UrbanUtilities

Sewage Pump Stations

Amendment to EA0001209

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1. Introduction

1.1. Purpose of the report

The purpose of this report is to support the application for an amendment to Urban Utilities existing Environmental Authority EA0001209 which is our amalgamated sewage pump station license.

This amendment application is seeking an administrative amendment for the inclusion of a varied condition 10: Release to land and waters from the Code of Environmental Compliance on the amalgamated pump station license for all of the pump stations listed. This is to rectify the issue whereby old versions of the licenses which were split into regions had existing varied condition 10 however, these were not all transferred over to the amalgamated license.

In this amendment application an administrative amendment for the removal of two instances of varied condition 24: Responding to potential releases which appear in the current version of the license and refer to actions that were to have occurred in the past (by 1 January 2017 & by 20/11/2016).

The final change sought by Urban Utilities in this administrative amendment is to seek a varied condition 11 which changes the required three hour reporting time frame for notifiable releases to 24 hours in line with other Environmental Authorities related to pump station approved by the Department and the draft model conditions for sewage pump stations that was released to industry via the Qld Water Directorate for consultation.

Background information

Prior to the formation of Urban Utilities individual councils held sewage treatment plant and pump station licenses for the activities which occurred within their territory. When Urban Utilities formed in 2010 these activities fell under our operation and control and the various licenses were transferred by our shareholder councils to Urban Utilities. The pump station Environmental Authorities were updated post introduction of the Code of Environmental Compliance for Sewage Pump Stations ERA63(3) in late 2012 which in March 2013 was amended and became the current Code of Environmental Compliance – Sewage Treatment (sewage pump station) ERA63(2).

The Department and Water Service Industry through the Qld Water Directorate, have for a number of years been working towards the development of standard conditions for Sewage Pump Stations with the intention of that these will replace the Code of Environmental Compliance. As a result of this consultation and project the latest draft version of the standard conditions for Sewage Pump Stations were released for discussion in 2021. Although the completion of these standard set of condition has been put on hold due to the Department having to prioritise other work given current resources it is the understanding of the industry that the proposed draft conditions would be suitable suggestions of “standard” type conditions as variations to the conditions from the Code of Environmental Compliance. This appears to be supported by the fact that Variations to Condition 10 and 11 from the Code of Environmental Compliance in line with wording for the draft proposed condition have

been approved by the Department in past and current Environmental Authorities pertaining to Sewage Pumping Stations.

1.2. Environmentally Relevant Activity

This amendment application is requesting three amendments to the amalgamated Environmental Authority EA0001209 including two administrative amendments and one amendment to vary a condition from the Code of Environmental Compliance to a condition that is in line with the draft proposed standard condition for Sewage Pump Stations. As such this application request constitutes a minor amendment to the Environmental Authority. The Environmentally Relevant Activity (ERA) is defined in Schedule 2, Part 13, s63 of the *Environmental Protection Regulation 2019* as:

ERA 63(2) – Operating a sewage pumping station with a total design capacity of more than 40kL in an hour

1.3. Application Threshold

This SPS has been assessed as a **Minor amendment** in accordance with the Guideline of the *Environmental Protection Act 1994* “major and minor amendments" in line with the below:

a) is not a change to a standard condition identified in the EA as a standard condition, other than a condition conversion or replacing a standard condition with a standard condition for the ERA; and
b) does not significantly increase the level of environmental harm caused by the relevant activity; and
c) does not change any rehabilitation objectives in the EA in a way likely to result in significantly different impacts on environmental values than the impacts previously permitted under the EA; and
d) does not significantly increase the scale or intensity of the relevant activity; and
e) does not relate to a new relevant resource tenure for the EA that is— (i) a new mining lease; or (ii) a new petroleum lease; or (iii) a new geothermal lease under the *Geothermal Energy Act 2010*; or (iv) a new greenhouse gas injection and storage lease under the *Greenhouse Gas Storage Act 2009*; and
f) increases the existing surface area for the relevant activity by 10% or less; and
g) for an EA for a petroleum activity: (i) involves constructing a new pipeline that does not exceed 150km in length; and (ii) involves extending an existing pipeline by no more than 10% of the existing length of the pipeline; and 4 Section 223 of the EP Act. Guideline Major and minor amendments Page 4 of 17 • ESR/2015/1684 • Version 10.01 • Last reviewed: 04 MAY 2022 Department of Environment and Science
h) if the amendment relates to a new relevant resource tenure for the authority that is an exploration permit or greenhouse gas permit— the amendment application seeks an EA that is subject to the standard conditions for the relevant activity, to the extent it relates to the permit.

1.4. Proposed Amendments

The Code of Environmental Compliance for Sewage Pump Stations includes Condition 10 – Release to land and waters which states:

> *The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**."*

In Urban Utilities current Environmental Authority EA0001209 this condition applies to all SPS listed on the Environmental Authority except those listed in Table 1 which are numbered in the range of SP320 to SP399 (with the addition of SP477 which was the location added during the most recent amendment application of EA0001209. These pump stations are those that occur within the Somerset region of Urban Utilities territory which also had varied condition 24, transferred from the older version of this license.

This appears to be an administrative error that has occurred in the past when these licenses were amalgamated. In the older versions of Urban Utilities pump station licenses from our council regions, dated from 2013 through to 2016, there is a variation to condition 10 on each of these licenses (see Figures 1-5 below). However, this variation for the pump stations in the regions other than Somerset does not appear to have been carried over to the amalgamated license.

EPVX01818814 Dated 08/01/2014 (Somerset Regional Council)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)
- Variations to the standard conditions are:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and (c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.

Figure 1 Condition 10 from EPVX01818814 Pump Station License- Somerset

EAEPVX01651313 Dated 20/11/2013 (Scenic Rim Regional Council)

- **Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)**
- Variations to the standard conditions include:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) The release is as a result of a wet weather event; and (b) The hydraulic flow into the sewage pump station exceeds the peak design capacity of the operational sewage pump(s) at the time the sewage is released; and (c) All reasonable and practicable measures have been taken to prevent the release; and (d) The administering authority has been notified in accordance with condition 11.

Figure 2 Condition 10 from EPVX01651313 Pump Station License- Scenic Rim

EPVX02148714 Dated 30/05/2014 (Lockyer Valley Regional Council)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)
- Variations to the standard conditions, which apply only to the sites described in Column of the following table, are:

Condition number	Condition	Site to which variation condition applies.
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and (c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.	All sites to which environmental authority relates

Figure 3 Condition 10 from EPVX02148914 Pump Station License- Lockyer

EPVX02148914 Dated 01/03/2016 (Ipswich City Council)

- Variations to the standard conditions include:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a results of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and
	(c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.

Figure 4 Condition 10 from EPVX02148914 Pump Station License- Ipswich

EPVX02272714 Dated 04/08/2014 (Brisbane)

Condition 10 – Release to land and waters	The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity** unless all reasonable and practicable measures have been taken to prevent the release.

Figure 5 Condition 10 from EPVX02272714 Pump Station License- Brisbane

Urban Utilities would like to request the inclusion of the pre-existing variation to Condition 10 to EA0001209 applicable to all pump stations on the license. Urban Utilities proposes the use of wording which is in line with the proposed draft standard conditions for sewage pump stations such as below.

> *The operator must ensure that contaminants are not released to land or waters (including bed and banks of any waters) as a result of the activity unless all reasonable and practicable measures have been taken to prevent the release.*

In addition, Urban Utilities suggests the removal of the variation to condition 24, as per below, that exists in the current version of EA0001209.

> ***Responding to potential releases***

By 1 January 2017, the operator must ensure that there are appropriate physical systems in place to anticipate potential releases from all sewage pumping stations to which this authority relates.

By 20/11/2016, the operator must ensure that there are appropriate physical systems in place to anticipate a potential release.

These varied conditions refer to actions that were to have occurred in the past and are no longer required.

Urban Utilities would also like to request a variation to Condition 11 from the Code of Environmental Compliance which states:

Condition 11 – Notifiable release
The operator must notify the administering authority via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that:
(a) poses a threat to public health (for example, contamination of waters with primary recreation values);
(b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life);
(c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or
(d) is 10 000 L or more during dry weather.

Urban Utilities is requesting that condition 11 be varied for EA0001209 in line with the draft standard conditions that was released to the industry for consultation and is consistent with the wording of condition 11 in Gold Coast City Council's EA0001743 (issued 17th April 2019) for sewage pumping stations as per below.

The administering authority must be notified via the Pollution Hotline as soon as practicable but no later than 24 hours after becoming aware of a sewage release that:

(a) poses a threat to public health (for example, contamination of waters with primary recreation values);

(b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life);

(c) involves discharge to, or is likely to impact upon, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or

(d) is 10 000 L or more during dry weather.

The moving of the three hour reporting time frame to a 24 hour reporting time frame would not result in any additional environmental harm being caused. Urban Utilities also believes this is a more reasonable and practical expectation for notifiable releases from the over 300 pump stations within our service territory. Urban Utilities vast geographic service area comprises five local government areas and is around 14,384km^2 delivering water and wastewater services to approximately 633,000

residential properties and 30,000 commercial properties in South East Queensland. Although pump stations can overflow at various times the most likely time for overflows is when South East Queensland is experiencing widespread or significant rain, storms and other weather events. Wet weather causes a significant increase in workloads across Urban Utilities and other service providers. In addition, severe thunderstorms often cause widespread and extended Energex power outages which impact sewer and water operations, including reservoirs & water booster stations. These power outages can effect communications systems and telemetry services which in turn require field officers to visit individual sites to investigate and confirm suspected issues or when overflows have occurred. All decisions to notify the Department of overflows are made using the available information at the time. The Environmental Authority requires notifications within three hours which does not usually provide a long enough period to fully understand the circumstances of a release, particularly when a large scale event is experienced like that over the most recent Christmas period. The short notification period requirement meant that many notifications were made with limited information which then needed to be followed up with further information or later withdrawn as they were incorrectly notified. This causes unnecessary resource and administrative burden for both the Department and Urban Utilities at a time when resources are already significantly stretched.

The 24 hour reporting time frame was considered reasonable for the proposed draft standard conditions for pump stations and therefore should be adopted for Urban Utilities amalgamated pump station Environmental Authority.

2. Environmentally Relevant Activity

2.1. Emergency protocols and management

In emergency situations Urban Utilities operates in accordance with our Emergency Management Plan (EMP): CER7. In addition to the EMP the Environmental Events Emergency Sub Plan: TCP15 has been developed to outline the triggers for environmental events that have potential to or actually cause harm.

Urban Utilities has also developed TCP3 Flood Storm Inundation Emergency Management Sub Plan to confirm triggers of a Storm, Flood or High Tide Inundation Event and to outline the preparedness, responsive and recovery activities to minimise impacts to our assets, our people and our customers to ensure continuity of water and sewage services and to minimise impacts to our customers and the environment.

2.1.1. Pump station monitoring

All pump stations are equipped with automated alarm systems and remote monitoring via telemetry systems. This allows for the pump stations to be remotely monitored and operated via telemetry at a centralised control centre. The telemetry system provides continuous information on pump status, performance, faults and running hours and informs Urban Utilities operational staff of any pump station abnormalities, pump failure or unsafe pump well sewage levels to allow for the initiation of emergency contingency plans to prevent or minimise environmental harm.

In the event of a pump system failure, an alarm is transmitted to the control centre. High level alarms, are positioned in wet wells such that field crews have sufficient time to respond to an alarm before a release occurs where time permits. Imminent surcharging and surcharging alarms are also positioned in wet wells to advise of imminent surcharge or surcharge.

2.1.2. Contingency Arrangements

In the event of a pump station system failure, all pump stations are provided with some emergency storage. Emergency storage typically includes the pump well, manhole, and pipes and equates to approximately three hours of emergency storage at average dry weather flow (ADWF). Some pump stations are provided with additional emergency storage in the form of emergency storage chambers. This allows for additional response time in the event of pump failure. Where there is a power failure, some pump stations have onsite standby power generation or dual power sources to improve the reliability of power supply.

Contingency Plans and Time To Overflow Plans are provided for individual pump stations to allow swift action in case of an emergency. The pump station Contingency Plans detail the following information for each pump station by regional area:

• Standard connections for emergency bypass pumping;

• Standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure;

• Stand-by pumping equipment and associated controls; and

• Access for maintenance and emergency activities.

Time to Overflow Plans detail the time to overflow in ADWF at specific time periods throughout the day. This includes for emergency situations, the time to overflow from activation of a high level alarm.

3. Environmental Authority Conditions

Table 1 Proposed conditions

New condition	Proposed wording	Justification
10	The operator must ensure that contaminants are not released to land or waters (including bed and banks of any waters) as a result of the activity unless all reasonable and practicable measures have been taken to prevent the release.	Variations to condition 10 of the Code of Environmental Compliance which include the phrase “unless all reasonable and practicable measures have been taken to prevent the release” exist in all older versions of the pump station licenses when they were separated into local government areas however were not transferred onto the amalgamated pump station Environmental Authority EA0001209.
11	The administering authority must be notified via the Pollution Hotline as soon as practicable but no later than 24 hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of waters with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) involves discharge to, or is likely to impact upon, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	A variation to condition 11 extending the 3 hour notification period to 24 hour notification period will not increase the likelihood of environmental harm being caused, is in line with the proposed draft standard condition 11 for pump stations, is in line with condition 11 in Gold Coast Council’s pump station Environmental Authority EA0001743 and is a reasonable notification time frame given the size of Urban Utilities service territory.
Deletion of varied condition 24		Refers to actions that were to have occurred in the past.

4. Appendices

4.1. EA0001209 Urban Utilities Amalgamated Pump Station

Permit

Environmental Protection Act 1994

Environmental authority EA0001209

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EA0001209

Environmental authority takes effect on on the day of the approval.

