

## POLLUTION MONITORING DATA

**Licensee:** Central Coast Council, PO Box 21 Gosford NSW 2250  
**Location of Pollution Monitoring Point:** Ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants  
**Publishing Date:** 18 June 2025

**EPL No. 1802–** Kincumber Sewage Treatment Plant  
**Licence Period:** 1 June 2022- 31 May 2023

### COMPLIANCE STATUS

Results obtained for licence period are within annual concentration limits.

| Biochemical<br>Oxygen<br>Demand<br>(BOD)<br>(mg/L) | Oil and<br>Grease<br>(O&G)<br>(mg/L) | Total Nitrogen<br>(TN) (mg/L) | Total<br>Phosphorus<br>(TP) (mg/L) | Total Suspended<br>Solids (TSS)<br>(mg/L) | pH |
|----------------------------------------------------|--------------------------------------|-------------------------------|------------------------------------|-------------------------------------------|----|
|----------------------------------------------------|--------------------------------------|-------------------------------|------------------------------------|-------------------------------------------|----|

### CONCENTRATION LIMITS

|                |    |    |   |   |    |           |
|----------------|----|----|---|---|----|-----------|
| 100 percentile | 30 | 10 | - | - | 65 | 6.5 - 8.5 |
|----------------|----|----|---|---|----|-----------|

### POLLUTION MONITORING DATA SUMMARY (provided at end of annual reporting period)

| Collected  | Obtained   | Published  | BOD<br>(mg/L) | O&G<br>(mg/L) | TN (mg/L) | TP (mg/L) | TSS (mg/L) | pH   |
|------------|------------|------------|---------------|---------------|-----------|-----------|------------|------|
| 9/06/2022  | 24/06/2022 | 30/06/2022 | 2             | <5            | 14.4      | 1.14      | 11         | 7.3  |
| 21/06/2022 | 1/07/2022  | 6/7/2022   | <2            | <5            | 16.0      | 1.01      | 8          | 7.3  |
| 4/07/2022  | 15/07/2022 | 23/7/2022  | 4             | <5            | 16.0      | 1.33      | 28         | 7.2  |
| 15/07/2022 | 27/07/2022 | 4/7/2022   | <2            | <5            | 8.4       | 1.06      | 8          | 7.3  |
| 27/07/2022 | 09/08/2022 | 15/08/2022 | <2            | <5            | 9.7       | 0.57      | 7          | 7.3  |
| 8/08/2022  | 22/08/2022 | 27/08/2022 | 2             | <5            | 12.6      | 0.47      | 7          | 7.4  |
| 20/08/2022 | 01/09/2022 | 07/09/2022 | <2            | <5            | 17.2      | 0.69      | 7          | 7.3  |
| 1/09/2022  | 12/09/2022 | 17/09/2022 | <2            | <10           | 12.4      | 0.70      | 10         | 7.2  |
| 13/09/2022 | 23/09/2022 | 1/10/2022  | 2             | <5            | 14.20     | 1.15      | 17         | 7.5  |
| 25/09/2022 | 6/10/2022  | 11/10/2022 | <2            | <5            | 14.30     | 1.30      | 8          | 7.1  |
| 7/10/2022  | 24/10/2022 | 26/10/2022 | 2             | <5            | 10.30     | 1.34      | 15         | 7.3  |
| 19/10/2022 | 31/10/2022 | 5/11/2022  | <2            | <5            | 10.40     | 1.45      | 8          | 7.5  |
| 31/10/2022 | 9/11/2022  | 14/11/2022 | <2            | <5            | 10.60     | 0.75      | 5          | 7.4  |
| 12/11/2022 | 25/11/2022 | 30/11/2022 | <2            | <5            | 10.30     | 1.55      | 5          | 7.5  |
| 24/11/2022 | 1/12/2022  | 6/12/2022  | <2            | <5            | 12.30     | 1.06      | 9          | 7.4  |
| 6/12/2022  | 20/12/2022 | 25/12/2022 | <2            | <5            | 11.20     | 1.12      | 10         | 7.4  |
| 18/12/2022 | 30/12/2022 | 16/01/2022 | <2            | <5            | 6.52      | 1.09      | 0.61       | 6.52 |
| 30/12/2022 | 09/01/2023 | 16/01/2023 | <2            | <5            | 11.30     | 1.26      | 3.64       | 11.3 |
| 11/01/2023 | 20/01/2023 | 31/01/2023 | 2             | <5            | 7.84      | 0.75      | 8          | 7.5  |
| 23/01/2023 | 07/02/2023 | 13/02/2023 | <2            | <5            | 10.80     | 0.96      | 10         | 7.4  |
| 4/02/2023  | 16/02/2023 | 28/02/2023 | <2            | <5            | 8.08      | 0.84      | 6          | 7.5  |
| 16/02/2023 | 2/03/2023  | 5/03/2023  | <2            | <5            | 8.66      | 1.54      | 7          | 7.5  |
| 28/02/2023 | 13/03/2023 | 18/03/2023 | <2            | <5            | 13.7      | 1.35      | 10         | 7.4  |
| 12/03/2023 | 25/03/2023 | 8/04/2023  | 10            | <5            | 15.9      | 1.71      | 12         | 7.4  |
| 24/03/2023 | 3/04/2023  | 8/04/2023  | 2             | <5            | 20.3      | 1.42      | 12         | 7.4  |
| 5/04/2023  | 17/04/2023 | 23/04/2023 | <2            | <5            | 14.2      | 1.83      | 8          | 7.1  |
| 17/04/2023 | 10/05/2023 | 15/05/2023 | 2             | <5            | 18.3      | 3.35      | 24         | 7.2  |
| 1/05/2023  | 9/05/2023  | 15/05/2023 | <2            | <5            | 20.30     | 2.98      | 22         | 7.3  |
| 11/05/2023 | 30/05/2023 | 4/06/2023  | <2            | <5            | 23.30     | 2.18      | 17         | 7.0  |
| 23/05/2023 | 02/06/2023 | 07/06/2023 | <2            | <5            | 21.9      | 2.34      | 17         | 7.1  |
|            |            |            |               |               |           |           |            |      |
|            |            |            |               |               |           |           |            |      |
|            |            |            |               |               |           |           |            |      |
|            |            |            |               |               |           |           |            |      |

