

Wallerawang STP – Licence No 598

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2018
 Annual Return End: 30 Jun 2019
 Date Received: 15 Aug 2019

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|--|--|-----------------------|
| L3 limits | Exceedances for Nitrogen (total) and (ammonia). | Licence currently being reviewed and issue will be included in review | 3 |
| L3 limits | Exceedance of concentration limits during emergency discharge. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2017
 Annual Return End: 30 Jun 2018
 Date Received: 29 Aug 2018

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|---|--|-----------------------|
| R2.1 | Sewer overflow in July 2017. | Licence currently being reviewed and issue will be included in review | 1 |
| L3.1 | Faecal coliforms exceeded the 100 percentile limit in November 2017. | Licence currently being reviewed and issue will be included in review | 1 |
| L3.1 | Phosphorus exceeded the 100 percentile limit in February 2018. | Licence currently being reviewed and issue will be included in review | 1 |
| L3.1 | Ammonia exceeded the 100 percentile limit in May 2018. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| L3.1 | Nitrogen and ammonia exceeded the 100 percentile limit in June 2018. Discharge was diverted to the emergency storage lagoons until July 2018. | Appropriate Action taken by licensee | 1 |
| L3.1 | Nitrogen exceeded the 100 percentile limit in January 2018. | Licence currently being reviewed and issue will be included in review | 1 |
| R5.2 | Incomplete annual system performance report. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2016
 Annual Return End: 30 Jun 2017
 Date Received: 30 Aug 2017

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|--|--------------------------------------|-----------------------|
| L3.1 | Ammonia, Faecal coliforms and pH exceeded the 100 percentile limit | Appropriate Action taken by licensee | 1 |

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2015
 Annual Return End: 30 Jun 2016
 Date Received: 22 Aug 2016

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|---|--|-----------------------|
| L3.1 | Limit exceeded for Total Ammonia, Faecal Coliforms (FC) & Total Nitrogen (TN) | EPA to monitor future compliance with this condition | 1 |

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2014
 Annual Return End: 30 Jun 2015
 Date Received: 28 Aug 2015

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|--|--|-----------------------|
| L3.1/L3.4 | Exceedance limit for N (Ammonia) (x3, moderate-major), N (Total) (x3, minor-moderate) and Phosphorus (x1, minor), multiple causes, but primarily due to incorrect operation of sludge lagoons. EPA has issued 3 Penalty Notices. | Penalty Notice issued | 1 |
| O1.1 & O2.1 | Non-compliance with operating conditions O1.1 and O2.1 in relation to incorrect operation of sludge lagoons and return of supernatant leading to limit exceedances. EPA has issued 3 Penalty Notices. | Penalty Notice issued | 1 |
| M2.1/M2.2 | Non-compliance with monitoring requirement at EPA Identification Points 1, 3 and 4 for Al. Recurrent issue. EPA has issued a Formal Warning. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 598
 Annual Return Start: 01 Jul 2013
 Annual Return End: 30 Jun 2014
 Date Received: 12 Sep 2014

| Licence Condition number | Type of non-compliance | EPA actions | No. of times occurred |
|--------------------------|--|--|-----------------------|
| L3.1/L3.4 | Exceed limit for pH (x1, relatively minor), FC (x1, minor-moderate), N(T) (x4, moderate), N(A) (x2, moderate-major) at EPA ID Point 1 due to multiple causes. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M2.1 | Non-compliance with monitoring requirements for Al(T) at EPA ID Points 1, 3 and 4 on 1 occasion during reporting period due to sampling error. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 598
Annual Return Start: 01 Jul 2012
Annual Return End: 30 Jun 2013
Date Received: 29 Aug 2013

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--|------------------------------|
| L3.1 | Exceed concentration limits for TSS (x1, min), TN (x2, mod) and Ammonia (x2, mod-maj) due to multiple causes including ongoing commissioning issues and suspected illegal discharges to sewer which were investigated. EPA to monitor future compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 598
Annual Return Start: 01 Jul 2011
Annual Return End: 30 Jun 2012
Date Received: 28 Aug 2012