The anniversary day of this environmental authority remains **23 March**. The payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
Central SEQ Distributor - Retailer Authority T/A Queensland Urban Utilities	Level 2 15, Green Square Close FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activities	Locations
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	46 Godwin St, Bulimba – Lot 53 Plan RP12532 33A Ferol St, Coorparoo – Lot 139 Plan RP110090 61A Aberdeen Pde, Boondall – Lot 1 Plan RP112504 147A Macarthur Ave, Hamilton – Lot 868 Plan SL450 826 Kingsford Smith Dr, Eagle Farm – Lot 56 Plan RP33804 1015 Stanley St, East Brisbane – Lot 1 Plan RP65734 4 Gordon St, Hawthorne – Lot 2 Plan RP56171 36 Carnelian St, Holland Park – Lot 477 Plan SL3983 303 Centenary Hwy, Jindalee – Lot 92 Plan RP105603 56 Alexander St, Lota – Lot 2 Plan SP190113 350 Upper Esp, Manly – Lot 48 Plan RP33017 148A Edmondstone St, Wilston – Lot 2 Plan RP86518 35A Wendell St, Norman Park – Lot 3 Plan RP151605 12 Scott St, Norman Park – Lot 346 Plan RP12500 53 Granada St, Wynnum – Lot 2 Plan RP33074 73 Sandy Camp Rd, Wynnum – Lot 1 Plan RP100939 363A Beams Rd, Taigum – Lot 1 Plan RP99014 148A Sunset Rd, Kenmore – Lot 2 Plan RP113905

Queensland Government

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	33 Beltana St, Lota – Lot 359 Plan RP33228 60A St Conel St, Nudgee – Lot 2 Plan RP124678 186 Lytton Rd, East Brisbane – Lot 286 Plan SL2560 705 Fig Tree Pocket Rd, Fig Tree Pocket – Lot 1 Plan RP165938 21A Botticelli St, Fig Tree Pocket – Lot 1 Plan RP110724 1701 Creek Rd, Cannon Hill – Lot 3 Plan RP192319 50A Kianawah Rd, Wynnum West – Lot 1 Plan RP112526 99 Mount Ommaney Dr, Jindalee – Lot 1 Plan RP119961 178 Kamarin St, Lota – Lot 1 Plan RP201640 Stanley Rd, Carina – Lot 421 Plan SP223110 34A Perkins St, Sandgate – Lot 263 Plan SP114160 2A Pomona St, Brighton – Lot 333 Plan SL8314 78 Townsend St, Brighton – Lot 12 Plan RP29077 58A Wharf St, Shorncliffe – Lot 1 Plan RP111400 65A Park Pde, Shorncliffe – Lot 2 Plan SL5333 36A Depot Rd, Deagon – Lot 128 Plan SP245843 35 Astolat St, Yeronga – Lot 3 Plan SP175544 51 Ortive St, Yeronga – Lot 32 Plan RP37952 55A Stevens St, Yeronga – Lot 2 Plan RP118628 79 Tufnell Rd, Banyo – Lot 49 Plan RP114374 50 Esplanade, Yeronga – Lot Plan 100 28 Ormuz Rd Yeronga – Lot 92 Plan RP37194 58 Cassia Lane Yeronga – Lot 40 Plan RP84562 110 Kilkivan Av Kenmore – Lot 45 Plan SP149006 1938 Sandgate Rd Virginia – Lot 13 Plan RP145534 160 Witton Rd, Indooroopilly – Lot 57 Plan SL7293 30 North Rd, Wynnum West – Lot 18 Plan RP213402 32A Pritchard St, Lytton – Lot 516 Plan SL7031 249 Indooroopilly Rd, Taringa – Lot 131 Plan RP852706 26A Railway St, Nudgee – Lot 1 Plan RP128036 110 Cliveden Ave, Corinda – Lot 6 Plan RP95353 17 Hall St, Brighton – Lot 11 Plan RP92073 7 Ferguson St, Brighton – Lot 7 Plan RP105557 54 Foxton St, Indooroopilly – Lot 0 Plan SP107763 68 Benson St, Toowong – Lot 2 Plan RP106099 96 Goldieslie Rd, Indooroopilly – Lot 4 Plan RP803072 388 Indooroopilly Rd, Toowong – Lot 1 Plan RP18765 26 Landers Pocket Rd, Banyo – Lot 38 Plan RP208497 86A Jarrott St, Chelmer – Lot 8 Plan RP187663 29 Regatta St, Chelmer – Lot 5 Plan SP141283 8 Long St, Graceville – Lot 1 Plan RP73195 1B Merlin St, Tennyson – Lot 101 Plan SP122207

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	1182 Wynnum Rd, Murarrie – Lot 4 Plan RP72364 14 Twigg St, Indooroopilly – Lot 6 Plan RP102749 2A Turner St, Sherwood – Lot 2 Plan RP125701 1 Joseph St, Sherwood – Lot 1 Plan M314 12 Saltash St, Virginia – Lot 22 Plan SP236215 74 Sandford St, St Lucia – Lot 93 Plan RP40740 6A Macquarie St, St Lucia – Lot 2 Plan RP129611 196 Ashridge Rd, Darra – Lot 26 Plan RP29723 119 The Esplanade, St Lucia – Lot 21 Plan RP67379 37 The Esplanade, St Lucia – Lot 2 Plan RP99585 8 Youngs Rd, Hemmant – Lot 4 Plan RP151176 17 Bougainvillea Ave, Indooroopilly – Lot 39 Plan RP84920 51 Ivy St, Indooroopilly – Lot 6 Plan RP96580 35 Villiers St, Tingalpa – Lot 66 Plan RP32985 15 McBride Rd, Pinkenba – Lot 3 Plan RP70956 44 Doughboy Pde, Hemmant – Lot 1 Plan SL2423 23 Porter St, Hemmant – Lot 58 Plan RP32967 28 Orsova St, Pinkenba – Lot 501 Plan SP215079 39 Miles St, Bald Hills – Lot 338 Plan RP29026 Cullen Avenue West, Eagle Farm – Lot 1 Plan PER5814 116 Holt St, Pinkenba – Lot 931 Plan SL12154 108 Fison Ave, Eagle Farm – Lot 6 Plan SP141214 140 Links Ave, Eagle Farm – Lot 0 Plan BUP5643 Lavarack Ave, Eagle Farm – Lot 1 Plan PER5814 Fison Ave, Eagle Farm – Lot 1 Plan PER5814 1309 Kingsford Smith Dr, Pinkenba – Lot 632 Plan SL8427 17 Sugarmill Rd, Pinkenba – Lot 2 Plan RP199034 113 Donaldson Rd, Rocklea – Lot 19 Plan RP843976 1004 Nudgee Rd, Banyo – Lot 34 Plan SL10735 29 Lobe St, Bald Hills – Lot 36 Plan RP29032 7A Penong St, Westlake – Lot 1 Plan RP146410 Archerfield Rd, Richlands – Lot 0 Plan SP240103 238 Jesmond Rd, Fig Tree Pocket – Lot 444 Plan SL947 32 Ramsay Rd, Hemmant – Lot 26 Plan RP32953 1 Jilba St, Indooroopilly – Lot 1 Plan SP100244 56 Theodore St, Eagle Farm – Lot 782 Plan SL2987 27 Strahan St, Belmont – Lot 132 Plan RP143713 237 Fison Ave, Eagle Farm – Lot 1163 Plan SL11027 104 Lavarack Ave, Eagle Farm – Lot 826 Plan SL3770 32A Duranta St, Bellbowrie – Lot 1 Plan SP211397 1A St George St, Kuraby – Lot 2 Plan RP37392 63 Feuerriegel Rd, Bald Hills – Lot 501 Plan RP140769

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	467A Jesmond Rd, Fig Tree Pocket – Lot 1 Plan RP149352 12 Upland Rd, St Lucia – Lot 382 Plan SL6788 33 Oldfield Rd, Seventeen Mile Rocks – Lot 1 Plan RP152819 819 Macarthur Ave, Pinkenba – Lot 1215 Plan SP172749 22 Sinnamon Rd, Seventeen Mile Rocks – Lot 60 Plan RP123779 39 Kimberley St, Darra – Adjacent to 1 Plan RP93781 2A Lowell St, Kenmore – Lot 19 Plan RP103901 36 Chateau St, Carseldine – Lot 300 Plan RP175394 43 Evergreen St, Bracken Ridge – Lot 123 Plan RP149380 35A Spinkbrae St, Fig Tree Pocket – Lot 26 Plan RP103002 170 Gem Rd, Kenmore – Lot 2 Plan RP113905 24 Fortrose St, Kenmore – Lot 120 Plan RP100653 Corner Brisbane Corso and Cansdale St, Yeronga – Lot 3 Plan RP806359 40 Scenic Rd, Kenmore – Lot 53 Plan RP109172 108 Weekes Rd, Moggill – Lot 3 Plan RP108155 1763 Old Cleveland Rd, Chandler – Lot 1 Plan RP165961 18 Fortitude St, Nudgee Beach – Lot 1139 Plan SL9743 473 Bracken Ridge Rd, Bald Hills – Lot 1 Plan RP136566 9A Weyers Rd, Nudgee – Lot 67 Plan RP176375 86 Sanananda St, Wacol – Lot 3 Plan RP178258 10 Akuna Ct, Hemmant – Lot 680 Plan SL12515 145 Meiers Rd, Indooroopilly – Lot 2 Plan RP209359 139 Pine Mountain Rd, Holland Park – Lot 74 Plan RP192291 23 Balcara Ave, Carseldine – Lot 304 Plan RP191654 50 Balaton St, Westlake – Lot 403 Plan RP868819 41 Woodland St, Algester – Lot 13 Plan RP201835 274 Stanworth Rd, Boondall – Lot 1 Plan RP63707 42 Emmett St, Wynnum West – Lot 207 Plan RP225209 188 Paringa Rd, Murarrie – Lot 43 Plan SP227024 61 Beanland St, Jamboree Heights – Lot 3 Plan RP75211 105 Pioneer Cr, Bellbowrie – Lot 893 Plan RP839680 78 Sunflower Cr, Calamvale – Lot 5 Plan RP809357 1392 Wynnum Rd, Tingalpa – Lot 1 Plan SP240112 921A Gowan Rd, Calamvale – Lot 5 Plan RP809363 36 Forest Lake Bvd, Forest Lake – Lot 998 Plan RP814411 34 Tewantin Way, Forest Lake – Lot 0 Plan SP153857 89 Birkin Rd, Bellbowrie – Lot 1 Plan RP150414 90A St Andrew St, Kuraby – Lot 11 Plan RP813948 75 Darien St, Bridgeman Downs – Lot 9 Plan SP185007 2148 Pritchard St, Lytton – Lot 7 Plan RP836135 33 Gosport St, Hemmant – Lot 5 Plan RP843953

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	333 Waterford Rd, Ellen Grove – Lot 2 Plan RP135465 125 Sinclair Dr, Ellen Grove – Lot 158 Plan RP118908 63 Halleys Cr, Bridgeman Downs – Lot 99 Plan RP853504 381 Beatty Rd, Archerfield – Lot 2 Plan SP200283 75 Callabonna St, Westlake – Lot 406 Plan SP113365 97 Constellation Way, Wynnum – Lot 304 Plan RP863830 1695 Wynnum Rd, Tingalpa – Lot 900 Plan RP906455 95 Bremen St, Hemmant – Lot 100 Plan RP859111 296 Aberdeen Pde, Boondall – Lot 2 Plan RP26042 121 Wendouree Cr, Westlake – Lot 200 Plan RP885583 52 Trade St, Lytton – Lot 10 Plan SP245839 77 Brumby Cct, Sumner – Lot 41 Plan SP180661 88A Sunset Rd, Kenmore – Lot 98 Plan RP887158 133 Grey St, South Brisbane – Lot 103 Plan SSP107067 64 Meadowlands Rd, Carina – Lot 902 Plan RP880696 765A Macarthur Ave Central, Pinkenba – Lot 1152 Plan CP898800 7A Eagleview Pl, Eagle Farm – Lot 902 Plan RP898827 1491 Lytton Rd, Hemmant – Lot 2 Plan RP903018 60 Paddington Cr, Stretton – Lot 44 Plan RP895897 55 Greendale Way, Carindale – Lot 100 Plan RP907203 21B Woodcroft St, Bracken Ridge – Lot 30 Plan CP912690 98 Wyampa Rd, Bald Hills – Lot 100 Plan RP902233 Raubers Rd, Banyo – Lot 38 Plan RP208497 75A Lagoon Cr, Bellbowrie – Lot 14 Plan SP162125 1917A Gympie Rd, Bald Hills – Lot 4 Plan SP117781 21 Leichhardt Pl, Drewvale – Lot 205 Plan SP114549 53 Metroplex Ave, Murarrie – Lot 0 Plan SP166764 95 Brownlee St, Pinkenba – Lot 999 Plan SP128598 26 Lilydale Pl, Forest Lake – Lot 957 Plan SP159459 9A Aringa Cr, Karana Downs – Lot 995 Plan RP172399 72A Atkinson Dr, Karana Downs – Lot 666 Plan SL11243 190A College Rd, Karana Downs – Lot 1 Plan RP180341 698 Nalya Cr, Karana Downs – Lot 3 Plan RP180342 15 Nawalla Ct, Karana Downs – Lot 75 Plan RP148868 25A Boolungal Way, Karana Downs – Lot 994 Plan RP177873 6A Wirriboot Ct, Karana Downs – Lot 993 Plan RP177836 3 Taylor Pl, Forest Lake – Lot 928 Plan SP140067 507A Millers Rd, Kuraby – Lot 1 Plan SP140193 321 Bracken Ridge Rd, Bracken Ridge – Lot 158 Plan RP210185 73 Tilley Rd, Wakerley – Lot 9 Plan SP144619 1858D Lytton Rd, Lytton – Lot 716 Plan SP110610 71A Clyde Gessel Pl, Eagle Farm – Lot 310 Plan SP253447

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	550 Main Myrtletown Rd, Brisbane Airport – Lot 10 Plan SP208835 780 Progress Rd, Wacol – Lot 753 Plan SL9380 20A Greygum Pl, Anstead – Lot 100 Plan SP151124 33 Trinity Way, Drewvale – Lot 106 Plan SP166902 689 Jesmond Rd, Fig Tree Pocket – Lot 26 Plan SP163206 566 Coronation Dr, Toowong – Lot 712 Plan B3824 14 Sylvateere Cr, Wakerley – Lot 995 Plan SP181592 33A Matfield St, Moggill – Lot 6 Plan SP197867 67 Lockyer Pl. Drewvale – Lot 903 Plan SP198673 55-61 Billan St, Carina – Lot 28 Plan RP13175; Lot 29 Plan RP13175; Lot 30 Plan RP13175 & Lot 31 Plan RP13175 198 King Arthur Tce, Tennyson – Lot 9 Plan SP214201 40A Southlink St, Parkinson – Lot 993 Plan SP211080 Axis Pl, Larapinta – Lot 901 Plan SP205055 78 Priors Pocket Rd, Moggill – Lot 2 Plan SP73405 80 Queens Rd, Nudgee – Lot 900 Plan SP238996 27 Bauhinia Pl, Kenmore – Lot 50 Plan SP226147 65 Warrumbungle Pde, Fitzgibbon – Lot 3083 Plan SP265981 1305 Blunder Rd, Pallara – Lot 2 Plan SP293705 1 Old Toowoomba Rd, Leichhardt – Lot 24 Plan SP185920 120 Berry St, Yamanto – Lot 2 Plan SP230092 62 Hanlon St, Bundamba – Lot 1 Plan SP230099 Videroni St, Silkstone – Lot 449 Plan I120725 14 Queen St, Blackstone – Lot 1 Plan RP145746 15 Nelson St, Bundamba – Lot 5 Plan SP198444 2 Chalk St, Leichhardt – Lot 2 Plan SP208100 6 Lobley St, Ipswich – Lot 1 Plan RP199619 Hudson St, Dinmore – Lot A Plan AP21145 113 Ashburn Rd, Bundamba – Lot 1 Plan RP854996 81 Riverview Rd, Riverview – Lot 2 Plan RP164517 7 Sutton St, Churchill – Lot 61 Plan SP147847 49 Lobb St, Churchill – Lot 1 Plan RP129154 Cobalt St, Carole Park – Lot 214 Plan SP104190 Candowie St, Redbank Plains – Lot 505 Plan RP144075 30 Riverview Rd, Riverview – Lot 3 Plan RP155060 11 Moggill Ferry Rd, Riverview – Lot 2 Plan RP164666 20 McAuliffe St, Redbank – Lot 502 Plan SP231927 2b Brisbane Rd, Redbank – Lot 1 Plan RP161486 330 Brisbane Tce, Goodna – Lot 1 Plan RP162110 Road corridor Monash Rd, Goodna – Lot 190 Plan M311 2-74 Kruger Pde, Redbank – Lot 2 Plan SP229584 12 Bassett Lane, Rosewood – Lot 4 Plan RP131545