< : Where this symbol is shown, the result is below the limit at which the parameter can be accurately detected and reported.

n/a means not available.

Where results are below the laboratory detection limits (e.g. <2) half the value of the detection limit will be used for calculation purposes when all required data has been obtained. Where 50% or more of the sample results for a particular pollutant are below the detection limit, zero will be used for calculation purposes. This methodology is consistent with that outlined in the EPA's Load Calculation Protocol (June 2009) and will be applied when all required data for the licence period has been obtained.

# POLLUTION MONITORING DATA

**Licensee:** Central Coast Council, PO Box 21 Gosford NSW 2250  
**EPL No. 1802**– Kincumber Sewage Treatment Plant  
**Location of Pollution Monitoring Point:** Ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants  
**Licence Period:** 1 June 2022 – 31 May 2023  
**Publishing Date:** 18 June 2025

## COMPLIANCE STATUS

Licence Monitoring Frequency for below pollutant is twice per year. The licence does not prescribe concentration limits for these pollutants.

| Unit                          | Aldrin | alpha-BHC | beta-BHC | Cadmium | Chlordane (cis & trans) | Chromium | Copper | Dieldrin | Endosulfan | Endrin | Gamma-BHC (Lindane) | Heptachlor | Heptachlor epoxide | Hexachlorobenzene | Lead | Mercury | Methoxychlor | p,p-DDD | p,p-DDE | p,p-DDT | PCBs | Selenium | Zinc |
|-------------------------------|--------|-----------|----------|---------|-------------------------|----------|--------|----------|------------|--------|---------------------|------------|--------------------|-------------------|------|---------|--------------|---------|---------|---------|------|----------|------|
|                               | µg/L   | µg/L      | µg/L     | µg/L    | µg/L                    | µg/L     | µg/L   | µg/L     | µg/L       | µg/L   | µg/L                | µg/L       | µg/L               | µg/L              | µg/L | µg/L    | µg/L         | µg/L    | µg/L    | µg/L    | µg/L | µg/L     | µg/L |
| No. Samples Collected         |        |           |          |         |                         |          |        |          |            |        |                     |            |                    |                   |      |         |              |         |         |         |      |          |      |
| Minimum value                 |        |           |          |         |                         |          |        |          |            |        |                     |            |                    |                   |      |         |              |         |         |         |      |          |      |
| Mean value                    |        |           |          |         |                         |          |        |          |            |        |                     |            |                    |                   |      |         |              |         |         |         |      |          |      |
| Median value                  |        |           |          |         |                         |          |        |          |            |        |                     |            |                    |                   |      |         |              |         |         |         |      |          |      |
| Maximum value                 |        |           |          |         |                         |          |        |          |            |        |                     |            |                    |                   |      |         |              |         |         |         |      |          |      |
| Limit of laboratory detection | 0.01   | 0.01      | 0.01     | 0.1     | 0.01                    | 0.2      | 0.5    | 0.01     | 0.01       | 0.01   | 0.01                | 0.01       | 0.01               | 0.01              | 0.1  | 0.3     | 0.01         | 0.01    | 0.01    | 0.01    | 0.1  | 0.2      | 1    |

