

Notice

Environmental Protection Act 1994

Notice of decision – Amendment of temporary emissions licence

This statutory notice is issued by the administering authority pursuant to section 357E with reference to section 357J of the Environmental Protection Act 1994, to advise you of a decision or action.

To: Queensland Bulk Water Supply Authority
117 Brisbane Street
IPSWICH QLD 4305

Email: Tui.Williams@seqwater.com.au
Attention: Tui Williams

Your reference: AR104940
Our reference: ENEL07356317

Amendment by agreement to temporary emissions licence (TEL) to release supernatant from release point W1 other than in the event of power failure, equipment failure or during storm conditions, at waters described as unnamed tributary of the South Maroochy River.

Your temporary emissions license, which was granted on 27-SEP-2017, has been amended by agreement. This amended temporary emissions license supersedes the license granted on 27-SEP-2017.

This temporary emissions licence commences upon approval, and ends on:

- a. 20 February 2018, or
- b. when an application for an amendment of EPPR00511713 is granted which causes the need for the temporary emissions licence to be in effect to cease, or
- c. if due to changing circumstances, the operational requirement for release of supernatant from the water treatment plant sludge lagoons to waters described as unnamed tributary of the South Maroochy River at release point W1 ceases,

whichever is sooner.

The licence permits the following emission:

1. Release of supernatant from the water treatment plant sludge lagoons to waters at release point W1, where release point W1 is described as the return supernatant pump station overflow, to waters described as unnamed tributary of the South Maroochy River.
2. Releases may occur at any time as a part of normal operations of the water treatment plant.
3. Releases must not exceed a total release volume of 828kL/day.
4. Releases must be in accordance with *Table: Surface water release limits*:

Table: Surface water release limits

Quality Characteristics	Release Limits	Limit Type
pH	6.5-8.5	Range
Suspended solids (mg/L)	30	Maximum
Total Aluminium (mg/L)	1.0	Maximum
Dissolved Oxygen (mg/L)	2.0	Minimum

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The licence overrides the following conditions of your environmental authority, approval number EPPR00511713:

WT2-1 The only contaminants to be released to surface **waters** are supernatant from the water treatment plant sludge lagoons to **waters** at release point W1 in accordance with *Table 2-1 – Surface water release limits* and the associated requirements.

- Release point W1 – return supernatant pump station overflow, to waters described as unnamed tributary of the South Maroochy River

Table 2-1 – Surface water release limits

Quality Characteristics	Release Limits	Limit Type	Frequency
pH	6.5 – 8.5	Range	Daily during the occurrence of a release
Suspended solids (mg/L)	30	Maximum	
Total Aluminium (mg/L)	1.0	Maximum	
Dissolved Oxygen (mg/L)	2.0	Minimum	

WT2-3 The release of contaminants to waters at release point W1 must only occur as a result of power failure, equipment failure or during storm conditions which prevent the volumes of water from being recirculated to the plant or released at release point W2.

WT2-4 During any emergency offsite release of supernatant via release point W1, samples must be taken from the following sampling point:

- S1 – Interconnection well located 25 metres east of the supernatant pump station: Lot 1 on Plan SP236332

The following conditions apply to this licence:

TEL1 The holder of this temporary emissions licence must notify administering authority within 24 hours of when the temporary emissions licence ceases to have effect.

TEL2 The holder of this temporary emissions licence must undertake daily monitoring of the releases of supernatant from release point W1 in accordance with *Table: Surface water monitoring requirements* and the associated requirements.

Table: Surface water monitoring requirements

Quality Characteristics	Release Limits	Limit Type	Frequency
pH	6.5-8.5	Range	Daily during the occurrence of a release
Suspended solids (mg/L)	30	Maximum	
Total Aluminium (mg/L)	1.0	Maximum	
Dissolved Oxygen (mg/L)	2.0	Minimum	

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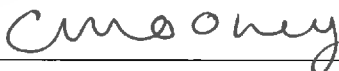
Associated requirements

1. Release point W1 is described as the return supernatant pump station overflow, to waters described as unnamed tributary of the South Maroochy River.
2. Samples must be taken from sampling point S1 – Interconnection well located 25 metres east of the supernatant pump station: Lot 1 on Plan SP236332.
3. All monitoring devices must be effectively calibrated and maintained.
4. Monitoring must be undertaken by an appropriately qualified person.
5. Water quality monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's Monitoring and Sampling Manual.
6. Samples must be representative of the release.

- TEL3** The holder of this temporary emissions licence must report any exceedance of release limits specified in *Table: Surface water monitoring requirements* to administering authority within 24 hours of becoming aware of the exceedance.
- TEL4** The holder of this temporary emissions licence must take all reasonable and practicable measures to reduce the volume of supernatant released from release point W1.
- TEL5** The holder of this temporary emissions licence must take all reasonable and practicable measures to reduce the impact of releases from release point W1 on the environmental values of the receiving environment.
- TEL6** Within one month following the cessation of this temporary emissions licence, the holder of this temporary emissions licence must undertake an assessment of the impact of the releases from release point W1 under this temporary emissions licence on the receiving environment, and provide this assessment to the administering authority. Should this assessment find that any adverse impacts have occurred as a result of the releases, the holder of this temporary emissions licence must undertake all reasonable and practicable measures to remedy the impacts.
- TEL7** Following the cessation of this temporary emissions licence, the holder of this temporary emissions licence must inform the administering authority of the outcome of the operating protocol trial referenced in the application for this temporary emissions licence, and provide an assessment of whether any changes to operating protocols implemented as a result of the trial are likely to prevent the requirement of a temporary emissions licence in the future should an event similar to the applicable event which caused the requirement of this temporary emissions license occur.
- TEL8** The holder of this temporary emissions licence must keep all records, including monitoring data and assessments, for a period of not less than 5 years, and provide these records to the administering authority (and its successors) upon request.

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Should you have any queries in relation to this notice, Rebecca Griffiths on telephone 07 3330 5586 would be happy to assist you.



Signature



Date

Chris Mooney
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

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