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	1 Roseberry Pde, Woodend – Lot 10 Plan SP180876 Kent St, Tivoli – Lot 1 Plan SP142073 209 Chermside Rd, East Ipswich – Lot 1 Plan RP66297 47b Tiger St, West Ipswich – Lot 1 Plan RP57571 3 Boundary St, Moores Pocket – Lot 11 Plan RP115688 Mihi Junction Reserve, Collins St Brassall – Lot 6 Plan RP218528 18a Blackall St, East Ipswich – Lot 1 Plan SP230093 163 Mount Crosby Rd, North Tivoli – Lot 1 Plan RP215979 73 Mount Crosby Rd, Tivoli – Lot 1 Plan S151814 166 Chalk St, Wulkuraka – Lot 648 Plan SP160729 100 Francis St, North Ipswich – Lot 2 Plan RP199622 23a Luckie Cr, Tivoli – Lot 1 Plan RP227119 Moores Pocket Rd, Moores Pocket – Lot 52 Plan RP218481 15 Harris St, Tivoli – Lot 1 Plan RP184251 47 Boundary St, Moores Pocket – Lot 4 Plan RP230015 12 Waxberry Ct, Redbank Plains – Lot 21 Plan SP137006 72 Swallowtail Cr, Springfield Lakes – Lot 1 Plan SP230100 92 Junction Rd, Karalee – Lot 8 Plan SP184687 Road/Other corridor, Rosewood – Lot 3 Plan RP79677 63 Powells Rd, Yamanto – Lot 901 Plan SP238636 19 Springfield College Dr, Springfield – Lot 0 Plan SP160085 2-34 Junction Rd, Karalee – Lot 8 Plan SP118670 33 Oxford St, North Booval – Lot 902 Plan SP195478 68 Brisbane Tce, Goodna – Lot 7 Plan SP234916 Saleyard Rd, Yamanto – Lot 1 Plan RP199225 44 Waterford Rd, Gailes – Lot 4 Plan SP189550 221-233 Briggs Rd, Flinders View – Lot 2 Plan RP97218 49 Noblevale Way, Blackstone – Lot 37 Plan SP257496 Monash Rd, Redbank – Lot 700 Plan SP267556 Nevis Rd, Ripley – Lot 2 Plan RP229319 1082-1138 Ipswich- Rosewood Rd, Rosewood – Lot 2 Plan RP128580 148 Keidges Rd, Augustine Heights – Lot 904 Plan SP306711 Karrabin-Rosewood Rd, Walloon – Lot 2 Plan SP291492 Brisbane Valley Hwy, Toogoolawah – Lot 183 Plan CSH1953 Hope St, Opposite Ethel St, Kilcoy – Lot 18 Plan K3798 Showgrounds Rd, Woolmar – Lot 1 Plan SP202820 Adjacent to 72 Creek St, Esk – Lot 1 Plan RP171695 Carralluma Crescent, Fernvale – Lot 99 Plan CC3429 Schmidt Rd, Fernvale – Lot 911 Plan RP861508 Adjacent to to 16 Daniel St, Lowood – Lot 103 Plan CC3400 Macadamia Dr, Lowood – Lot 201 Plan RP886140 Lindemans Rd, Lowood – Lot 59 Plan RP854663

Environmentally relevant activities	**Locations**
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	3249 Forest Hill Fernvale Rd, Lowood – Lot 1 Plan RP138867 16 Air Force Rd, Helidon – Lot 1 Plan RP188516 3 George St, Helidon – Lot 22 Plan SP172577 School St, Helidon – Lot 19 Plan CP903641 Cnr Eastern Dr & Cresent St, Gatton – Lot 362 Plan SP117133 23 East St, Gatton – Lot 11 Plan CC807888 23 Logan St, Gatton – Lot 210 Plan SP103431 Western Dr, Gatton – Lot 2 Plan RP802604 Industrial Rd, Gatton – Lot 99 Plan SP176178 Corner South St & Metcalf St, Gatton – Lot 1 Plan CP840605 41 Hennessy St, Gatton – Lot 194 Plan CC3592 41a Golf Links Dr, Gatton – Lot 1 Plan RP155297 89 Western Dr, Gatton – Lot 6 Plan RP203969 Hennessy St, Gatton – Lot 201 Plan RP853238 Adjacent to 90 Golf Links Drive, Gatton – Adjacent to Lot 3 Plan SP276636 (GPS Coordinates: -27.563000, 152.292751) Sharoy Ct, Placid Hills – Lot 302 Plan SP233610 Karrasch's Rd, Placid Hills – Lot 301 Plan SP233610 267 Patrick St, Laidley – Lot 4 Plan SP162376 Lowe St, Laidley – Adjacent to Lot 3 Plan RP113010 (GPS Coordinates: -27.644954, 152.392758) Laidley Plainland Rd, Laidley North – Lot 499 Plan SP197170 Railway St, Forest Hill – Lot 302 Plan CC2095 Gordon St, Forest Hill – Lot 13 Plan RP65305 Elliot Road, Boonah 4310 – Lot 189 Plan SP238044 Athol Terrace, Boonah 4310 – Lot 1 Plan RP118838 Mt French Road, Boonah 4310 – Lot 329 Plan SP140084 Teviot Street, Boonah 4310 – Lot 8 Plan RP115862 Boonah Rathdowney Road, Dugandan 4310 – Lot 15 Plan SP201566 Robson Road, Boonah 4310 – Lot 99 Plan SP204358 Hoya Road, Hoya 4310 – Lot 4 Plan SP220324 Hopkins Street, Beaudesert 4285 – Lot 3 Plan SP238038 Drumley Street, Beaudesert 4285 – Lot 22 Plan SP238306 Central Park Cedar Drive, Beaudesert 4285 – Lot 106 Plan RP169885 Industrial Drive, Beaudesert 4285 – Lot 17 Plan SP181853 Brayford Park, Beaudesert 4285 – Lot 2 Plan RP826229 Cosgrove Court, Gleneagle – Lot 604 Plan SP101764 Christie Street, Canungra 4275 – Lot 10 Plan SP238303 Moriarty Park, Canungra 4275 – Lot 90 Plan WD5627 Countrywide Estate Riverbend Dr, Canungra 4275 – Lot 900 Plan RP889577 Equestrian Centre, Ogilvie Pl, Kooralbyn 4285 – Lot 3 Plan RP17864

Environmentally relevant activities	Locations
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	Mount Lindesay Hwy, Gleneagle 4285 – Lot 906 Plan SP297450 Settlers Drive, Kalbar 4309 – Lot 999 Plan SP210694

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term ‘duty to notify’.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or

b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or

c) otherwise- one the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

	14/12/2023
Signature	Date

Rebecca Griffiths
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Department of Environment and Science
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: 07 3330 6037
Email: palm@des.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained with the attached document entitled:

- Code of environmental compliance for certain aspects of sewage treatment activities (ERA 63) Version 1, ESR/2015/1669 (Attachment 1)

Pump Station ID	Address	Lot	Plan
Region: Brisbane			
SP005	46 Godwin St, Bulimba	53	RP12532
SP007	33A Ferol St, Coorparoo	139	RP110090
SP008	61A Aberdeen Pde, Boondall	1	RP112504
SP009	147A Macarthur Ave, Hamilton	868	SL450
SP010	826 Kingsford Smith Dr, Eagle Farm	56	RP33804
SP011	1015 Stanley St, East Brisbane	1	RP65734
SP016	4 Gordon St, Hawthorne	2	RP56171
SP018	36 Carnelian St, Holland Park	477	SL3983
SP019	303 Centenary Hwy, Jindalee	92	RP105603
SP020	56 Alexander St, Lota	2	SP190113
SP021	350 Upper Esp, Manly	48	RP33017
SP023	148A Edmondstone St, Wilston	2	RP86518
SP024	35A Wendell St, Norman Park	3	RP151605
SP025	12 Scott St, Norman Park	346	RP12500
SP033	53 Granada St, Wynnum	2	RP33074
SP034	73 Sandy Camp Rd, Wynnum	1	RP100939
SP037	363A Beams Rd, Taigum	1	RP99014
SP040	148A Sunset Rd, Kenmore	2	RP113905
SP042	33 Beltana St, Lota	359	RP33228
SP043	60A St Conel St, Nudgee	2	RP124678
SP044	186 Lytton Rd, East Brisbane	286	SL2560
SP045	705 Fig Tree Pocket Rd, Fig Tree Pocket	1	RP165938
SP046	21A Botticelli St, Fig Tree Pocket	1	RP110724
SP047	1701 Creek Rd, Cannon Hill	3	RP192319
SP049	50A Kianawah Rd, Wynnum West	1	RP112526
SP050	99 Mount Ommaney Dr, Jindalee	1	RP119961
SP053	178 Kamarin St, Lota	1	RP201640
SP055	Stanley Rd, Carina	421	SP223110
SP056	34A Perkins St, Sandgate	263	SP114160
SP057	2A Pomona St, Brighton	333	SL8314
SP058	78 Townsend St, Brighton	12	RP29077
SP059	58A Wharf St, Shorncliffe	1	RP111400
SP060	65A Park Pde, Shorncliffe	2	SL5333
SP062	36A Depot Rd, Deagon	128	SP245843
SP063	35 Astolat St, Yeronga	3	SP175544
SP064	51 Ortive St, Yeronga	32	RP37952
SP065	55A Stevens St, Yeronga	2	RP118628
SP068	79 Tufnell Rd, Banyo	49	RP114374
SP071	50 Esplanade, Yeronga	100	CP868497
SP072	28 Ormuz Rd, Yeronga	92	RP37194
SP073	58 Cassia Lane, Yeronga	40	RP84562
SP075	110 Kilkivan Av, Kenmore	45	SP149006
SP078	1938 Sandgate Rd, Virginia	13	RP145534
SP081	160 Witton Rd, Indooroopilly	57	SL7293
SP083	30 North Rd, Wynnum West	18	RP213402
SP085	32A Pritchard St, Lytton	516	SL7031

Pump Station ID	Address	Lot	Plan
SP086	249 Indooroopilly Rd, Taringa	131	RP852706
SP087	26A Railway St, Nudgee	1	RP128036
SP088	110 Cliveden Ave, Corinda	6	RP95353
SP089	17 Hall St, Brighton	11	RP92073
SP090	7 Ferguson St, Brighton	7	RP105557
SP098	54 Foxton St, Indooroopilly	0	SP107763
SP099	68 Benson St, Toowong	2	RP106099
SP100	96 Goldieslie Rd, Indooroopilly	4	RP803072
SP103	388 Indooroopilly Rd, Toowong	1	RP18765
SP105	26 Landers Pocket Rd, Banyo	38	RP208497
SP108	86A Jarrott St, Chelmer	8	RP187663
SP109	29 Regatta St, Chelmer	5	SP141283
SP110	8 Long St, Graceville	1	RP73195
SP111	1B Merlin St, Tennyson	101	SP122207
SP112	1182 Wynnum Rd, Murarrie	4	RP72364
SP113	14 Twigg St, Indooroopilly	6	RP102749
SP115	2A Turner St, Sherwood	2	RP125701
SP116	1 Joseph St, Sherwood	1	M314
SP117	12 Saltash St, Virginia	22	SP236215
SP118	74 Sandford St, St Lucia	93	RP40740
SP119	6A Macquarie St, St Lucia	2	RP129611
SP120	196 Ashridge Rd, Darra	26	RP29723
SP121	119 The Esplanade, St Lucia	21	RP67379
SP122	37 The Esplanade, St Lucia	2	RP99585
SP126	8 Youngs Rd, Hemmant	4	RP151176
SP127	17 Bougainvillea Ave, Indooroopilly	39	RP84920
SP129	51 Ivy St, Indooroopilly	6	RP96580
SP130	35 Villiers St, Tingalpa	66	RP32985
SP131	15 McBride Rd, Pinkenba	3	RP70956
SP132	44 Doughboy Pde, Hemmant	1	SL2423
SP133	23 Porter St, Hemmant	58	RP32967
SP136	28 Orsova St, Pinkenba	501	SP215079
SP139	39 Miles St, Bald Hills	338	RP29026
SP140	Cullen Avenue West, Eagle Farm	1	PER5814
SP141	116 Holt St, Pinkenba	931	SL12154
SP142	108 Fison Ave, Eagle Farm	6	SP141214
SP143	140 Links Ave, Eagle Farm	0	BUP5643
SP144	Lavarack Ave, Eagle Farm	1	PER5814
SP145	Fison Ave, Eagle Farm	1	PER5814
SP146	1309 Kingsford Smith Dr, Pinkenba	632	SL8427
SP147	17 Sugarmill Rd, Pinkenba	2	RP199034
SP148	113 Donaldson Rd, Rocklea	19	RP843976
SP152	1004 Nudgee Rd, Banyo	34	SL10735
SP153	29 Lobe St, Bald Hills	36	RP29032
SP155	7A Penong St, Westlake	1	RP146410
SP157	Archerfield Rd, Richlands	0	SP240103
SP160	238 Jesmond Rd, Fig Tree Pocket	444	SL947
SP161	32 Ramsay Rd, Hemmant	26	RP32953
SP162	1 Jilba St, Indooroopilly	1	SP100244
SP164	56 Theodore St, Eagle Farm	782	SL2987
SP165	27 Strahan St, Belmont	132	RP143713
SP166	237 Fison Ave, Eagle Farm	1163	SL11027
SP167	104 Lavarack Ave, Eagle Farm	826	SL3770
SP168	32A Duranta St, Bellbowrie	1	SP211397

Pump Station ID	Address	Lot	Plan
SP171	1A St George St, Kuraby	2	RP37392
SP172	63 Feuerriegel Rd, Bald Hills	501	RP140769
SP174	467A Jesmond Rd, Fig Tree Pocket	1	RP149352
SP175	12 Upland Rd, St Lucia	382	SL6788
SP178	33 Oldfield Rd, Seventeen Mile Rocks	1	RP152819
SP180	819 Macarthur Ave, Pinkenba	1215	SP172749
SP181	22 Sinnamon Rd, Seventeen Mile Rocks	60	RP123779
SP182	39 Kimberley St, Darra	Adjacent to 1	RP93781
		GPS Coordinates: -27.572301, 152.966101	
SP184	2A Lowell St, Kenmore	19	RP103901
SP185	36 Chateau St, Carseldine	300	RP175394
SP187	43 Evergreen St, Bracken Ridge	123	RP149380
SP189	35A Spinkbrae St, Fig Tree Pocket	26	RP103002
SP191	170 Gem Rd, Kenmore	2	RP113905
SP192	24 Fortrose St, Kenmore	120	RP100653
SP194	Corner Brisbane Corso and Cansdale St, Yeronga	3	RP806359
SP197	40 Scenic Rd, Kenmore	53	RP109172
SP207	108 Weekes Rd, Moggill	3	RP108155
SP209	1763 Old Cleveland Rd, Chandler	1	RP165961
SP210	18 Fortitude St, Nudgee Beach	1139	SL9743
SP211	473 Bracken Ridge Rd, Bald Hills	1	RP136566
SP212	9A Weyers Rd, Nudgee	67	RP176375
SP213	86 Sanananda St, Wacol	3	RP178258
SP214	10 Akuna Ct, Hemmant	680	SL12515
SP215	145 Meiers Rd, Indooroopilly	2	RP209359
SP216	139 Pine Mountain Rd, Holland Park	74	RP192291
SP217	23 Balcara Ave, Carseldine	304	RP191654
SP218	50 Balaton St, Westlake	403	RP868819
SP224	41 Woodland St, Algester	13	RP201835
SP225	274 Stanworth Rd, Boondall	1	RP63707
SP226	42 Emmett St, Wynnum West	207	RP225209
SP230	188 Paringa Rd, Murarrie	43	SP227024
SP232	61 Beanland St, Jamboree Heights	3	RP75211
SP235	105 Pioneer Cr, Bellbowrie	893	RP839680
SP237	78 Sunflower Cr, Calamvale	5	RP809357
SP238	1392 Wynnum Rd, Tingalpa	1	SP240112
SP239	921A Gowan Rd, Calamvale	5	RP809363
SP240	36 Forest Lake Bvd, Forest Lake	998	RP814411
SP241	34 Tewantin Way, Forest Lake	0	SP153857
SP243	89 Birkin Rd, Bellbowrie	1	RP150414
SP246	90A St Andrew St, Kuraby	11	RP813948
SP247	75 Darien St, Bridgeman Downs	9	SP185007
SP248	2148 Pritchard St, Lytton	7	RP836135
SP249	33 Gosport St, Hemmant	5	RP843953
SP250	333 Waterford Rd, Ellen Grove	2	RP135465
SP251	125 Sinclair Dr, Ellen Grove	158	RP118908
SP253	63 Halleys Cr, Bridgeman Downs	99	RP853504
SP254A	381 Beatty Rd, Archerfield	2	SP200283
SP255	75 Callabonna St, Westlake	406	SP113365
SP256	97 Constellation Way, Wynnum	304	RP863830
SP258	1695 Wynnum Rd, Tingalpa	900	RP906455
SP259	95 Bremen St, Hemmant	100	RP859111
SP260	296 Aberdeen Pde, Boondall	2	RP26042