| POLLUTION MONITORING DATA RESULTS |            |            |       |       |       |      |       |     |     |       |       |       |       |       |       |       |     |      |       |       |       |       |      |      |    |
|-----------------------------------|------------|------------|-------|-------|-------|------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|------|-------|-------|-------|-------|------|------|----|
| Collected                         | Obtained   | Published  |       |       |       |      |       |     |     |       |       |       |       |       |       |       |     |      |       |       |       |       |      |      |    |
| 09/06/2022                        | 24/06/2022 | 30/06/2022 | <0.01 | <0.01 | <0.01 | <0.1 | <0.01 | 0.7 | 4.1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.1 | <0.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.2 | 17 |
| 13/09/2022                        | 23/09/2022 | 1/10/2022  | <0.01 | <0.01 | <0.01 | <0.1 | <0.01 | 0.7 | 4.2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.1 | <0.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.2 | 34 |
| 23/01/2023                        | 10/02/2023 | 17/02/2023 | <0.01 | <0.01 | <0.01 | <0.1 | <0.01 | 0.6 | 5.1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.3 | <0.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.2 | 18 |
| 17/04/2023                        | 10/05/2023 | 15/05/2023 | <0.01 | <0.01 | <0.01 | <0.1 | <0.01 | 0.9 | 9.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.2 | <0.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.2 | 28 |
|                                   |            |            |       |       |       |      |       |     |     |       |       |       |       |       |       |       |     |      |       |       |       |       |      |      |    |

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n/a means not available.  
Where results are below the laboratory detection limits (e.g. <2) half the value of the detection limit will be used for calculation purposes when all required data has been obtained. Where 50% or more of the sample results for a particular pollutant are below the detection limit, zero will be used for calculation purposes. This methodology is consistent with that outlined in the EPA's Load Calculation Protocol (June 2009) and will be applied when all required data for the licence period has been obtained.

