----------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 15th November 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 22nd November 2022– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.69 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 8.01 | 6.5-8.5 | - |
| | | TSS | 13 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|--|-----------|-------------|---------|------|
| Date sampled | 30th November 2022 – Point 2 | | | | |
| Data obtained by Licensee | 7 th December 2022– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.82 | 6.5-8.5 | - |
| | | TSS | 47 | 50 | mg/L |
| | | BOD | 22 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|--|--|--|--|--|
| Date sampled | 13 th December 2022 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 20 th December 2022– Point 2 & 4 | | | | |
| | | | | | |

| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
|----------------------|-------------------------------|-------------|-------------|---------|-----------|
| 2 | Fortnightly | pH | 8.00 | 6.5-8.5 | - |
| | | TSS | 5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.9 | 6.5-8.5 | - |
| | | TSS | 20 | 20 | mg/L |
| | | BOD | 3 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 17 th January 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 23 rd January 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.93 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | 13 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 31 st January 2023 – Point 2 | | | | |
| Data obtained by Licensee | 7 th February 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 8.01 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| Date sampled | 14 th February 2023 – Point 2 & 4 | | | | |
|---------------------------|--|-----------|-------------|---------|------|
| Data obtained by Licensee | 21 st February 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.99 | 6.5-8.5 | - |

| | | | | | |
|---|---------|-------------|------|---------|-----------|
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 8.06 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|--|-----------|-------------|---------|------|
| Date sampled | 28 th February 2023 – Point 2 | | | | |
| Data obtained by Licensee | 7 th March 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.79 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 14 th March 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 21 st March 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.87 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.82 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 28 th March 2023 – Point 2 | | | | |
| Data obtained by Licensee | 3 rd April 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.91 | 6.5-8.5 | - |

| | | | | | |
|--|--|-----|----|----|------|
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 11 th April 2023 – Point 2 | | | | |
| Data obtained by Licensee | 17 th April 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---------------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 12 th April 2023 – Point 2 | | | | |
| Data obtained by Licensee | 18 th April 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 4 | Monthly | pH | 7.65 | 6.5-8.5 | - |
| | | TSS | 8 | 50 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| | | BOD | 3 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---------------------------------------|-----------|-------------|---------|------|
| Date sampled | 26 th April 2023 – Point 2 | | | | |
| Data obtained by Licensee | 2 nd May 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.89 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 9 th of May 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 15 th of May 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.66 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.25 | 6.5-8.5 | - |
| | | TSS | 11 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|-------------------------------------|-----------|-------------|---------|------|
| Date sampled | 23 th May 2023 – Point 2 | | | | |
| Data obtained by Licensee | 30 th May 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.65 | 6.5-8.5 | - |
| | | TSS | 10 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 13 th of June 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 19 th of June 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.37 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.32 | 6.5-8.5 | - |
| | | TSS | 8 | 20 | mg/L |

| | | | | | |
|--|--|-------------|----|----|-----------|
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 27th June 2023 – Point 2 | | | | |
| Data obtained by Licensee | 4th July 2023 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.75 | 6.5-8.5 | - |
| | | TSS | 5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

| | | | | | |
|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 11 th of July 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 1 st of August 2023 – Point 2 & 7 th of August 2023– Point 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.5 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.44 | 6.5-8.5 | - |
| | | TSS | 9 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

| | | | | | |
|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 25 th of July 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 7 th of August 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.66 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

| | | | | | |
|---|---------|-------------|------|---------|-----------|
| 4 | Monthly | pH | 7.75 | 6.5-8.5 | - |
| | | TSS | 14 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 8th August 2023 – Point 2 | | | | |
| Data obtained by Licensee | 15th August 2023 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.79 | 6.5-8.5 | - |
| | | TSS | 22 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 22 nd of August 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 28 th of August 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.83 | 6.5-8.5 | - |
| | | TSS | 16 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.53 | 6.5-8.5 | - |
| | | TSS | 18 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|-------------------------------|-----------|-------------|---------|------|
| Date sampled | 5th September 2023 – Point 2 | | | | |
| Data obtained by Licensee | 12th September 2023 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.77 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 19 th of September 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 26 th of September 2023– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.97 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| 4 | Monthly | pH | 7.53 | 6.5-8.5 | - |
| | | TSS | 16 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 3 rd of October 2023 – Point 2 | | | | |
| Data obtained by Licensee | 9 th of October 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.64 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 17th of October 2023 – Point 2 | | | | |
| Data obtained by Licensee | 24 th of October 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.62 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |

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|--|--|-------------|----|----|-----------|
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 31st of October 2023 – Point 2 | | | | |
| Data obtained by Licensee | 6 th of November 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.65 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---------------------------------|-------------|-------------|---------|-----------|
| Date sampled | 14th of November 2023 – Point 2 | | | | |
| Data obtained by Licensee | 21st of November 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.91 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---------------------------------|-----------|-------------|---------|------|
| Date sampled | 28th of November 2023 – Point 2 | | | | |
| Data obtained by Licensee | 5th of December 2023– Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.64 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|--|--|-------------|----|----|-----------|
| | | Enterococci | <1 | 40 | CFU/100mL |
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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 12 th of December 2023 – Point 2 13 th of December 2023 – Point 4 | | | | |
| Data obtained by Licensee | 19 th of December 2023 – Point 2 20 th of December 2023– Point 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.83 | 6.5-8.5 | - |
| | | TSS | 30 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.73 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 3 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 19 th of December 2023 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 2nd of January 2024– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.57 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.32 | 6.5-8.5 | - |
| | | TSS | 12 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 2 nd of January 2024 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 8 th of January 2024– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.77 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |

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|---|---------|-------------|------|---------|-----------|
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.61 | 6.5-8.5 | - |
| | | TSS | 6 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 16 th of January 2024 – Point 2 | | | | |
| Data obtained by Licensee | 23 rd of January 2024 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.76 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 30 th of January 2024 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 6 th of February 2024– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.86 | 6.5-8.5 | - |
| | | TSS | 33 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.69 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-----------|-------------|---------|------|
| Date sampled | 20 th of February 2024 – Point 2 | | | | |
| Data obtained by Licensee | 26 th of February 2024 – Point 2 | | | | |
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| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.81 | 6.5-8.5 | - |

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|--|--|-------------|----|----|-----------|
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 5 th of March 2024 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 12 th of March 2024– Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.73 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.7 | 6.5-8.5 | - |
| | | TSS | 6 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 19 th of March 2024 – Point 2 | | | | |
| Data obtained by Licensee | 27 th of March 2024 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.76 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 2 nd of April 2024 – Point 2 | | | | |
| Data obtained by Licensee | 8 th of April 2024 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.85 | 6.5-8.5 | - |
| | | TSS | 66* | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

*Point 2 measured 66mg/L for Total Suspended Solids, whereas the limit stipulated on our Licence is 50mg/L. Cause of this slight exceedance was investigated and believed to be due to cleaning of the diversion chamber and rising mains pump pit after a large rain event. We also analysed the daily water and rainfall reports. On that day, other parameters like pH, BOD and Enterococci were within the limits stipulated in our licence.