Pump Station ID	Address	Lot	Plan
SP261	121 Wendouree Cr, Westlake	200	RP885583
SP262	52 Trade St, Lytton	10	SP245839
SP263	77 Brumby Cct, Sumner	41	SP180661
SP264	88A Sunset Rd, Kenmore	98	RP887158
SP266	133 Grey St, South Brisbane	103	SSP107067
SP267	64 Meadowlands Rd, Carina	902	RP880696
SP268	765A Macarthur Ave Central, Pinkenba	1152	CP898800
SP269	7A Eagleview Pl, Eagle Farm	902	RP898827
SP270	1491 Lytton Rd, Hemmant	2	RP903018
SP271	60 Paddington Cr, Stretton	44	RP895897
SP272	55 Greendale Way, Carindale	100	RP907203
SP273	21B Woodcroft St, Bracken Ridge	30	CP912690
SP274	98 Wyampa Rd, Bald Hills	100	RP902233
SP276	Raubers Rd, Banyo	38	RP208497
SP278	75A Lagoon Cr, Bellbowrie	14	SP162125
SP279	1917A Gympie Rd, Bald Hills	4	SP117781
SP280	21 Leichhardt Pl, Drewvale	205	SP114549
SP281	53 Metroplex Ave, Murarrie	0	SP166764
SP282	95 Brownlee St, Pinkenba	999	SP128598
SP283	26 Lilydale Pl, Forest Lake	957	SP159459
SP285	9A Aringa Cr, Karana Downs	995	RP172399
SP286	72A Atkinson Dr, Karana Downs	666	SL11243
SP287	190A College Rd, Karana Downs	1	RP180341
SP288	698 Nalya Cr, Karana Downs	3	RP180342
SP289	15 Nawalla Ct, Karana Downs	75	RP148868
SP290	25A Boolungal Way, Karana Downs	994	RP177873
SP292	6A Wirriboot Ct, Karana Downs	993	RP177836
SP294	3 Taylor Pl, Forest Lake	928	SP140067
SP295	507A Millers Rd, Kuraby	1	SP140193
SP296	321 Bracken Ridge Rd, Bracken Ridge	158	RP210185
SP297	73 Tilley Rd, Wakerley	9	SP144619
SP298	1858D Lytton Rd, Lytton	716	SP110610
SP299	71A Clyde Gessel Pl, Eagle Farm	310	SP253447
SP300	550 Main Myrtletown Rd, Brisbane Airport	10	SP208835
SP302	780 Progress Rd, Wacol	753	SL9380
SP303	20A Greygum Pl, Anstead	100	SP151124
SP304	33 Trinity Way, Drewvale	106	SP166902
SP305	689 Jesmond Rd, Fig Tree Pocket	26	SP163206
SP306	566 Coronation Dr, Toowong	712	B3824
SP307	14 Sylvateere Cr, Wakerley	995	SP181592
SP308	33A Matfield St, Moggill	6	SP197867
SP310	67 Lockyer Pl. Drewvale	903	SP198673
SP312	55-61 Billan St, Carina	28	RP13175
		29	RP13175
		30	RP13175
		31	RP13175
SP313	198 King Arthur Tce, Tennyson	9	SP214201
SP314	40A Southlink St, Parkinson	993	SP211080
SP315	Axis Pl, Larapinta	901	SP205055
SP316	78 Priors Pocket Rd, Moggill	2	SP73405
SP317	80 Queens Rd, Nudgee	900	SP238996
SP318	27 Bauhinia Pl, Kenmore	50	SP226147
SP319	65 Warrumbungle Pde, Fitzgibbon	3083	SP265981
SP481	1305 Blunder Rd, Pallara	2	SP293705

Pump Station ID	Address	Lot	Plan
Region: Ipswich			
SP320	1 Old Toowoomba Rd, Leichhardt	24	SP185920
SP321	120 Berry St, Yamanto	2	SP230092
SP322	62 Hanlon St, Bundamba	1	SP230099
SP323	Videroni St, Silkstone	449	I120725
SP326	14 Queen St, Blackstone	1	RP145746
SP327	15 Nelson St, Bundamba	5	SP198444
SP330	2 Chalk St, Leichhardt	2	SP208100
SP331	6 Lobley St, Ipswich	1	RP199619
SP332	Hudson St, Dinmore	A	AP21145
SP333	113 Ashburn Rd, Bundamba	1	RP854996
SP334	81 Riverview Rd, Riverview	2	RP164517
SP335	7 Sutton St, Churchill	61	SP147847
SP336	49 Lobb St, Churchill	1	RP129154
SP338	Cobalt St, Carole Park	214	SP104190
SP340	Candowie St, Redbank Plains	505	RP144075
SP341	30 Riverview Rd, Riverview	3	RP155060
SP342	11 Moggill Ferry Rd, Riverview	2	RP164666
SP343	20 McAuliffe St, Redbank	502	SP231927
SP344	2b Brisbane Rd, Redbank	1	RP161486
SP345	330 Brisbane Tce, Goodna	1	RP162110
SP346	Road corridor Monash Rd, Goodna	190	M311
SP347	2-74 Kruger Pde, Redbank	2	SP229584
SP348	12 Bassett Lane, Rosewood	4	RP131545
SP350	1 Roseberry Pde, Woodend	10	SP180876
SP351	Kent St, Tivoli	1	SP142073
SP352	209 Chermside Rd, East Ipswich	1	RP66297
SP353	47b Tiger St, West Ipswich	1	RP57571
SP354	3 Boundary St, Moores Pocket	11	RP115688
SP355	Mihi Junction Reserve, Collins St, Brassall	6	RP218528
SP356	18a Blackall St, East Ipswich	1	SP230093
SP357	163 Mount Crosby Rd, North Tivoli	1	RP215979
SP358	73 Mount Crosby Rd, Tivoli	1	S151814
SP359	166 Chalk St, Wulkuraka	648	SP160729
SP360	100 Francis St, North Ipswich	2	RP199622
SP361	23a Luckie Cr, Tivoli	1	RP227119
SP362	Moores Pocket Rd, Moores Pocket	52	RP218481
SP363	15 Harris St, Tivoli	1	RP184251
SP364	47 Boundary St, Moores Pocket	4	RP230015
SP367	12 Waxberry Ct, Redbank Plains	21	SP137006
SP368	72 Swallowtail Cr, Springfield Lakes	1	SP230100
SP369	92 Junction Rd, Karalee	8	SP184687
SP370	Road/Other corridor, Rosewood	3	RP79677
SP371	63 Powells Rd, Yamanto	901	SP238636
SP373	19 Springfield College Dr, Springfield	0	SP160085
SP374	2-34 Junction Rd, Karalee	8	SP118670
SP375	33 Oxford St, North Booval	902	SP195478
SP377	68 Brisbane Tce, Goodna	7	SP234916
SP378	Saleyard Rd, Yamanto	1	RP199225
SP379	44 Waterford Rd, Gailes	4	SP189550
SP381	221-233 Briggs Rd, Flinders View	2	RP97218
SP382	49 Noblevale Way, Blackstone	37	SP257496
SP383	Monash Rd, Redbank	700	SP267556
SP384	Nevis Rd, Ripley	2	RP229319

Pump Station ID	Address	Lot	Plan
SP473	1082-1138 Ipswich- Rosewood Rd, Rosewood	2	RP128580
SP489	148 Keidges Rd, Augustine Heights	904	SP306711
SP492	Karrabin-Rosewood Rd, Walloon	2	SP291492
Region: Somerset			
SP385	Brisbane Valley Hwy, Toogoolawah	183	CSH1953
SP390	Hope St, Opposite Ethel St, Kilcoy	18	K3798
SP394	Showgrounds Rd, Woolmar	1	SP202820
SP396	Adjacent to 72 Creek St, Esk	1	RP171695
SP477	Carralluma Crescent, Fernvale	99	CC3429
SP399	Schmidt Rd, Fernvale	911	RP861508
SP463	Adjacent to to 16 Daniel St, Lowood	103	CC3400
SP465	Macadamia Dr, Lowood	201	RP886140
SP467	Lindemans Rd, Lowood	59	RP854663
SP478	3249 Forest Hill Fernvale Rd, Lowood	1	RP138867
Region: Lockyer			
SP405	16 Air Force Rd, Helidon	1	RP188516
SP406	3 George St, Helidon	22	SP172577
SP407	School St, Helidon	19	CP903641
SP408	Cnr Eastern Dr & Cresent St, Gatton	362	SP117133
SP409	23 East St, Gatton	11	CC807888
SP410	23 Logan St, Gatton	210	SP103431
SP411	Western Dr, Gatton	2	RP802604
SP412	Industrial Rd, Gatton	99	SP176178
SP413	Corner South St & Metcalf St, Gatton	1	CP840605
SP414	41 Hennessy St, Gatton	194	CC3592
SP415	41a Golf Links Dr, Gatton	1	RP155297
SP416	83 Western Dr, Gatton	6	RP203969
SP417	Hennessy St, Gatton	201	RP853238
SP418	Adjacent to 90 Golf Links Drive, Gatton	Adjacent to 3	SP276636
		GPS Coordinates: -27.563000, 152.292751	
SP419	Sharoy Ct, Placid Hills	302	SP233610
SP420	Karrasch's Rd, Placid Hills	301	SP233610
SP422	267 Patrick St, Laidley	4	SP162376
SP423	Lowe St, Laidley	Adjacent to 3	RP113010
		GPS Coordinates: -27.644954, 152.392758	
SP426	Laidley Plainland Rd, Laidley North	499	SP197170
SP428	Railway St, Forest Hill	302	CC2095
SP429	Gordon St, Forest Hill	13	RP65305
Region: Scenic Rim			
SP435	Elliott Road, Boonah 4310	189	SP238044
SP436	Athol Terrace, Boonah 4310	1	RP118838
SP437	Mt French Road, Boonah 4310	329	SP140084
SP438	Teviot Street, Boonah 4310	8	RP115862
SP439	Boonah Rathdowney Road, Dugandan 4310	15	SP201566
SP440	Robson Road, Boonah 4310	99	SP204358
SP441	Hoya Road, Hoya 4310	4	SP220324
SP442	Hopkins Street, Beaudesert 4285	3	SP238038
SP443	Drumley Street, Beaudesert 4285	22	SP238306
SP444	Central Park Cedar Drive, Beaudesert 4285	106	RP169885
SP445	Industrial Drive, Beaudesert 4285	17	SP181853
SP446	Brayford Park, Beaudesert 4285	2	RP826229
SP447	Cosgrove Court, Gleneagle 4285	604	SP101764
SP449	Christie Street, Canungra 4275	10	SP238303
SP450	Moriarty Park, Canungra 4275	90	WD5627

Pump Station ID	Address	Lot	Plan
SP451	Countrywide Estate Riverbend Dr, Canungra 4275	900	RP889577
SP454	Equestrian Centre, Ogilvie Pl, Kooralbyn 4285	3	RP17864
SP471	Settlers Drive, Kalbar 4309	999	SP210694

Variations to the standard conditions are described in Table 1 – Varied conditions, and these variations apply only to relevant sites as described in Table 1 – Varied conditions.

Table 1 – Varied Conditions

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks or any waters) may occur as a result of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and (c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.	**SP320** 1 Old Toowoomba Road, LEICHHARDT	Lot 24 Plan SP185920
		SP321 120 Berry Street, YAMANTO	Lot 2 Plan SP230092
		SP322 62 Hanlon Street, BUNDAMBA	Lot 1 Plan SP230099
		SP323 Videroni Street, SILKSTONE	Lot 449 Plan I120725
		SP326 14 Queen Street, BLACKSTONE	Lot 1 Plan RP145746
		SP327 15 Nelson Street, BUNDAMBA	Lot 5 Plan SP198444
		SP330 2 Chalk Street, LEICHHARDT	Lot 2 Plan SP208100
		SP331 6 Lobley Street, IPSWICH	Lot 1 Plan RP199619
		SP332 Hudson Street, DINMORE	Lot A Plan AP21145
		SP333 113 Ashburn Road, BUNDAMBA	Lot 1 Plan RP854996
		SP334 81 Riverview Road, RIVERVIEW	Lot 2 Plan RP164517
		SP335 7 Sutton Street, CHURCHILL	Lot 61 Plan SP147847
		SP336 49 Lobb Street, CHURCHILL	Lot 1 Plan RP129154
		SP338 Cobalt Street, CAROLE PARK	Lot 214 Plan SP104190
		SP340 Candowie Street, REDBANK PLAINS	Lot 505 Plan RP144075
		SP341 30 Riverview Road, RIVERVIEW	Lot 3 Plan RP155060

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
		SP342 11 Moggill Ferry Road, RIVERVIEW	Lot 2 Plan RP164666
		SP343 20 McAuliffe St, REDBANK	Lot 502 Plan SP231927
		SP344 2b Brisbane Rd, REDBANK	Lot 1 Plan RP161486
		SP345 330 Brisbane Tce, GOODNA	Lot 1 Plan RP162110
		SP346 Road corridor Monash Rd, GOODNA	Lot 190 Plan M311
		SP347 2-74 Kruger Pde, REDBANK	Lot 2 Plan SP229584
		SP348 12 Bassett Lane, ROSEWOOD	Lot 4 Plan RP131545
		SP350 1 Roseberry Parade, WOODEND	Lot 10 Plan SP180876
		SP351 Kent Street, TIVOLI	Lot 1 Plan SP142073
		SP352 209 Chermside Road, EAST IPSWICH	Lot 1 Plan RP66297
		SP353 47b Tiger Street, WEST IPSWICH	Lot 1 Plan RP57571
		SP354 3 Boundary Street, MOORES POCKET	Lot 11 Plan RP115688
		SP355 Mihi Junction Reserve, Collins Street, BRASSALL	Lot 6 Plan RP218528
		SP356 18a Blackall Street, EAST IPSWICH	Lot 1 Plan SP230093
		SP357 163 Mount Crosby Road, NORTH TIVOLI	Lot 1 Plan RP215979
		SP358 73 Mount Crosby Road, TIVOLI	Lot 1 Plan S151814
		SP359 166 Chalk Street, WULKURAKA	Lot 648 Plan SP160729
		SP360 100 Francis Street, NORTH IPSWICH	Lot 2 Plan RP199622
		SP361 23a Luckie Crescent, TIVOLI	Lot 1 Plan RP227119

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
		SP362 Moores Pocket Road, MOORES POCKET	Lot 52 Plan RP218481
		SP363 15 Harris Street, TIVOLI	Lot 1 Plan RP184251
		SP364 47 Boundary St, MOORE POCKET	Lot 4 Plan RP230015
		SP367 412 Waxberry Court, REDBANK PLAINS	Lot 21 Plan SP137006
		SP368 72 Swallowtail Crescent, SPRINGFIELD LAKES	Lot 1 Plan SP230100
		SP369 92 Junction Road, KARALEE	Lot 8 Plan SP184687
		SP370 Road/Other Corridor, ROSEWOOD	Lot 3 Plan RP79677
		SP371 63 Powells Road, YAMANTO	Lot 901 Plan SP238636
		SP373 19 Springfield College Drive, SPRINGFIELD	Lot 0 Plan SP160085
		SP374 2-34 Junction Road, KARALEE	Lot 8 Plan SP118670
		SP375 33 Oxford Street, NORTH BOOVAL	Lot 902 Plan SP195478
		SP377 68 Brisbane Terrace, GOODNA	Lot 7 Plan SP234916
		SP378 Saleyard Road, YAMANTO	Lot 1 Plan RP199225
		SP379 44 Waterford Road, GAILES	Lot 4 Plan SP189550
		SP381 221-233 Briggs Road, FLINDERS VIEW	Lot 2 Plan RP97218
		SP382 49 Noblevale Way, BLACKSTONE	Lot 37 Plan SP257496
		SP383 Monash Road, REDBANK	Lot 700 Plan SP267556
		SP384 Nevis Street, RIPLEY	Lot 2 Plan RP229319
		SP473 1082-1138, Ipswich-Rosewood Road, ROSEWOOD	Lot 2 Plan RP128580