## FLOW MONITORING DATA

**Licensee:** Central Coast Council, PO Box 21 Gosford NSW 2250

**EPL No. 1802**– Kincumber Sewage Treatment Plant

**Location of Monitoring Point:** Discharge to ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants

**Licence Period:** 1 June 2022 - 31 May 2023

**Publishing Date:** 18 June 2025

## COMPLIANCE STATUS

Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 150,000 kilolitres/day

| Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| 1/06/2022  | 53,787    | 1/07/2022  | 46,785    | 1/08/2022  | 51,326    | 1/09/2022  | 49,324    | 1/10/2022  | 58,491    | 1/11/2022  | 48,544    | 1/12/2022  | 43,233    | 1/01/2023  | 45,181    |
| 2/06/2022  | 52,916    | 2/07/2022  | 64,623    | 2/08/2022  | 51,753    | 2/09/2022  | 46,888    | 2/10/2022  | 51,447    | 2/11/2022  | 47,203    | 2/12/2022  | 42,633    | 2/01/2023  | 43,228    |
| 3/06/2022  | 53,083    | 3/07/2022  | 157,830   | 3/08/2022  | 51,226    | 3/09/2022  | 69,368    | 3/10/2022  | 51,682    | 3/11/2022  | 46,455    | 3/12/2022  | 43,667    | 3/01/2023  | 44,509    |
| 4/06/2022  | 53,493    | 4/07/2022  | 161,170   | 4/08/2022  | 51,803    | 4/09/2022  | 59,404    | 4/10/2022  | 49,623    | 4/11/2022  | 45,044    | 4/12/2022  | 43,266    | 4/01/2023  | 44,680    |
| 5/06/2022  | 52,339    | 5/07/2022  | 166,952   | 5/08/2022  | 53,193    | 5/09/2022  | 53,159    | 5/10/2022  | 51,861    | 5/11/2022  | 46,221    | 5/12/2022  | 43,787    | 5/01/2023  | 45,151    |
| 6/06/2022  | 51,442    | 6/07/2022  | 141,139   | 6/08/2022  | 52,032    | 6/09/2022  | 49,652    | 6/10/2022  | 72,587    | 6/11/2022  | 46,214    | 6/12/2022  | 43,285    | 6/01/2023  | 44,767    |
| 7/06/2022  | 50,428    | 7/07/2022  | 139,236   | 7/08/2022  | 50,594    | 7/09/2022  | 49,264    | 7/10/2022  | 65,205    | 7/11/2022  | 45,305    | 7/12/2022  | 43,697    | 7/01/2023  | 48,894    |
| 8/06/2022  | 49,950    | 8/07/2022  | 79,403    | 8/08/2022  | 49,894    | 8/09/2022  | 48,109    | 8/10/2022  | 90,553    | 8/11/2022  | 44,479    | 8/12/2022  | 45,421    | 8/01/2023  | 50,096    |
| 9/06/2022  | 49,974    | 9/07/2022  | 68,631    | 9/08/2022  | 47,977    | 9/09/2022  | 47,910    | 9/10/2022  | 113,042   | 9/11/2022  | 44,177    | 9/12/2022  | 43,544    | 9/01/2023  | 47,239    |
| 10/06/2022 | 49,838    | 10/07/2022 | 100,636   | 10/08/2022 | 47,970    | 10/09/2022 | 49,185    | 10/10/2022 | 63,684    | 10/11/2022 | 44,930    | 10/12/2022 | 43,505    | 10/01/2023 | 45,302    |
| 11/06/2022 | 50,638    | 11/07/2022 | 75,999    | 11/08/2022 | 48,132    | 11/09/2022 | 48,084    | 11/10/2022 | 57,338    | 11/11/2022 | 45,250    | 11/12/2022 | 44,462    | 11/01/2023 | 45,421    |
| 12/06/2022 | 49,885    | 12/07/2022 | 66,898    | 12/08/2022 | 47,884    | 12/09/2022 | 47,726    | 12/10/2022 | 54,835    | 12/11/2022 | 46,160    | 12/12/2022 | 45,461    | 12/01/2023 | 42,618    |
| 13/06/2022 | 50,880    | 13/07/2022 | 63,396    | 13/08/2022 | 51,043    | 13/09/2022 | 46,440    | 13/10/2022 | 53,635    | 13/11/2022 | 45,540    | 13/12/2022 | 43,748    | 13/01/2023 | 43,599    |
| 14/06/2022 | 48,912    | 14/07/2022 | 65,875    | 14/08/2022 | 49,462    | 14/09/2022 | 45,794    | 14/10/2022 | 52,393    | 14/11/2022 | 48,885    | 14/12/2022 | 39,525    | 14/01/2023 | 43,141    |