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 16 th of April 2024 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 24 th of April 2024 – Point 2 26 th of April 2024 – Point 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.88 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 8.1 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | ~1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 14 th of May 2024 – Point 2 & 4 | | | | |
| Data obtained by Licensee | 20 th of May 2024 – Point 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.84 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.97 | 6.5-8.5 | - |
| | | TSS | 6 | 20 | mg/L |
| | | BOD | 4 | 15 | mg/L |
| | | Enterococci | 40 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 18 th of June 2024 – Points 2 & 4 | | | | |
| Data obtained by Licensee | 20 th of August 2024 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.88 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 18 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.8 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 16 th of July 2024 – Points 2 & 4 | | | | |
| Data obtained by Licensee | 8 th of August 2024 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.78 | 6.5-8.5 | - |
| | | TSS | 20 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.71 | 6.5-8.5 | - |
| | | TSS | 7 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 20 th of August 2024 – Points 2 & 4 | | | | |
| Data obtained by Licensee | 14 th of October 2024 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.54 | 6.5-8.5 | - |
| | | TSS | 11 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.16 | 6.5-8.5 | - |
| | | TSS | 7 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 17 th of September 2024 – Points 2 & 4 | | | | |
| Data obtained by Licensee | 14 th of October 2024 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.86 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.29 | 6.5-8.5 | - |
| | | TSS | 9 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | ~5 | 40 | CFU/100mL |
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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 15 th of October 2024 – Point 2 | | | | |
| Data obtained by Licensee | 11 th of November 2024 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.91 | 6.5-8.5 | - |
| | | TSS | 18 | 50 | mg/L |
| | | BOD | 3 | 20 | mg/L |
| | | Enterococci | 16 | 40 | CFU/100mL |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 12 th of November 2024 – Point 2 | | | | |
| Data obtained by Licensee | 10 th of December 2024 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.65 | 6.5-8.5 | - |
| | | TSS | 5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 10 th of December 2024 – Point 2 | | | | |
| Data obtained by Licensee | 20 th of January 2025 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.64 | 6.5-8.5 | - |
| | | TSS | 6 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|-------------|-------------|---------|-----------|
| Date sampled | 21 st of January 2025 – Point 2 | | | | |
| Data obtained by Licensee | 24 th of February 2025 – Point 2 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Fortnightly | pH | 7.67 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|---|--|--|--|--|
| Date sampled | 18 th of February 2025 – Point 2 | | | | |
| Data obtained by Licensee | 17 th of March 2025 – Point 2 | | | | |
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| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
|----------------------|-------------------------------|-------------|-------------|---------|-----------|
| 2 | Fortnightly | pH | 7.60 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100mL |
| | | | | | |

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|---------------------------|--|-------------|-------------|---------|-----------|
| Date sampled | 4 th of March 2025 – Point 4 | | | | |
| Data obtained by Licensee | 17 th of April 2025 – Point 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 4 | Fortnightly | pH | 7.61 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | 2 | 20 | mg/L |
| | | Enterococci | ~1 | 40 | CFU/100mL |
| | | | | | |

| Date sampled | 18 th of March 2025 – Points 2 & 4 | | | | |
|---------------------------|---|-------------|-------------|---------|-----------|
| Data obtained by Licensee | 17 th of April 2025 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.88 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.52 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | 2 | 15 | mg/L |
| | | Enterococci | *85 | 40 | CFU/100mL |

*Point 4 measured 85 CFU/100mL for Enterococci, whereas the limit stipulated on our Licence is 40 CFU/ 100mL. The cause of this slight exceedance was investigated and believed to be due to the UV system. On that day, other parameters like pH, BOD and TSS were within the limits stipulated in our licence. To prevent reoccurrence, the UV system was serviced at the end of May 2025. In terms of the WWTP equipment, all other systems were running as expected and no other faults were reported. Water quality results will be closely monitored after the UV system has been serviced.

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|---|--|-------------|-------------|---------|-----------|
| Date sampled | 4 th of April 2025 – Points 2 & 4 | | | | |
| Data obtained by Licensee | 6 th of May 2025 – Points 2 & 4 | | | | |
| | | | | | |
| EPL monitoring point | Required monitoring frequency | Pollutant | Measurement | Limit | Unit |
| 2 | Monthly | pH | 7.79 | 6.5-8.5 | - |
| | | TSS | <5 | 50 | mg/L |
| | | BOD | <2 | 20 | mg/L |
| | | Enterococci | <1 | 40 | CFU/100ml |
| 4 | Monthly | pH | 7.57 | 6.5-8.5 | - |
| | | TSS | <5 | 20 | mg/L |
| | | BOD | <2 | 15 | mg/L |
| | | Enterococci | *52 | 40 | CFU/100mL |
| *Point 4 measured 52 CFU/100mL for Enterococci, whereas the limit stipulated on our Licence is 40 CFU/ 100mL. The cause of this slight exceedance was investigated and believed to be due to the UV system. On that day, other parameters like pH, BOD and TSS were within the limits stipulated in our licence. To prevent reoccurrence, the UV system was serviced at the end of May 2025. In terms of the WWTP equipment, all other systems were running as expected and no other faults were reported. Water quality results will be closely monitored after the UV system has been serviced. | | | | | |