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
		SP385 Brisbane Valley Hwy, TOOGOOLAWAH	Lot 183 Plan CSH1953
		SP390 Hope St, Adjacent to Ethel St, KILCOY	Lot 18 Plan K3798
		SP394 Showgrounds Road, WOOLMAR	Lot 1 Plan SP202820
		SP396 Road Corridor Adjacent to 72 Creek St, ESK	Lot 1 Plan RP171695
		SP477 Carralluma Crescent, FERNVALE	Lot 99 Plan CC3429
		SP399 Schmidt Road, FERNVALE	Lot 911 Plan RP861508
24	**Responding to potential releases** By 1 January 2017, the operator must ensure that there are appropriate physical systems in place to anticipate potential releases from all sewage pumping stations to which this authority relates.	**SP385** Brisbane Valley Hwy, TOOGOOLAWAH	Lot 183 Plan CSH1953
		SP390 Hope St, Adjacent to Ethel St, KILCOY	Lot 18 Plan K3798
		SP394 Showgrounds Road, WOOLMAR	Lot 1 Plan SP202820
		SP396 Adjacent to 72 Creek St, ESK	Lot 1 Plan RP171695
		SP477 Carralluma Crescent, FERNVALE	Lot 99 Plan CC3429
		SP399 Schmidt Road, FERNVALE	Lot 911 Plan RP861508
		SP405 16 Air Force Road, HELIDON	Lot 1 Plan RP188516
		SP406 3 George Street, HELIDON	Lot 22 Plan SP172577
		SP407 School Street, HELIDON	Lot 19 Plan CP903641
		SP408 Cnr Eastern Drive & Cresent Street, GATTON	Lot 362 Plan SP117133
		SP409 23 East Street, GATTON	Lot 11 Plan CC807888
		SP410 23 Logan Street, GATTON	Lot 210 Plan SP103431
		SP411 Western Drive, GATTON	Lot 2 Plan RP802604

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
		SP412 Industrial Road, GATTON	Lot 99 Plan SP176178
		SP413 Corner South St & Metcalf St, GATTON	Lot 1 Plan CP840605
		SP414 41 Hennessy Street, GATTON	Lot 194 Plan CC3592
		SP415 41a Golf Links Drive, GATTON	Lot 1 Plan RP155297
		SP416 89 Western Drive, GATTON	Lot 6 Plan RP155297
		SP417 Hennessy Street, GATTON	Lot 201 Plan RP853238
		SP418 Adjacent to 90 Golf Links Drive, GATTON	Adjacent to Lot 3 SP276636 GPS coordinates: -27.563000, 152.292751
		SP419 Sharoy Court, PLACID HILLS	Lot 302 Plan SP233610
		SP420 Karrasch's Road, PLACID HILLS	Lot 301 Plan SP233610
		SP422 267 Patrick Street, LAIDLEY	Lot 4 Plan SP162376
		SP423 Lowe Street, LAIDLEY	Adjacent to Lot 3 Plan RP113010 GPS coordinates: -27.644954, 152.392758
		SP426 Laidley Plainland Road, LAIDLEY NORTH	Lot 499 Plan SP197170
		SP428 Railway Street, FOREST HILL	Lot 302 Plan CC2095
		SP429 Gordon Street, FOREST HILL	Lot 13 Plan RP65305
		SP463 Adjacent to 16 Daniel St, LOWOOD	Lot 103 Plan CC3400
		SP465 Macadamia Drive, LOWOOD	Lot 201 Plan RP886140
		SP467 Lindemans Road, LOWOOD	Lot 59 Plan RP854663
		SP478 3249 Forest Hill, FERNVALE Road, LOWOOD	Lot 1 Plan RP138867
24	**Responding to potential releases**	**SP435** Elliott Road, BOONAH 4210	Lot 189 Plan SP238044

Condition number	Condition	Sites that varied condition applies to	
		Site name	**Lot on plan**
	By 20/11/2016, the operator must ensure that there are appropriate physical systems in place to anticipate a potential release.	**SP436** Athol Terrace, BOONAH 4310	Lot 1 Plan RP118838
		SP437 Mt French Road, BOONAH 4310	Lot 329 Plan SP140084
		SP438 Teviot Street, BOONAH 4310	Lot 8 Plan RP115862
		SP439 Boonah Rathdowney Road, DUGANDAN 4310	Lot 15 Plan SP201566
		SP440 Robson Road, BOONAH 4310	Lot 99 Plan SP204358
		SP441 Hoya Road, HOYA 4310	Lot 4 Plan SP220324
		SP442 Hopkins Street, BEAUDESERT 4285	Lot 3 Plan SP238038
		SP443 Drumley Street, BEAUDESERT 4285	Lot 22 Plan SP238306
		SP444 Central Park Cedar Drive, BEAUDESERT 4285	Lot 106 Plan RP169885
		SP445 Industrial Drive, BEAUDESERT 4285	Lot 17 Plan SP181853
		SP446 Brayford Park, BEAUDESERT 4285	Lot 2 Plan RP826229
		SP447 Cosgrove Court, GLENEAGLE 4285	Lot 604 Plan SP101764
		SP449 Christie Street, CANUNGRA 4275	Lot 10 Plan SP238303
		SP450 Moriarty Park, CANUNGRA 4275	Lot 90 Plan WD5627
		SP451 Countrywide Estate, CANUNGRA 4275	Lot 900 Plan RP889577
		SP454 Equestrian Centre, Ogilvie PI, KOORALBYN 4285	Lot 3 Plan RP17864
		SP471 Settlers Drive, KALBAR 4309	Lot 999 Plan SP210694

Attachments

- Code of environmental compliance for certain aspects of sewage treatment activities (ERA 63) Version 1

END OF ENVIRONMENTAL AUTHORITY

Code of environmental compliance

ERA 63(2)—Sewage treatment (sewage pump station)

This code of environmental compliance (code) continues to apply under s.191 of the Environmental Protection Regulation 2019. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994*, for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

Refer to the notes on the next page for important information about changes to how this code applies.

ABN 46 640 294 485

Queensland Government

Notes:

This code refers to ERA 63(3) for sewage pump station. On 31 March 2013, ERA 63 was amended and ERA 63(3) became ERA 63(2).

This code refers to the Environmental Protection Regulation 2008, which was repealed and replaced by the Environmental Protection Regulation 2019 on 1 September 2019. A reference to the repealed regulation or a repealed provision in this code should be read as a reference to the replacement regulation or the corresponding provision in the replacement regulation.

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions (an ERA Standard) for the ERA until a new ERA Standard take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone who held a registration certificate to operate under this code immediately before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate became an environmental authority and the standard environmental conditions of this code are the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994*, for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities

(ERA 63)

Version 1

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections.
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded.
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification.
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided.
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint.
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au.
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following; pump-failure alarms or level alarms for sewage contained in the pump well.
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity.
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station.

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994*.

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means— 'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.2. EPVX01818814 - Somerset

08-JAN-2014

Queensland Government

Department of
Environment and Heritage Protection

To: Central SEQ Distributor - Retailer Authority
T/A Queensland Urban Utilities
C/- GPO Box 2765
BRISBANE QLD 4001

Email: cameron.jackson@urbanutilities.com.au

Attention: Mr Cameron Jackson

Your reference:
Our reference: 353060

Application details

I refer to the application that was received by the administering authority on 08-JAN-2014.

Land description:

Sewage Pump Station Ref	Address	Lot on Plan
SP385	56 Bellambi St TOOGOOLAWAH	Lot 29 RP7740
SP390	Road corridor adjacent to Ethel St KILCOY	Lot 18 K3798
SP394	Showgrounds Rd WOOLMAR	Lot 1 SP202820
SP396	Road corridor adjacent to 72 Creek St ESK	Lot 1 RP171695
SP397	Banks Creek Rd FERNVALE	Lot 1 CC814366
SP399	Schmidt Rd FERNVALE	Lot 1 CC814366
SP463	Road corridor adjacent to 16 Daniel St LOWOOD	Lot 103 CC3400
SP465	Macadamia Dr LOWOOD	Lot 201 RP886140
SP467	Lindemans Rd LOWOOD	Lot 59 RP854663
SP468	3249 Forest Hill Fernvale Rd LOWOOD	Lot 1 RP138867

Decision

Your application has been approved and your environmental authority (reference EPVX01818814) is attached.

SCSQ

John Rice
ES-RSD-SER-Ipswich
PO Box 875
Level 1/114 Brisbane Street
IPSWICH QLD 4305
Phone: (07) 3381 7550
Fax: (07) 3381 7560
Email: John.Rice@ehp.qld.gov.au
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Additional comments or advice

You are advised that if you are not the owner of the land to which the environmental authority relates, you have 10 business days from receipt of this environmental authority to give each owner of the land, written notice that you have been issued this environmental authority.

Should you have any further enquiries, please contact John Rice on telephone (07) 3381 7550.

Yours sincerely

	08 January 2014
Signature	Date

Scott Blanchard
Department of Environment and Heritage Protection
Delegate of the Administering Authority
Environmental Protection Act 1994

Enclosed

Permit - Environmental Authority (reference EPVX01818814)

Permit[1]

Environmental Protection Act 1994

Environmental authority

Thisenvironmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPVX01818814

Environmental authority takes effect on: 08 January 2014

The first annual fee is payable within 20 business days of the effective date.

The anniversary date of this environmental authority is: 08 January.

Environmental authority holder(s)

Name	Registered address
Central SEQ Distributor - Retailer Authority T/A Queensland Urban Utilities	15 Green Square Close FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity	Location(s)	
ERA 63 Sewage treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 Kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	56 Bellambi St TOOGOOLAWAH	Lot 29 RP7740
	Road corridor adjacent to Ethel St KILCOY	Lot 18 K3798
	Showgrounds Rd WOOLMAR	Lot 1 SP202820
	Road corridor adjacent to 72 Creek St ESK	Lot 1 RP171695
	Banks Creek Rd FERNVALE	Lot 1 CC814366
	Schmidt Rd FERNVALE	Lot 1 CC814366
	Road corridor adjacent to 16 Daniel St LOWOOD	Lot 103 CC3400
	Macadamia Dr LOWOOD	Lot 201 RP886140
	Lindemans Rd LOWOOD	Lot 59 RP854663
	3249 Forest Hill Fernvale Rd LOWOOD	Lot 1 RP138867

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

	08 January 2014
Signature	Date

Scott Blanchard
Department of Environment and Heritage Protection
Delegate of the Chief Executive
Environmental Protection Act 1994

Enquiries:
John Rice
Department of Environment and Heritage Protection
Environmental Services and Regulation
Southern Region West - Ipswich
PO Box 875, IPSWICH QLD 4305
Level 1, 114 Brisbane St, IPSWICH QLD 4305
Phone: (07) 338 7550
Fax: (07) 3381 7560
Email: John.Rice@ehp.qld.gov.au
Web: http://www.ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)
- Variations to the standard conditions are:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and (c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.
24	**Responding to potential releases** By 1 January 2017, the **operator** must ensure that there are appropriate physical systems in place to anticipate a potential releases from all sewage pumping stations to which this authority relates.

END OF PERMIT

Attachments

- *Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63).*

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994, *for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions for the ERA until new eligibility criteria and standard conditions take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone holding a registration certificate to operate under this code before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate becomes an environmental authority and the standard environmental conditions of this code will be the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

ABN 46 640 294 485

Great state. Great opportunity.

Queensland Government

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections.
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded.
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification.
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided.
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint.
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au.
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following: pump-failure alarms or level alarms for sewage contained in the pump well.
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity.
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station.

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994.*

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance. Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means—
'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.3. EPVX01651313 - Scenic Rim

Permit[1]

Environmental Protection Act 1994

Environmental authority

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPVX01651313

Environmental authority takes effect on the day the environmental authority is issued.

The first annual fee is payable within 20 business days of the effective date.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently $551.00 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Central SEQ Distributor - Retailer Authority T/A Queensland Urban Utilities	15 Green Square Close FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)	
63-(2) Sewage treatment - pumping station (1)(b)	Athol Terrace, BOONAH 4310	Lot 1 Plan RP118838
	Boonah Rathdowney Road, DUGANDAN 4310	Lot 15 Plan SP201566
	Brayford Park, BEAUDESERT 4285	Lot 2 Plan RP826229
	Central Park Cedar Drive,BEAUDESERT 4285	Lot 106 Plan RP169885
	Christie Street,CANUNGRA 4275	Lot 10 Plan SP238303
	Countrywide Estate, CANUNGRA 4275	Lot 900 Plan RP889577
	Drumley Street, BEAUDESERT 4285	Lot 22 Plan SP238306
	Elliott Road, BOONAH 4310	Lot 189 Plan SP238044
	Equestrian Centre, Ogilvie Pl, KOORALBYN 4285	Lot 3 Plan RP17864
	Hopkins Street, BEAUDESERT 4285	Lot 3 Plan SP238038
	Hoya Road, HOYA 4310	Lot 4 Plan SP220324
	Industrial Drive, BEAUDESERT 4285	Lot 17 Plan SP181853
	Moriarty Park, CANUNGRA 4275	Lot 90 Plan WD5627
	Mt French Road, BOONAH 4310	Lot 329 Plan SP140084
	Robson Road, BOONAH 4310	Lot 99 Plan SP204358
	Settlers Drive, KALBAR 4309	Lot 999 Plan SP210694
	Teviot Street, BOONAH 4310	Lot 8 Plan RP115862
	Tullamore (Country Club Est) Aspen Way, GLENEAGLE 4285	Lot 604 Plan SP101764

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

Additional information for applicants

Environmentally relevant activities

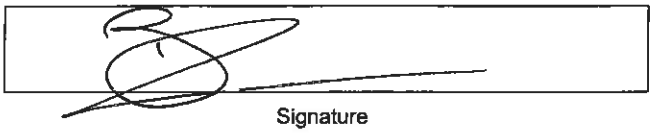
The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

20/11/2013

Date

Brett Glosko
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Amy Lewis
PO Box 4244
ROBINA TOWN CENTRE QLD 4230
Level 1, APVC Building, 14 Edgewater Court
ROBINA QLD 4226
Phone: (07) 5583 2139
Fax: (07) 5583 2136
Email: amy.lewis@ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- **Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)**
- Variations to the standard conditions include:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) The release is as a result of a wet weather event; and (b) The hydraulic flow into the sewage pump station exceeds the peak design capacity of the operational sewage pump(s) at the time the sewage is released; and (c) All reasonable and practicable measures have been taken to prevent the release; and (d) The administering authority has been notified in accordance with condition 11.
24	**Responding to potential releases** Within three (3) years of the date this approval takes effect, the **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.

END OF PERMIT

Attachments

- *Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)*

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994, *for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions for the ERA until new eligibility criteria and standard conditions take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone holding a registration certificate to operate under this code before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate becomes an environmental authority and the standard environmental conditions of this code will be the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

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Queensland Government

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following, pump-failure alarms or level alarms for sewage contained in the pump well
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994*.

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means— 'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.4. EPVX02148714 - Lockyer Valley

Queensland Government

Department of
Environment and Heritage Protection

30-MAY-2014

To: Central SEQ Distributer-Retailer Authority
(Queensland Urban Utilities)
GPO Box 2756
BRISBANE QLD 4001

Att: Cameron Jackson

Telephone: (07) 3855 6657
Facsimile: (07) 3855 6099
Email: Cameron.Jackson@urbanutilities.com.au

Your reference:
Our reference: 415855

Application details

I refer to the application that was received by the administering authority on 23-APR-2014.