| 15/06/2022 | 48,702    | 15/07/2022 | 61,826    | 15/08/2022 | 48,327    | 15/09/2022 | 48,819    | 15/10/2022 | 52,172    | 15/11/2022 | 44,460    | 15/12/2022 | 42,758    | 15/01/2023 | 43,019    |
| 16/06/2022 | 48,611    | 16/07/2022 | 58,844    | 16/08/2022 | 47,356    | 16/09/2022 | 53,269    | 16/10/2022 | 50,625    | 16/11/2022 | 45,138    | 16/12/2022 | 43,679    | 16/01/2023 | 43,710    |
| 17/06/2022 | 50,025    | 17/07/2022 | 58,743    | 17/08/2022 | 46,590    | 17/09/2022 | 48,579    | 17/10/2022 | 51,687    | 17/11/2022 | 44,654    | 17/12/2022 | 42,981    | 17/01/2023 | 42,792    |
| 18/06/2022 | 48,818    | 18/07/2022 | 56,154    | 18/08/2022 | 45,579    | 18/09/2022 | 47,559    | 18/10/2022 | 49,359    | 18/11/2022 | 44,502    | 18/12/2022 | 45,900    | 18/01/2023 | 42,228    |
| 19/06/2022 | 51,666    | 19/07/2022 | 65,839    | 19/08/2022 | 44,967    | 19/09/2022 | 45,765    | 19/10/2022 | 49,946    | 19/11/2022 | 45,595    | 19/12/2022 | 46,740    | 19/01/2023 | 43,225    |
| 20/06/2022 | 50,861    | 20/07/2022 | 63,131    | 20/08/2022 | 46,834    | 20/09/2022 | 46,383    | 20/10/2022 | 51,456    | 20/11/2022 | 44,612    | 20/12/2022 | 45,461    | 20/01/2023 | 43,895    |
| 21/06/2022 | 48,506    | 21/07/2022 | 71,674    | 21/08/2022 | 46,050    | 21/09/2022 | 45,055    | 21/10/2022 | 51,429    | 21/11/2022 | 43,166    | 21/12/2022 | 45,320    | 21/01/2023 | 52,295    |
| 22/06/2022 | 47,855    | 22/07/2022 | 78,856    | 22/08/2022 | 46,035    | 22/09/2022 | 58,898    | 22/10/2022 | 50,155    | 22/11/2022 | 42,891    | 22/12/2022 | 45,210    | 22/01/2023 | 46,300    |
| 23/06/2022 | 47,069    | 23/07/2022 | 68,666    | 23/08/2022 | 47,531    | 23/09/2022 | 51,406    | 23/10/2022 | 53,781    | 23/11/2022 | 43,614    | 23/12/2022 | 44,749    | 23/01/2023 | 43,853    |
| 24/06/2022 | 47,054    | 24/07/2022 | 63,018    | 24/08/2022 | 48,344    | 24/09/2022 | 53,623    | 24/10/2022 | 60,002    | 24/11/2022 | 44,277    | 24/12/2022 | 46,877    | 24/01/2023 | 44,483    |
| 25/06/2022 | 47,423    | 25/07/2022 | 59,634    | 25/08/2022 | 46,750    | 25/09/2022 | 53,124    | 25/10/2022 | 56,160    | 25/11/2022 | 44,026    | 25/12/2022 | 47,142    | 25/01/2023 | 44,315    |
| 26/06/2022 | 47,207    | 26/07/2022 | 56,820    | 26/08/2022 | 46,251    | 26/09/2022 | 48,667    | 26/10/2022 | 53,802    | 26/11/2022 | 45,330    | 26/12/2022 | 43,994    | 26/01/2023 | 43,592    |
| 27/06/2022 | 46,820    | 27/07/2022 | 56,425    | 27/08/2022 | 47,699    | 27/09/2022 | 47,557    | 27/10/2022 | 51,526    | 27/11/2022 | 44,126    | 27/12/2022 | 45,162    | 27/01/2023 | 44,675    |
| 28/06/2022 | 46,945    | 28/07/2022 | 54,684    | 28/08/2022 | 47,578    | 28/09/2022 | 48,663    | 28/10/2022 | 50,292    | 28/11/2022 | 44,298    | 28/12/2022 | 46,621    | 28/01/2023 | 43,629    |
| 29/06/2022 | 47,900    | 29/07/2022 | 54,277    | 29/08/2022 | 46,288    | 29/09/2022 | 47,166    | 29/10/2022 | 49,490    | 29/11/2022 | 44,202    | 29/12/2022 | 46,456    | 29/01/2023 | 44,553    |
| 30/06/2022 | 46,555    | 30/07/2022 | 53,754    | 30/08/2022 | 45,777    | 30/09/2022 | 66,776    | 30/10/2022 | 48,617    | 30/11/2022 | 43,184    | 30/12/2022 | 44,419    | 30/01/2023 | 44,069    |
|            |           | 31/07/2022 | 49,197    | 31/08/2022 | 50,526    |            |           | 31/10/2022 | 47,301    |            |           | 31/12/2022 | 45,449    | 31/01/2023 | 46,282    |