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--|------------------------------|
| L3.1/L3.4 | Exceed L3.1 concentration limits on multiple occasions during reporting period due to multiple causes. STP augmentation/upgrade completed at end of reporting period. This will have + impact on receiving waters. EPA to monitor future compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M2.2 | Non-compliance against condition M2.2 (minor) by failing to analyse for Faecal Coliforms at EPA Points 3 and 4 during annual monitoring. Repeat non-compliance (2010-2011 AR). EPA has issued Formal Warning to licensee regarding non-compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Lithgow STP – Licence Number 236

There were no no-compliances for reporting years 2018-19 and 2109-20

Summary

Licence number: 236
Annual Return Start: 01 Jul 2017
Annual Return End: 30 Jun 2018
Date Received: 29 Aug 2018

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| R4.1 | Sewer overflow/surcharge in July 2017, January 2018 and March 2018. | Licence currently being reviewed and issue will be included in review | 3 |
| L3.1 | Faecal coliforms exceeded the 100 percentile limit in September 2017. | Licence currently being reviewed and issue will be included in review | 1 |
| R5.2 | Incomplete annual system performance report. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2016
Annual Return End: 30 Jun 2017
Date Received: 30 Aug 2017

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--------------------------------------|------------------------------|
| L3.1 | pH, ammonia, TSS, phosphorus and faecal coliforms exceeding 100 percentile limit | Appropriate Action taken by licensee | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2015
Annual Return End: 30 Jun 2016
Date Received: 22 Aug 2016

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--------------------------------------|------------------------------|
| L3.1 | Limit exceeded for Ammonia and Total Nitrogen from LDP1 | Appropriate Action taken by licensee | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2014
Annual Return End: 30 Jun 2015
Date Received: 28 Aug 2015

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| L3.1/L3.4 | Exceed limit for N (Ammonia) (x1, moderate), N (Total) (x1, minor), P (Total) (x2, minor-moderate) and TSS (x2, minor), multiple causes. EPA has issued a Formal Warning. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| O4.3 | Non-compliance with dry weather overflow condition from sewage pumping stations (x2) due to equipment issues and equipment failure. Correct action taken by the licensee. | Appropriate Action taken by licensee | 1 |
| M2.1/M2.2 | Non-compliance with monitoring requirement at EPA Identification Points 1, 3 and 4 for AI and Faecal Coliforms. Recurrent issue. EPA has issued a Formal Warning. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2013
Annual Return End: 30 Jun 2014
Date Received: 12 Sep 2014

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--|------------------------------|
| L3.1/L3.4 | Exceed limit for P(T) (x 1, relatively minor) on one occasion at EPA ID Point 1 due to pump settings. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M2.1/M2.2 | Non-compliance with monitoring requirements for AI(T) and FC at EPA ID Points 1, 3 and 4 on 1 occasion during reporting period due to sampling error. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2012
Annual Return End: 30 Jun 2013
Date Received: 29 Aug 2013

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| L3.1/L3.4 | Exceed concentration limits for ph (x1, min-mod), TSS (x4, min), TP (x3, min-mod), TN (x2, min) and Ammonia (x3, mod) due to multiple causes including ongoing commissioning issues. EPA has commenced investigation. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 236
Annual Return Start: 01 Jul 2011
Annual Return End: 30 Jun 2012
Date Received: 28 Aug 2012

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--|------------------------------|
| L3.1/L3.4 | Exceed L3.1 concentration limits on multiple occasions during reporting period due to multiple causes. STP augmentation/upgrade completed during reporting period. This will have positive impact on receiving waters. EPA to monitor future compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M2.2 | Non-compliance against condition M2.2 (minor) by failing to analyse for Faecal Coliforms at EPA Points 3 and 4 during annual monitoring. EPA has written Advisory Letter to licensee regarding non-compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Portland STP – Licence Number 597

Summary

Licence number: 597
Annual Return Start: 01 Jul 2019
Annual Return End: 30 Jun 2020
Date Received: 25 Aug 2020

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|-------------------------------|--------------------------------------|------------------------------|
| M2.2 | Failure to monitor Aluminium | Appropriate Action taken by licensee | 2 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2018
Annual Return End: 30 Jun 2019
Date Received: 08 Aug 2019