Land description:

SPS ID	Street Address	Lot	Plan
SP405	16 Air Force Rd Helidon	1	RP188516
SP406	3 George St Helidon	22	SP172577
SP407	School St Helidon	19	CP903641
SP408	Cnr Eastern Dr & Cresent St Gatton	362	SP117133
SP409	23 East St Gatton	11	CC807888
SP410	23 Logan St Gatton	210	SP103431
SP411	Lake Apex Dr Gatton	2	RP802604
SP412	Industrial Rd Gatton	8	SP176178
SP413	Industrial Rd Gatton	10	SP176178
SP414	41 Hennessy St Gatton	194	CC3592
SP415	Golf Links Dr Gatton	7	SP222073

John Rice
ES-RSD-SER-Ipswich
PO Box 875
Level 1/114 Brisbane Street
IPSWICH QLD 4305
Phone: (07) 3381 7550
Fax: (07) 3381 7560
Email: John.Rice@ehp.qld.gov.au
Website **www.ehp.qld.gov.au**
ABN 46 640 294 485

SPS ID	Street Address	Lot	Plan
SP416	89 Western Dr Gatton	7	SP118273
SP417	Hennessy St Gatton	201	RP853238
SP418	2 Woodlands Rd Gatton	1	RP168582
SP419	Sharoy Ct Placid Hills	302	SP233610
SP420	Karrasch's Rd Placid Hills	301	SP233610
SP422	267 Patrick St Laidley	4	SP162376
SP423	Napier St Laidley	3	RP113010
SP426	Laidley Plainland Rd Laidley North	499	SP197170
SP428	Railway St Forest Hill	302	CC2095
SP429	Gordon St Forest Hill	13	RP65305

Decision

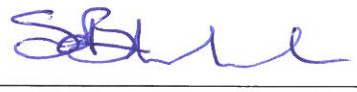
Your application has been approved and your environmental authority (reference EPVX02148714) is attached.

Additional comments or advice

You are advised that if you are not the owner of the land to which the environmental authority relates, you have 10 business days from receipt of this environmental authority to give each owner of the land, written notice that you have been issued this environmental authority.

Should you have any further enquiries, please contact John Rice on telephone (07) 3894 8159.

Yours sincerely

	30 May 2014
Signature	Date

Scott Blanchard
Department of Environment and Heritage Protection
Delegate of the Administering Authority
Environmental Protection Act 1994

Enclosed

Permit - Environmental Authority (reference EPVX02148714)

Permit[1]

Environmental Protection Act 1994

Environmental authority

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPVX02148714

Environmental authority takes effect on: 30 May 2014

The first annual fee is payable within 20 business days of the anniversary date.

The anniversary date of this environmental authority is: 30 May.

Environmental authority holder(s)

Name	Registered address
Central SEQ Distributor - Retailer Authority t/a Queensland Urban Utilities	15 Green Square Close FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity	Street address	Lot on Plan
ERA 63 Sewage treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 Kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	16 Air Force Rd Helidon	Lot 1 on RP188516
	3 George St Helidon	Lot 22 on SP172577
	School St Helidon	Lot 19 on CP903641
	Cnr Eastern Dr & Cresent St Gatton	Lot 362 on SP117133
	23 East St Gatton	Lot 11 on CC807888
	23 Logan St Gatton	Lot 210 on SP103431
	Lake Apex Dr Gatton	Lot 2 on RP802604
	Industrial Rd Gatton	Lot 8 on SP176178
	Industrial Rd Gatton	Lot 10 on SP176178
	41 Hennessy St Gatton	Lot 194 on CC3592
	Golf Links Dr Gatton	Lot 7 on SP222073
	89 Western Dr Gatton	Lot 7 on SP118273
	Hennessy St Gatton	Lot 201 on RP853238
	2 Woodlands Rd Gatton	Lot 1 on RP168582
	Sharoy Ct Placid Hills	Lot 302 on SP233610
	Karrasch's Rd Placid Hills	Lot 301 on SP233610

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

Environmentally relevant activity	Street address	Lot on Plan
ERA 63 Sewage treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 Kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	267 Patrick St Laidley	Lot 4 on SP162376
	Napier St Laidley	Lot 3 on RP113010
	Laidley Plainland Rd Laidley North	Lot 499 on SP197170
	Railway St Forest Hill	Lot 302 on CC2095
	Gordon St Forest Hill	Lot 13 on RP65305

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

	30 May 2014
Signature	Date

Scott Blanchard
Department of Environment and Heritage Protection
Delegate of the Chief Executive
Environmental Protection Act 1994

Enquiries:
John Rice
Department of Environment and Heritage Protection
Environmental Services and Regulation
Southern Region West - Ipswich
PO Box 875, IPSWICH QLD 4305
Phone: (07) 3894 8159
Email: John.Rice@ehp.qld.gov.au
Web: http://www.ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)
- Variations to the standard conditions, which apply only to the sites described in Column of the following table, are:

Condition number	Condition	Site to which variation condition applies.
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a result of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and (c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.	All sites to which environmental authority relates
24	**Responding to potential releases** By 1 January 2017, the **operator** must ensure that there are appropriate physical systems in place to anticipate a potential releases from all sewage pumping stations to which this authority relates.	SP412 – Industrial Road Gatton (Lot 8 on SP176178) only

END OF PERMIT

Attachments

- *Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63).*

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994, *for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions for the ERA until new eligibility criteria and standard conditions take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone holding a registration certificate to operate under this code before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate becomes an environmental authority and the standard environmental conditions of this code will be the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

ABN 46 640 294 485

Great state. Great opportunity.

Queensland Government

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections.
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded.
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification.
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided.
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint.
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au.
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following; pump-failure alarms or level alarms for sewage contained in the pump well.
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity.
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station.

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994.*

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means— 'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.5. EPVX02148914 - Ipswich

Notice

Environmental Protection Act 1994

Amendment of an environmental authority by the administering authority

This notice is issued by the administering authority[1], pursuant to 215 of the Environmental Protection Act 1994 *to advise that an environmental authority is being amended.*

To: Central SEQ Distributor - Retailer Authority
T/A Queensland Urban Utilities
171 Roma St
BRISBANE CITY QLD 4000

Email: cameron.jackson@urbanutilities.com.au

Attention: Mr Cameron Jackson

Your reference: EPVX021489147
Our reference: 415857

Amendment of an environmental authority as agreed by the environmental authority holder

1. **Environmental authority details**

Environmental authority number EPVX02148914 dated 01-Mar-2016.

Land description:

Ipswich Region Lot 5 Plan SP198444, Lot 214 Plan SP104190, Lot 502 Plan SP231927, Lot 1 Plan RP57571, Lot 648 Plan SP160729, Lot 901 Plan SP238636, Lot 1 Plan RP854996, Lot 1 Plan RP162110, Lot 1 Plan RP215979, Lot 2 Plan RP199622, Lot 1 Plan SP230100, Lot 0 Plan SP160085, Lot 24 Plan SP185920, Lot 449 Plan I120725, Lot 2 Plan RP164517, Lot 2 Plan SP229584, Lot 6 Plan RP218528, Lot 8 Plan SP118670, Lot 1 Plan RP145746, Lot 1 Plan RP199225, Lot 190 Plan M311, Lot 1 Plan S151814, Lot 33 Plan RP218474, Lot 7 Plan SP234916, Lot 2 Plan SP208100, Lot 61 Plan SP147847, Lot 11 Plan RP115688, Lot 21 Plan SP137006, Lot 902 Plan SP195478, Lot 1 Plan RP129154, Lot 642 Plan CC2546, Lot 1 Plan SP142073, Lot 1 Plan SP230093, Lot 52 Plan RP218481, Lot 4 Plan SP189550, Lot 2 Plan SP230092, Lot 1 Plan RP199619, Lot 505 Plan RP144075, Lot 2 Plan RP164666, Lot 4 Plan RP131545, Lot 1 Plan RP66297, Lot 1 Plan RP227119, Lot 1 Plan RP184251, Lot 109 Plan M111810, Lot A Plan AP21145, Lot 3 Plan RP155060, Lot 1 Plan RP161486, Lot 10 Plan SP180876, Lot 4 Plan RP230015, Lot 3 Plan RP79677, Lot 700 on SP267556, Lot 8 on SP184687, Lot 1 on SP230099.

[1] The Department of Environment and Heritage Protection is the administering authority under the *Environmental Protection Act 1994.*

2. **Amendment**

The administering authority has made the following amendments to the environmental authority, as agreed to in an email by the environmental authority (EA) holder on the 22nd April 2016: two columns ("Pump Station ID" and "Address") were added to the table with activity locations as per the request of the EA holder:

Environmentally relevant activity	Pump Station ID	Address	Lot/Plan
ERA 62 Sewage Treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	**SP320**	1 Old Toowoomba Rd, Leichhardt	Lot 24 SP185920
	SP321	120 Berry St, Yamanto	Lot 2, SP230092
	SP322	62 Hanlon St, Bundamba	Lot 1, SP230099
	SP323	Videroni St, Silkstone	Lot 449, I120725
	SP326	14 Queen St, Blackstone	Lot 1, RP145746
	SP327	15 Nelson St, Bundamba	Lot 5, SP198444
	SP330	2 Chalk St, Leichhardt	Lot 2, SP208100
	SP331	6 Lobley St, Ipswich	Lot 1, RP199619
	SP332	Hudson St, Dinmore	Lot A, AP21145
	SP333	113 Ashburn Rd, Bundamba	Lot 1, RP854996
	SP334	81 Riverview Rd, Riverview	Lot 2, RP164517
	SP335	7 Sutton St, Churchill	Lot 61, SP147847
	SP336	49 Lobb St, Churchill	Lot 1, RP129154
	SP338	Cobalt St, Carole Park	Lot 214, SP104190
	SP340	Candowie St, Redbank Plains	Lot 505, RP144075
	SP341	30 Riverview Rd, Riverview	Lot 3, RP155060
	SP342	11 Moggill Ferry Rd, Riverview	Lot 2, RP164666
	SP343	20 McAuliffe St, Redbank	Lot 502, SP231927
	SP344	2b Brisbane Rd, Redbank	Lot 1, RP161486
	SP345	330 Brisbane Tce, Goodna	Lot 1, RP162110
	SP346	Road corridor Monash Rd, Goodna	Lot 190, M311
	SP347	2-74 Kruger Pde, Redbank	Lot 2, SP229584
	SP348	12 Bassett Lane, Rosewood	Lot 4, RP131545

SP350	1 Roseberry Pde, Woodend	Lot 10, SP180876
SP351	Kent st, Tivoli	Lot 1, SP142073
SP352	209 Chermside Rd, East Ipswich	Lot 1, RP66297
SP353	47b Tiger St, West Ipswich	Lot 1, RP57571
SP354	3 Boundary St, Moores Pocket	Lot 11, RP115688
SP355	Mihi Junction Reserve, Collins St Brassall	Lot 6, RP218528
SP356	18a Blackall St, East Ipswich	Lot 1, SP230093
SP357	163 Mount Crosby Rd, North Tivoli	Lot 1, RP215979
SP358	73 Mount Crosby Rd, Tivoli	Lot 1, S151814
SP359	166 Chalk St, Wulkuraka	Lot 648, SP160729
SP360	100 Francis St, North Ipswich	Lot 2, RP199622
SP361	23a Luckie Cr, Tivoli	Lot 1, RP227119
SP362	Moores Pocket Rd, Moores Pocket	Lot 52, RP218481
SP363	15 Harris St, Tivoli	Lot 1, RP184251
SP364	47 Boundary St, Moores Pocket	Lot 4, RP230015
SP367	12 Waxberry Ct, Redbank Plains	Lot 21, SP137006
SP368	72 Swallowtail Cr, Springfield Lakes	Lot 1, SP230100
SP369	92 Junction Rd, Karalee	Lot 8, SP184687
SP370	Road/Other corridor, Rosewood	Lot 3, RP79677
SP371	63 Powells Rd, Yamanto	Lot 901, SP238636
SP373	19 Springfield College Dr, Springfield	Lot 0, SP160085
SP374	2-34 Junction Rd, Karalee	Lot 8, SP118670
SP375	33 Oxford St, North Booval	Lot 902, SP195478
SP377	68 Brisbane Tce, Goodna	Lot 7, SP234916
SP378	Saleyard Rd, Yamanto	Lot 1, RP199225

	SP379	44 Waterford Rd, Gailes	Lot 4, SP189550
	SP381	221-233 Briggs Rd, Flinders View	Lot 2, RP97218
	SP382	49 Noblevale Way, Blackstone	Lot 37, SP257496
	SP383	Monash Rd, Redbank	Lot 700, SP267556
	SP384	Nevis St, Ripley	Lot 2, RP229319
	SP473	1082-1138 Ipswich-Rosewood Rd, Rosewood	Lot 2, RP128580

The amended environmental authority is enclosed with this notice.

CMooney
Signature

5/5/16
Date

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

Enquiries:
Department of Environment and Heritage Protection
Heritage, Utilities and Government Organisations Assessment GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Email: palm@ehp.qld.gov.au

Attachments

Amended environmental authority (reference EPVX02148914)

Permit[1]

Environmental Protection Act 1994

Environmental authority

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPVX02148914

The environmental authority takes effect with the signing by the delegate.

The anniversary date of this environmental authority remains on **30th May of each year**.

Environmental authority holder(s)

Name	Registered address
Central SEQ Distributor - Retailer Authority T/A Queensland Urban Utilities	Level 2 15 Green Square Close FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity	Pump Station ID	Address	Lot/Plan
ERA 62 Sewage Treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	**SP320**	1 Old Toowoomba Rd, Leichhardt	Lot 24 SP185920
	SP321	120 Berry St, Yamanto	Lot 2, SP230092
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	SP323	Videroni St, Silkstone	Lot 449, I120725
	SP326	14 Queen St, Blackstone	Lot 1, RP145746
	SP327	15 Nelson St, Bundamba	Lot 5, SP198444
	SP330	2 Chalk St, Leichhardt	Lot 2, SP208100
	SP331	6 Lobley St, Ipswich	Lot 1, RP199619
	SP332	Hudson St, Dinmore	Lot A, AP21145
	SP333	113 Ashburn Rd, Bundamba	Lot 1, RP854996

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

SP334	81 Riverview Rd, Riverview	Lot 2, RP164517
SP335	7 Sutton St, Churchill	Lot 61, SP147847
SP336	49 Lobb St, Churchill	Lot 1, RP129154
SP338	Cobalt St, Carole Park	Lot 214, SP104190
SP340	Candowie St, Redbank Plains	Lot 505, RP144075
SP341	30 Riverview Rd, Riverview	Lot 3, RP155060
SP342	11 Moggill Ferry Rd, Riverview	Lot 2, RP164666
SP343	20 McAuliffe St, Redbank	Lot 502, SP231927
SP344	2b Brisbane Rd, Redbank	Lot 1, RP161486
SP345	330 Brisbane Tce, Goodna	Lot 1, RP162110
SP346	Road corridor Monash Rd, Goodna	Lot 190, M311
SP347	2-74 Kruger Pde, Redbank	Lot 2, SP229584
SP348	12 Bassett Lane, Rosewood	Lot 4, RP131545
SP350	1 Roseberry Pde, Woodend	Lot 10, SP180876
SP351	Kent st, Tivoli	Lot 1, SP142073
SP352	209 Chermside Rd, East Ipswich	Lot 1, RP66297
SP353	47b Tiger St, West Ipswich	Lot 1, RP57571
SP354	3 Boundary St, Moores Pocket	Lot 11, RP115688
SP355	Mihi Junction Reserve, Collins St Brassall	Lot 6, RP218528
SP356	18a Blackall St, East Ipswich	Lot 1, SP230093
SP357	163 Mount Crosby Rd, North Tivoli	Lot 1, RP215979
SP358	73 Mount Crosby Rd, Tivoli	Lot 1, S151814
SP359	166 Chalk St, Wulkuraka	Lot 648, SP160729
SP360	100 Francis St, North Ipswich	Lot 2, RP199622
SP361	23a Luckie Cr, Tivoli	Lot 1, RP227119
SP362	Moores Pocket Rd, Moores Pocket	Lot 52, RP218481

	SP363	15 Harris St, Tivoli	Lot 1, RP184251
	SP364	47 Boundary St, Moores Pocket	Lot 4, RP230015
	SP367	12 Waxberry Ct, Redbank Plains	Lot 21, SP137006
	SP368	72 Swallowtail Cr, Springfield Lakes	Lot 1, SP230100
	SP369	92 Junction Rd, Karalee	Lot 8, SP184687
	SP370	Road/Other corridor, Rosewood	Lot 3, RP79677
	SP371	63 Powells Rd, Yamanto	Lot 901, SP238636
	SP373	19 Springfield College Dr, Springfield	Lot 0, SP160085
	SP374	2-34 Junction Rd, Karalee	Lot 8, SP118670
	SP375	33 Oxford St, North Booval	Lot 902, SP195478
	SP377	68 Brisbane Tce, Goodna	Lot 7, SP234916
	SP378	Saleyard Rd, Yamanto	Lot 1, RP199225
	SP379	44 Waterford Rd, Gailes	Lot 4, SP189550
	SP381	221-233 Briggs Rd, Flinders View	Lot 2, RP97218
	SP382	49 Noblevale Way, Blackstone	Lot 37, SP257496
	SP383	Monash Rd, Redbank	Lot 700, SP267556
	SP384	Nevis St, Ripley	Lot 2, RP229319
	SP473	1082-1138 Ipswich-Rosewood Rd, Rosewood	Lot 2, RP128580

'Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the chief executive if they become aware of the following:

- a notifiable activity (as defined in Schedule 3) that is being, or has been, carried out on the land (notice must be given within 20 business days)
- an event involving a hazardous contaminant on the land, or a change in the condition of the contaminated land, that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours).