| FLOW MONITORING DATA                                                                                                                                 |           |            |           |            |           |            |           |                                                        |           |      |           |      |           |      |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------|------------|-----------|------------|-----------|--------------------------------------------------------|-----------|------|-----------|------|-----------|------|-----------|
| <b>Licensee:</b> Central Coast Council, Po Box 21 Gosford NSW 2250                                                                                   |           |            |           |            |           |            |           | <b>EPL No. 1802</b> – Kincumber Sewage Treatment Plant |           |      |           |      |           |      |           |
| <b>Location of Monitoring Point:</b> Discharge to ocean outfall tunnel, combined treated effluent from Kincumber and Woy Woy sewage treatment plants |           |            |           |            |           |            |           | <b>Licence Period:</b> 1 June 2022 - 31 May 2023       |           |      |           |      |           |      |           |
| <b>Publishing Date:</b> 18 June 2025                                                                                                                 |           |            |           |            |           |            |           |                                                        |           |      |           |      |           |      |           |
| COMPLIANCE STATUS                                                                                                                                    |           |            |           |            |           |            |           |                                                        |           |      |           |      |           |      |           |
| Licence Monitoring Frequency for flow is daily. The licence prescribes a limit of 150,000 kilolitres/day                                             |           |            |           |            |           |            |           |                                                        |           |      |           |      |           |      |           |
| Date                                                                                                                                                 | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date       | Flow (kL) | Date                                                   | Flow (kL) | Date | Flow (kL) | Date | Flow (kL) | Date | Flow (kL) |
| 1/02/2023                                                                                                                                            | 44,669    | 1/03/2023  | 45,503    | 1/04/2023  | 46,949    | 1/05/2023  | 45,985    |                                                        |           |      |           |      |           |      |           |
| 2/02/2023                                                                                                                                            | 44,319    | 2/03/2023  | 45,081    | 2/04/2023  | 96,278    | 2/05/2023  | 44,477    |                                                        |           |      |           |      |           |      |           |
| 3/02/2023                                                                                                                                            | 43,442    | 3/03/2023  | 44,109    | 3/04/2023  | 72,798    | 3/05/2023  | 44,365    |                                                        |           |      |           |      |           |      |           |
| 4/02/2023                                                                                                                                            | 43,952    | 4/03/2023  | 43,823    | 4/04/2023  | 49,579    | 4/05/2023  | 44,148    |                                                        |           |      |           |      |           |      |           |
| 5/02/2023                                                                                                                                            | 43,403    | 5/03/2023  | 43,539    | 5/04/2023  | 46,271    | 5/05/2023  | 45,127    |                                                        |           |      |           |      |           |      |           |
| 6/02/2023                                                                                                                                            | 42,814    | 6/03/2023  | 43,425    | 6/04/2023  | 42,959    | 6/05/2023  | 45,411    |                                                        |           |      |           |      |           |      |           |
| 7/02/2023                                                                                                                                            | 42,746    | 7/03/2023  | 42,762    | 7/04/2023  | 43,336    | 7/05/2023  | 12,287    |                                                        |           |      |           |      |           |      |           |
| 8/02/2023                                                                                                                                            | 42,079    | 8/03/2023  | 41,749    | 8/04/2023  | 43,854    | 8/05/2023  | 47,419    |                                                        |           |      |           |      |           |      |           |
| 9/02/2023                                                                                                                                            | 59,234    | 9/03/2023  | 42,410    | 9/04/2023  | 42,123    | 9/05/2023  | 51,199    |                                                        |           |      |           |      |           |      |           |
| 10/02/2023                                                                                                                                           | 52,702    | 10/03/2023 | 42,851    | 10/04/2023 | 43,141    | 10/05/2023 | 46,442    |                                                        |           |      |           |      |           |      |           |
| 11/02/2023                                                                                                                                           | 47,056    | 11/03/2023 | 43,851    | 11/04/2023 | 41,866    | 11/05/2023 | 44,404    |                                                        |           |      |           |      |           |      |           |
| 12/02/2023                                                                                                                                           | 44,796    | 12/03/2023 | 42,495    | 12/04/2023 | 41,251    | 12/05/2023 | 44,203    |                                                        |           |      |           |      |           |      |           |
| 13/02/2023                                                                                                                                           | 44,434    | 13/03/2023 | 41,454    | 13/04/2023 | 45,296    | 13/05/2023 | 42,869    |                                                        |           |      |           |      |           |      |           |
| 14/02/2023                                                                                                                                           | 43,576    | 14/03/2023 | 43,710    | 14/04/2023 | 51,321    | 14/05/2023 | 43,114    |                                                        |           |      |           |      |           |      |           |