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| L3 limits | Exceedance of concentration limits during incident soon after commissioning of upgraded sewage treatment plant. | EPA has written to licensee regarding non-compliance and relevant action | 2 |
| O4.1 processes | Partial bypass of the UV disinfection unit during wet weather. | EPA to monitor future compliance with this condition | 1 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2017
Annual Return End: 30 Jun 2018
Date Received: 29 Aug 2018

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| M2 | Monthly monitoring not carried out including ambient upstream monitoring of limestone creek due to the upgrade of Portland sewage treatment plant. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M7 | Monthly monitoring not carried out due to the upgrade of Portland sewage treatment plant. | Licence currently being reviewed and issue will be included in review | 1 |
| L3.1 | Prior to the upgrade of the Portland sewage treatment plant in March 2018, faecal coliforms exceeded the 100 percentile concentration limit in September 2017, October 2017, November 2017, January 2018 and February 2018. | EPA has written to licensee regarding non-compliance and relevant action | 5 |
| R5.2 | Incomplete annual system performance report. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2016
Annual Return End: 30 Jun 2017
Date Received: 30 Aug 2017

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--------------------------------------|------------------------------|
| L3.1 | Faecal Coliforms exceeded the 100 percentile concentration limit of 600 cfu/100 mL. | Appropriate Action taken by licensee | 1 |
| L4.1 | The volume limit for Discharge & Monitoring Point 1 was exceeded during the reporting period during dry weather conditions (<10.0mm rainfall). | Appropriate Action taken by licensee | 1 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2015
Annual Return End: 30 Jun 2016
Date Received: 22 Aug 2016

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|--|--|------------------------------|
| L3.1 | Limit exceeded for Faecal coliforms on one occasion possibly due to sampling or laboratory error. Investigation undertaken. No abnormal results. | Appropriate Action taken by licensee | 1 |
| L3.2 | pH recorded outside concentration limit on one occasion due to malfunction of the chlorine dosing system, allowing additional chlorine to be dosed and causing pH level to drop. System serviced and calibrated. Regular maintenance schedule implemented. | Appropriate Action taken by licensee | 1 |
| L4.1 | Volume limit exceeded on several occasions due to significant rainfall. Plant capacity to be increased as part of plant upgrade. | EPA to monitor future compliance with this condition | 1 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2014
Annual Return End: 30 Jun 2015
Date Received: 28 Aug 2015

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--------------------------------------|------------------------------|
| L3.1/L3.4 | Exceed limit for Faecal Coliforms (x4, major), unknown causes. Licensee, NOW and EPA investigations did not identify suspected cause. Proactive potential corrective action now implemented. Portland STP is undergoing upgrade/augmentation. | Appropriate Action taken by licensee | 5 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2013
Annual Return End: 30 Jun 2014
Date Received: 12 Sep 2014

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| L3.1/L3.4 | Exceed limit for pH (x1, minor-moderate) and FC (x1, moderate-major) at EPA ID Point 1 due to multiple causes. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| L4.1 | Exceed volume limit at EPA ID Point 1 due to suspected infiltration and/or illegal connections. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |
| M2.1 | Non-compliance with monitoring requirements for FC at EPA ID Point 1 on 2 occasions during reporting period due to sampling error. Licensee has implemented corrective action. EPA has written to licensee. | EPA has written to licensee regarding non-compliance and relevant action | 1 |

Summary

Licence number: 597
Annual Return Start: 01 Jul 2012
Annual Return End: 30 Jun 2013
Date Received: 29 Aug 2013

| <u>Licence Condition number</u> | <u>Type of non-compliance</u> | <u>EPA actions</u> | <u>No. of times occurred</u> |
|---------------------------------|---|--|------------------------------|
| L3.1 | Exceed concentration limits for FC (x1, mod) due to high flows through plant due to wet weather and therefore reduced chlorine contact time as well as possible surface contamination due to run off. EPA to monitor future compliance. | EPA has written to licensee regarding non-compliance and relevant action | 1 |