For further information, including the form for giving written notice, refer to the Queensland Government website http://www.qld.gov.au/ (using the search term 'managing contaminated land').

CMooney

Signature

5/5/16

Date

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

Enquiries:
Department of Environment and Heritage Protection
Heritage, Utilities and Government Organisations Assessment GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Email: palm@ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

Environmentally relevant activity and location details

Environmentally relevant activity	Pump Station ID	Address	Lot/Plan
ERA 62 Sewage Treatment Threshold 2 – operating a sewage pumping station with a total design capacity of more than 40 kilolitres per hour, if the operation of the sewage pumping station is not an essential part of the operation of a sewage treatment works.	**SP320**	1 Old Toowoomba Rd, Leichhardt	Lot 24 SP185920
	SP321	120 Berry St, Yamanto	Lot 2, SP230092
	SP322	62 Hanlon St, Bundamba	Lot 1, SP230099
	SP323	Videroni St, Silkstone	Lot 449, I120725
	SP326	14 Queen St, Blackstone	Lot 1, RP145746
	SP327	15 Nelson St, Bundamba	Lot 5, SP198444
	SP330	2 Chalk St, Leichhardt	Lot 2, SP208100
	SP331	6 Lobley St, Ipswich	Lot 1, RP199619
	SP332	Hudson St, Dinmore	Lot A, AP21145
	SP333	113 Ashburn Rd, Bundamba	Lot 1, RP854996
	SP334	81 Riverview Rd, Riverview	Lot 2, RP164517
	SP335	7 Sutton St, Churchill	Lot 61, SP147847
	SP336	49 Lobb St, Churchill	Lot 1, RP129154
	SP338	Cobalt St, Carole Park	Lot 214, SP104190
	SP340	Candowie St, Redbank Plains	Lot 505, RP144075

SP341	30 Riverview Rd, Riverview	Lot 3, RP155060
SP342	11 Moggill Ferry Rd, Riverview	Lot 2, RP164666
SP343	20 McAuliffe St, Redbank	Lot 502, SP231927
SP344	2b Brisbane Rd, Redbank	Lot 1, RP161486
SP345	330 Brisbane Tce, Goodna	Lot 1, RP162110
SP346	Road corridor Monash Rd, Goodna	Lot 190, M311
SP347	2-74 Kruger Pde, Redbank	Lot 2, SP229584
SP348	12 Bassett Lane, Rosewood	Lot 4, RP131545
SP350	1 Roseberry Pde, Woodend	Lot 10, SP180876
SP351	Kent st, Tivoli	Lot 1, SP142073
SP352	209 Chermside Rd, East Ipswich	Lot 1, RP66297
SP353	47b Tiger St, West Ipswich	Lot 1, RP57571
SP354	3 Boundary St, Moores Pocket	Lot 11, RP115688
SP355	Mihi Junction Reserve, Collins St Brassall	Lot 6, RP218528
SP356	18a Blackall St, East Ipswich	Lot 1, SP230093
SP357	163 Mount Crosby Rd, North Tivoli	Lot 1, RP215979
SP358	73 Mount Crosby Rd, Tivoli	Lot 1, S151814
SP359	166 Chalk St, Wulkuraka	Lot 648, SP160729
SP360	100 Francis St, North Ipswich	Lot 2, RP199622
SP361	23a Luckie Cr, Tivoli	Lot 1, RP227119
SP362	Moores Pocket Rd, Moores Pocket	Lot 52, RP218481
SP363	15 Harris St, Tivoli	Lot 1, RP184251
SP364	47 Boundary St, Moores Pocket	Lot 4, RP230015
SP367	12 Waxberry Ct, Redbank Plains	Lot 21, SP137006
SP368	72 Swallowtail Cr, Springfield Lakes	Lot 1, SP230100

SP369	92 Junction Rd, Karalee	Lot 8, SP184687
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SP375	33 Oxford St, North Booval	Lot 902, SP195478
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SP378	Saleyard Rd, Yamanto	Lot 1, RP199225
SP379	44 Waterford Rd, Gailes	Lot 4, SP189550
SP381	221-233 Briggs Rd, Flinders View	Lot 2, RP97218
SP382	49 Noblevale Way, Blackstone	Lot 37, SP257496
SP383	Monash Rd, Redbank	Lot 700, SP267556
SP384	Nevis St, Ripley	Lot 2, RP229319
SP473	1082-1138 Ipswich-Rosewood Rd, Rosewood	Lot 2, RP128580

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions, for the environmentally relevant activity conducted at the locations described above, contained within the attached document entitled:

- "Code of environmental compliance for certain aspects * of sewage treatment activities (ERA63) – Version 1"
- Variations to the standard conditions include:

Condition number	Condition
10	**Release to land and waters** The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity. The only exception to this condition is that a sewage release to land or waters (including the bed and banks of any waters) may occur as a results of the activity only when all of the following apply: (a) the release is as a result of a wet weather event; and (b) the hydraulic flow into the sewage pump station exceeds the peak design capacity of the sewage pump(s) at the time the contaminants are released; and

	(c) all reasonable and practicable measures have been taken to prevent the release; and (d) the administering authority has been notified in accordance with condition 11.

Attachments

- "Code of environmental compliance for certain aspects * of sewage treatment activities (ERA63) – Version 1"

END OF PERMIT

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994, *for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions for the ERA until new eligibility criteria and standard conditions take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone holding a registration certificate to operate under this code before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate becomes an environmental authority and the standard environmental conditions of this code will be the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections.
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded.
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification.
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided.
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint.
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au.
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following; pump-failure alarms or level alarms for sewage contained in the pump well.
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity.
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station.

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994*.

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means—
'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.6. EPVX02272714 - Brisbane

Queensland Government

Department of
Environment and Heritage Protection

04-August-2014

To: Central SEQ Distributor – retailer Authority
Trading as Queensland Urban Utilities
GPO Box 2765
Brisbane QLD 4001

Email: Cameron.jackson@urbanutilities.com.au

Attention: Cameron Jackson

Your reference: AR059209
Our reference: EPVX02272714

Application details

I refer to the application that was received by the administering authority on 6 June 2014.

Land description:

Pump Station ID	Locality	Lot	Plan
SP005	46 GODWIN ST BULIMBA	53	RP12532
SP007	33A FEROL ST COORPAROO	139	RP110090
SP008	61A ABERDEEN PDE BOONDALL	1	RP112504
SP009	147A MACARTHUR AV HAMILTON	868	SL4540
SP010	826 KINGSFORD SMITH DR EAGLE FARM	56	RP33804
SP011	1015 STANLEY ST EAST BRISBANE	1	RP65734
SP016	4 GORDON ST HAWTHORNE	2	RP56171
SP018	36 CARNELIAN ST HOLLAND PARK	477	SL3983
SP019	303 CENTENARY HWY JINDALEE	92	RP105603
SP020	56 ALEXANDER ST LOTA	2	SP190113
SP021	350 UPPER ESP MANLY	48	RP33017
SP023	148A EDMONDSTONE ST WILSTON	2	RP86518
SP024	35A WENDELL ST NORMAN PARK	3	RP151605
SP025	12 SCOTT ST NORMAN PARK	346	RP12500

SCSQ

ES-RSD-SER-Brisbane South
LeveL 8 400 George Street
GPO Box 2454
BRISBANE CITY QLD 4000
Phone: (07) 3339 5586
Andrew.Fielding@ehp.qld.gov.au
Website **www.ehp.qld.gov.au**
ABN 46 640 294 485

SP033	53 GRANADA ST WYNNUM	2	RP33074
SP034	73 SANDY CAMP RD WYNNUM	1	RP100939
SP037	363A BEAMS RD TAIGUM	1	RP99014
SP040	160 GEM RD KENMORE	2	RP113905
SP042	33 BELTANA ST LOTA	359	RP33228
SP043	60A ST CONEL ST NUDGEE	2	RP124678
SP044	186 LYTTON RD EAST BRISBANE	286	SL2560
SP045	705 FIG TREE POCKET RD FIG TREE POCKET	1	RP165938
SP046	21A BOTTICELLI ST FIG TREE POCKET	1	RP110724
SP047	1701 CREEK RD CANNON HILL	3	RP192319
SP049	50A KIANAWAH RD WYNNUM WEST	1	RP112526
SP050	99 MOUNT OMMANEY DR JINDALEE	1	RP119961
SP053	178 KAMARIN ST LOTA	1	RP201640
SP055	STANLEY RD CARINA	421	SP223110
SP056	34A PERKINS ST SANDGATE	263	SP114160
SP057	2A POMONA ST BRIGHTON	333	SL8314
SP058	78 TOWNSEND ST BRIGHTON	12	RP29077
SP059	58A WHARF ST SHORNCLIFFE	1	RP111400
SP060	65A PARK PDE SHORNCLIFFE	2	SL5333
SP062	36A DEPOT RD DEAGON	128	SP245843
SP063	35 ASTOLAT ST YERONGA	3	SP175544
SP064	51 ORTIVE ST YERONGA	32	RP37952
SP065	55A STEVENS ST YERONGA	2	RP118628
SP068	79 TUFNELL RD BANYO	49	RP114374
SP071	50 ESPLANADE YERONGA	100	CP868497
SP072	28 ORMUZ RD YERONGA	92	RP37194
SP073	58 CASSIA LANE YERONGA	40	RP84562
SP075	110 KILKIVAN AV KENMORE	45	SP149006
SP078	1938 SANDGATE RD VIRGINIA	13	RP145534
SP081	160 WITTON RD INDOOROOPILLY	57	SL7293
SP083	30 NORTH RD WYNNUM WEST	18	RP213402
SP085	32A PRITCHARD ST LYTTON	516	SL7031
SP086	249 INDOOROOPILLY RD TARINGA	131	RP852706
SP087	26A RAILWAY ST NUDGEE	1	RP128036
SP088	110 CLIVEDEN AV CORINDA	6	RP95353
SP089	17 HALL ST BRIGHTON	11	RP92073
SP090	7 FERGUSON ST BRIGHTON	7	RP105557
SP098	54 FOXTON ST INDOOROOPILLY	0	SP107763
SP099	68 BENSON ST TOOWONG	2	RP106099
SP100	96 GOLDIESLIE RD INDOOROOPILLY	4	RP803072
SP103	38B INDOOROOPILLY RD TOOWONG	1	RP18765
SP105	26 LANDERS POCKET RD BANYO	38	RP208497
SP108	86A JARROTT ST CHELMER	8	RP187663
SP109	29 REGATTA ST CHELMER	5	SP141283
SP110	8 LONG ST GRACEVILLE	1	RP73195

SP111	1B MERLIN ST TENNYSON	101	SP122207
SP112	1182 WYNNUM RD MURARRIE	4	RP72364
SP113	14 TWIGG ST INDOOROOPILLY	6	RP102749
SP115	2A TURNER ST SHERWOOD	2	RP125701
SP116	1 JOSEPH ST SHERWOOD	1	M314
SP117	12 SALTASH ST VIRGINIA	22	SP236215
SP118	74 SANDFORD ST ST LUCIA	93	RP40740
SP119	6A MACQUARIE ST ST LUCIA	2	RP129611
SP120	196 ASHRIDGE RD DARRA	26	RP29723
SP121	119 THE ESPLANADE ST LUCIA	21	RP67379
SP122	37 THE ESPLANADE ST LUCIA	2	RP99585
SP126	8 YOUNGS RD HEMMANT	4	RP151176
SP127	17 BOUGAINVILLEA AV INDOOROOPILLY	39	RP84920
SP129	51 IVY ST INDOOROOPILLY	6	RP96580
SP130	35 VILLIERS ST TINGALPA	66	RP32985
SP131	15 MCBRIDE RD PINKENBA	3	RP70956
SP132	44 DOUGHBOY PDE HEMMANT	1	SL2423
SP133	23 PORTER ST HEMMANT	58	RP32967
SP136	28 ORSOVA ST PINKENBA	501	SP215079
SP139	39 MILES ST BALD HILLS	338	RP29026
SP140	CULLEN AVENUE WEST EAGLE FARM	1	PER5814
SP141	116 HOLT ST PINKENBA	931	SL12154
SP142	108 FISON AV EAGLE FARM	6	SP141214
SP143	140 LINKS AV EAGLE FARM	0	BUP5643
SP144	LAVARACK AVENUE EAGLE FARM	1	PER5814
SP145	FISON AVENUE EAGLE FARM	1	PER5814
SP146	1309 KINGSFORD SMITH DR PINKENBA	632	SL8427
SP147	17 SUGARMILL RD PINKENBA	2	RP199034
SP148	113 DONALDSON RD ROCKLEA	19	RP843976
SP152	1004 NUDGEE RD BANYO	34	SL10735
SP153	29 LOBE ST BALD HILLS	36	RP29032
SP155	7A PENONG ST WESTLAKE	1	RP146410
SP157	ARCHERFIELD RD RICHLANDS	0	SP240103
SP160	238 JESMOND RD FIG TREE POCKET	444	SL947
SP161	32 RAMSAY RD HEMMANT	26	RP32953
SP162	1 JILBA ST INDOOROOPILLY	1	SP100244
SP164	56 THEODORE ST EAGLE FARM	782	SL2987
SP165	27 STRAHAN ST BELMONT	132	RP143713
SP166	237 FISON AV EAGLE FARM	1163	SL11027
SP167	104 LAVARACK AV EAGLE FARM	826	SL3770
SP168	32A DURANTA ST BELLBOWRIE	1	SP211397
SP171	1A ST GEORGE ST KURABY	2	RP37392
SP172	63 FEUERRIEGEL RD BALD HILLS	501	RP140769
SP174	467A JESMOND RD FIG TREE POCKET	1	RP149352
SP175	12 UPLAND RD ST LUCIA	382	SL6788