| 15/02/2023                                                                                                                                           | 44,050    | 15/03/2023 | 43,338    | 15/04/2023 | 48,592    | 15/05/2023 | 43,663    |                                                        |           |      |           |      |           |      |           |
| 16/02/2023                                                                                                                                           | 44,009    | 16/03/2023 | 43,128    | 16/04/2023 | 46,856    | 16/05/2023 | 44,304    |                                                        |           |      |           |      |           |      |           |
| 17/02/2023                                                                                                                                           | 44,720    | 17/03/2023 | 42,914    | 17/04/2023 | 46,391    | 17/05/2023 | 50,173    |                                                        |           |      |           |      |           |      |           |
| 18/02/2023                                                                                                                                           | 44,192    | 18/03/2023 | 43,119    | 18/04/2023 | 46,060    | 18/05/2023 | 47,551    |                                                        |           |      |           |      |           |      |           |
| 19/02/2023                                                                                                                                           | 43,485    | 19/03/2023 | 42,690    | 19/04/2023 | 45,531    | 19/05/2023 | 46,539    |                                                        |           |      |           |      |           |      |           |
| 20/02/2023                                                                                                                                           | 45,987    | 20/03/2023 | 41,476    | 20/04/2023 | 47,277    | 20/05/2023 | 44,968    |                                                        |           |      |           |      |           |      |           |
| 21/02/2023                                                                                                                                           | 48,562    | 21/03/2023 | 42,264    | 21/04/2023 | 46,632    | 21/05/2023 | 44,292    |                                                        |           |      |           |      |           |      |           |
| 22/02/2023                                                                                                                                           | 76,355    | 22/03/2023 | 42,514    | 22/04/2023 | 44,862    | 22/05/2023 | 44,601    |                                                        |           |      |           |      |           |      |           |
| 23/02/2023                                                                                                                                           | 53,188    | 23/03/2023 | 54,166    | 23/04/2023 | 44,999    | 23/05/2023 | 44,165    |                                                        |           |      |           |      |           |      |           |
| 24/02/2023                                                                                                                                           | 47,263    | 24/03/2023 | 46,523    | 24/04/2023 | 45,821    | 24/05/2023 | 43,788    |                                                        |           |      |           |      |           |      |           |
| 25/02/2023                                                                                                                                           | 46,398    | 25/03/2023 | 44,235    | 25/04/2023 | 45,249    | 25/05/2023 | 43,545    |                                                        |           |      |           |      |           |      |           |
| 26/02/2023                                                                                                                                           | 45,545    | 26/03/2023 | 44,546    | 26/04/2023 | 43,342    | 26/05/2023 | 44,534    |                                                        |           |      |           |      |           |      |           |
| 27/02/2023                                                                                                                                           | 44,046    | 27/03/2023 | 47,035    | 27/04/2023 | 44,398    | 27/05/2023 | 43,981    |                                                        |           |      |           |      |           |      |           |
| 28/02/2023                                                                                                                                           | 45,137    | 28/03/2023 | 48,737    | 28/04/2023 | 44,638    | 28/05/2023 | 44,286    |                                                        |           |      |           |      |           |      |           |
|                                                                                                                                                      |           | 29/03/2023 | 47,548    | 29/04/2023 | 43,109    | 29/05/2023 | 44,104    |                                                        |           |      |           |      |           |      |           |
|                                                                                                                                                      |           | 30/03/2023 | 45,795    | 30/04/2023 | 47,087    | 30/05/2023 | 42,988    |                                                        |           |      |           |      |           |      |           |
|                                                                                                                                                      |           | 31/03/2023 | 44,608    |            |           | 31/05/2023 | 42,587    |                                                        |           |      |           |      |           |      |           |

| Summary of non-compliant data |                               |                                        |                                                 |                                                                                 |
|-------------------------------|-------------------------------|----------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|
| Date                          | Parameter                     | Result                                 | Cause                                           | Action taken                                                                    |
| 3-5 July 2022                 | Flow<br>(greater than 150 kL) | 157,830 kL<br>161,170 kL<br>166,952 kL | Stormwater infiltration in reticulation network | Review catchment flows to identify potential infiltration sources and locations |
|                               |                               |                                        |                                                 |                                                                                 |
|                               |                               |                                        |                                                 |                                                                                 |
|                               |                               |                                        |                                                 |                                                                                 |
|                               |                               |                                        |                                                 |                                                                                 |
|                               |                               |                                        |                                                 |                                                                                 |