SP178	33 OLDFIELD RD SEVENTEEN MILE ROCKS	1	RP152819
SP180	819 MACARTHUR AV PINKENBA	1215	SP172749
SP181	22 SINNAMON RD SEVENTEEN MILE ROCKS	60	RP123779
SP182	39 KIMBERLEY ST DARRA	1	RP93781
SP184	2A LOWELL ST KENMORE	19	RP103901
SP185	36 CHATEAU ST CARSELDINE	300	RP175394
SP187	43 EVERGREEN ST BRACKEN RIDGE	123	RP149380
SP189	35A SPINKBRAE ST FIG TREE POCKET	26	RP103002
SP191	160 GEM RD KENMORE	2	RP113905
SP192	24 FORTROSE ST KENMORE	120	RP100653
SP194	206 BRISBANE CSO YERONGA	3	RP806359
SP197	40 SCENIC RD KENMORE	53	RP109172
SP207	108 WEEKES RD MOGGILL	3	RP108155
SP209	1763 OLD CLEVELAND RD CHANDLER	1	RP165961
SP210	18 FORTITUDE ST NUDGEE BEACH	1139	SL9743
SP211	473 BRACKEN RIDGE RD BALD HILLS	1	RP136566
SP212	9A WEYERS RD NUDGEE	67	RP176375
SP213	86 SANANANDA ST WACOL	3	RP178258
SP214	10 AKUNA CT HEMMANT	680	SL12515
SP215	145 MEIERS RD INDOOROOPILLY	2	RP209359
SP216	139 PINE MOUNTAIN RD HOLLAND PARK	74	RP192291
SP217	23 BALCARA AV CARSELDINE	304	RP191654
SP218	50 BALATON ST WESTLAKE	403	RP868819
SP224	41 WOODLAND ST ALGESTER	13	RP201835
SP225	274 STANWORTH RD BOONDALL	1	RP63707
SP226	42 EMMETT ST WYNNUM WEST	207	RP225209
SP230	188 PARINGA RD MURARRIE	43	SP227024
SP232	61 BEANLAND ST JAMBOREE HEIGHTS	3	RP75211
SP235	105 PIONEER CR BELLBOWRIE	893	RP839680
SP237	7B SUNFLOWER CR CALAMVALE	5	RP809357
SP238	1392 WYNNUM RD TINGALPA	1	SP240112
SP239	921A GOWAN RD CALAMVALE	5	RP809363
SP240	36 FOREST LAKE BVD FOREST LAKE	998	RP814411
SP241	34 TEWANTIN WAY FOREST LAKE	0	SP153857
SP243	89 BIRKIN RD BELLBOWRIE	1	RP150414
SP246	90A ST ANDREW ST KURABY	11	RP813948
SP247	75 DARIEN ST BRIDGEMAN DOWNS	9	SP185007
SP248	214B PRITCHARD ST LYTTON	7	RP836135
SP249	33 GOSPORT ST HEMMANT	5	RP843953
SP250	333 WATERFORD RD ELLEN GROVE	2	RP135465
SP251	125 SINCLAIR DR ELLEN GROVE	158	RP118908
SP253	63 HALLEYS CR BRIDGEMAN DOWNS	99	RP853504
SP254A	381 BEATTY RD ARCHERFIELD	2	SP200283
SP255	75 CALLABONNA ST WESTLAKE	406	SP113365
SP256	97 CONSTELLATION WAY WYNNUM	304	RP863830

SP258	1695 WYNNUM RD TINGALPA	900	RP906455
SP259	95 BREMEN ST HEMMANT	100	RP859111
SP260	296 ABERDEEN PDE BOONDALL	2	RP26042
SP261	121 WENDOUREE CR WESTLAKE	200	RP885583
SP262	52 TRADE ST LYTTON	10	SP245839
SP263	77 BRUMBY CCT SUMNER	41	SP180661
SP264	88A SUNSET RD KENMORE	98	RP887158
SP266	133 GREY ST SOUTH BRISBANE	103	SSP107067
SP267	64 MEADOWLANDS RD CARINA	902	RP880696
SP268	765A MACARTHUR AV CN PINKENBA	1152	CP898800
SP269	7A EAGLEVIEW PL EAGLE FARM	902	RP898827
SP270	1491 LYTTON RD HEMMANT	2	RP903018
SP271	60 PADDINGTON CR STRETTON	44	RP895897
SP272	55 GREENDALE WAY CARINDALE	100	RP907203
SP273	21B WOODCROFT ST BRACKEN RIDGE	30	CP912690
SP274	98 WYAMPA RD BALD HILLS	100	RP902233
SP276	26 LANDERS POCKET RD BANYO	38	RP208497
SP278	75A LAGOON CR BELLBOWRIE	14	SP162125
SP279	1917A GYMPIE RD BALD HILLS	4	SP117781
SP280	21 LEICHHARDT PL DREWVALE	205	SP114549
SP281	53 METROPLEX AV MURARRIE	0	SP166764
SP282	95 BROWNLEE ST PINKENBA	999	SP128598
SP283	26 LILYDALE PL FOREST LAKE	957	SP159459
SP285	9A ARINGA CR KARANA DOWNS	995	RP172399
SP286	72A ATKINSON DR KARANA DOWNS	666	SL11243
SP287	190A COLLEGE RD KARANA DOWNS	1	RP180341
SP288	69B NALYA CR KARANA DOWNS	3	RP180342
SP289	15 NAWALLA CT KARANA DOWNS	75	RP148868
SP290	25A BOOLUNGAL WAY KARANA DOWNS	994	RP177873
SP292	6A WIRRIBOOT CT KARANA DOWNS	993	RP177836
SP294	3 TAYLOR PL FOREST LAKE	928	SP140067
SP295	507A MILLERS RD KURABY	1	SP140193
SP296	321 BRACKEN RIDGE RD BRACKEN RIDGE	158	RP210185
SP297	73 TILLEY RD WAKERLEY	9	SP144619
SP298	1858D LYTTON RD LYTTON	716	SP110610
SP299	71A CLYDE GESSEL PL, EAGLE FARM	310	SP253447
SP300	550 MAIN MYRTLETOWN RD BRISBANE AIRPORT	10	SP208835
SP302	780 PROGRESS RD WACOL	753	SL9380
SP303	20A GREYGUM PL ANSTEAD	100	SP151124
SP304	33 TRINITY WAY DREWVALE	106	SP166902
SP305	689 JESMOND RD FIG TREE POCKET	26	SP163206
SP306	566 CORONATION DR TOOWONG	712	B3824
SP307	14 SYLVATEERE CR WAKERLEY	995	SP181592
SP308	33A MATFIELD ST MOGGILL	6	SP197867
SP310	67 LOCKYER PL DREWVALE	903	SP198673

SP312	55-61 BILLAN ST CARINA	28-31	RP13175
SP313	198 KING ARTHUR TCE TENNYSON	9	SP214201
SP314	40A SOUTHLINK ST PARKINSON	993	SP211080
SP315	AXIS PL LARAPINTA	901	SP205055
SP316	78 PRIORS POCKET RD MOGGILL	2	SP73405
SP317	80 QUEENS RD NUDGEE	900	SP238996
SP318	112 SUNSET RD KENMORE	3	RP91776
SP319	FITZGIBBON PL FITZGIBBON	4001	SP242308

Decision

Your application has been approved and your Environmental Authority (reference EPVX02272714) is attached.

Should you have any further enquiries, please contact Andrew Fielding on telephone (07) 3330 5586.

Yours sincerely

Signature	Date
	4 August 2014

Kelly Gleeson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enclosed

Permit - Environmental Authority (reference EPVX02272714)

Permit[1]

Environmental Protection Act 1994

Environmental Authority EPVX02272714

This Environmental Authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit[1] number: EPVX02272714

The anniversary date of this Environmental Authority remains as 4 August 2014

Environmental Authority holder

Name	Registered address
Central SEQ Distributor – retailer Authority Trading as Queensland Urban Utilities	15 Green Square Close Fortitude Valley QLD 4001

Environmentally relevant activity and location details

Environmentally relevant activities	Locations
63-(2) Sewage treatment - pumping station (1)(b)	

Pump Station ID	Lot	Plan
SP005	53	RP12532
SP007	139	RP110090
SP008	1	RP112504
SP009	868	SL4540
SP010	56	RP33804
SP011	1	RP65734
SP016	2	RP56171
SP018	477	SL3983
SP019	92	RP105603
SP020	2	SP190113
SP021	48	RP33017
SP023	2	RP86518
SP024	3	RP151605
SP025	346	RP12500
SP033	2	RP33074
SP034	1	RP100939
SP037	1	RP99014
SP040	2	RP113905

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

SP042	359	RP33228
SP043	2	RP124678
SP044	286	SL2560
SP045	1	RP165938
SP046	1	RP110724
SP047	3	RP192319
SP049	1	RP112526
SP050	1	RP119961
SP053	1	RP201640
SP055	421	SP223110
SP056	263	SP114160
SP057	333	SL8314
SP058	12	RP29077
SP059	1	RP111400
SP060	2	SL5333
SP062	128	SP245843
SP063	3	SP175544
SP064	32	RP37952
SP065	2	RP118628
SP068	49	RP114374
SP071	100	CP868497
SP072	92	RP37194
SP073	40	RP84562
SP075	45	SP149006
SP078	13	RP145534
SP081	57	SL7293
SP083	18	RP213402
SP085	516	SL7031
SP086	131	RP852706
SP087	1	RP128036
SP088	6	RP95353
SP089	11	RP92073
SP090	7	RP105557
SP098	0	SP107763
SP099	2	RP106099
SP100	4	RP803072
SP103	1	RP18765
SP105	38	RP208497
SP108	8	RP187663
SP109	5	SP141283
SP110	1	RP73195
SP111	101	SP122207
SP112	4	RP72364

SP113	6	RP102749
SP115	2	RP125701
SP116	1	M314
SP117	22	SP236215
SP118	93	RP40740
SP119	2	RP129611
SP120	26	RP29723
SP121	21	RP67379
SP122	2	RP99585
SP126	4	RP151176
SP127	39	RP84920
SP129	6	RP96580
SP130	66	RP32985
SP131	3	RP70956
SP132	1	SL2423
SP133	58	RP32967
SP136	501	SP215079
SP139	338	RP29026
SP140	1	PER5814
SP141	931	SL12154
SP142	6	SP141214
SP143	0	BUP5643
SP144	1	PER5814
SP145	1	PER5814
SP146	632	SL8427
SP147	2	RP199034
SP148	19	RP843976
SP152	34	SL10735
SP153	36	RP29032
SP155	1	RP146410
SP157	0	SP240103
SP160	444	SL947
SP161	26	RP32953
SP162	1	SP100244
SP164	782	SL2987
SP165	132	RP143713
SP166	1163	SL11027
SP167	826	SL3770
SP168	1	SP211397
SP171	2	RP37392
SP172	501	RP140769
SP174	1	RP149352
SP175	382	SL6788

SP178	1	RP152819
SP180	1215	SP172749
SP181	60	RP123779
SP182	1	RP93781
SP184	19	RP103901
SP185	300	RP175394
SP187	123	RP149380
SP189	26	RP103002
SP191	2	RP113905
SP192	120	RP100653
SP194	3	RP806359
SP197	53	RP109172
SP207	3	RP108155
SP209	1	RP165961
SP210	1139	SL9743
SP211	1	RP136566
SP212	67	RP176375
SP213	3	RP178258
SP214	680	SL12515
SP215	2	RP209359
SP216	74	RP192291
SP217	304	RP191654
SP218	403	RP868819
SP224	13	RP201835
SP225	1	RP63707
SP226	207	RP225209
SP230	43	SP227024
SP232	3	RP75211
SP235	893	RP839680
SP237	5	RP809357
SP238	1	SP240112
SP239	5	RP809363
SP240	998	RP814411
SP241	0	SP153857
SP243	1	RP150414
SP246	11	RP813948
SP247	9	SP185007
SP248	7	RP836135
SP249	5	RP843953
SP250	2	RP135465
SP251	158	RP118908
SP253	99	RP853504
SP254A	2	SP200283

SP255	406	SP113365
SP256	304	RP863830
SP258	900	RP906455
SP259	100	RP859111
SP260	2	RP26042
SP261	200	RP885583
SP262	10	SP245839
SP263	41	SP180661
SP264	98	RP887158
SP266	103	SSP107067
SP267	902	RP880696
SP268	1152	CP898800
SP269	902	RP898827
SP270	2	RP903018
SP271	44	RP895897
SP272	100	RP907203
SP273	30	CP912690
SP274	100	RP902233
SP276	38	RP208497
SP278	14	SP162125
SP279	4	SP117781
SP280	205	SP114549
SP281	0	SP166764
SP282	999	SP128598
SP283	957	SP159459
SP285	995	RP172399
SP286	666	SL11243
SP287	1	RP180341
SP288	3	RP180342
SP289	75	RP148868
SP290	994	RP177873
SP292	993	RP177836
SP294	928	SP140067
SP295	1	SP140193
SP296	158	RP210185
SP297	9	SP144619
SP298	716	SP110610
SP299	310	SP253447
SP300	10	SP208835
SP302	753	SL9380
SP303	100	SP151124
SP304	106	SP166902
SP305	26	SP163206

	SP306	712	B3824
	SP307	995	SP181592
	SP308	6	SP197867
	SP310	903	SP198673
	SP312	28-31	RP13175
	SP313	9	SP214201
	SP314	993	SP211080
	SP315	901	SP205055
	SP316	2	SP73405
	SP317	900	SP238996
	SP318	3	RP91776
	SP319	4001	SP242308

Additional information for applicants

Environmentally relevant activities

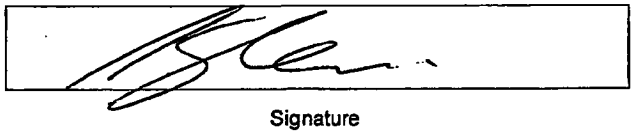
The description of any environmentally relevant activity (ERA) for which an Environmental Authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an Environmental Authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An Environmental Authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

	4 August 2014
Signature	Date

Kelly Gleeson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Andrew Fielding
ES-RSD-SER-Brisbane South
LeveL 8 400 George Street
GPO Box 2454
BRISBANE CITY QLD 4000
Phone: (07) 3330 5586
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Email: Andrew.Fielding@ehp.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this Environmental Authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of Environmental Authority

With the exception of any variations, the conditions of approval for this Environmental Authority include standard conditions contained within the attached document(s) entitled:

Appendix A – Conditions

Condition 1 – Flooding	The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.
Condition 2 – Flooding	The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.
Condition 3 – Maintenance of measures, plant and equipment	The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.
Condition 4 – Integrated environmental management system	For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements,

	including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.
Condition 5 – Contingency plan	For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.
Condition 6 – Emergency response plan	For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.
Condition 7 – Sewage overflow abatement plan	For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential

	receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.
Condition 8 – Records	The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.
Condition 9 – Records	All records required by this **approval** must be kept for five years.
Condition 10 – Release to land and waters	The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity** unless all reasonable and practicable measures have been taken to prevent the release.
Condition 11 – Notifiable release	The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, RAMSAR wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.
Condition 12 – Notifiable release	Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.
Condition 13 – Notifiable release	A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.
Condition 14 – General release reporting	All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.
Condition 15 – General release reporting	Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release

	(d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.
Condition 16 – Monitoring	The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.
Condition 17 – Trained/experienced operator(s)	The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.
Condition 18 – Equipment calibration	The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.
Condition 19 – Complaint response	The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.
Condition 20 – Air nuisance	The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.
Condition 21 – Noise nuisance	The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.
Condition 22 – Noise monitoring	When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.
Condition 23 – Noise monitoring	The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority's**

	Noise Measurement Manual.
Condition 24 – Responding to potential releases	The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release
Condition 25 – Responding to potential releases	Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.
Condition 26 – Responding to potential releases	Any identification of a potential release must be responded to by the **operator**.

DEFINITIONS

Words and phrases used throughout this authority are defined below. Where a definition for a term used in this authority is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994*.

Authorised person means a person authorised under the *Environmental Protection Act 1994*.

Approval means a notice of 'Development Application Decision' or notice of 'Concurrence Agency Response' under the *Sustainable Planning Act 2009*.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:
a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means—
'unreasonable interference or likely interference with an environmental value' caused by:
a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.
$L_{A\ 90,\ adj,\ 15\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.
$L_{A\ 10,\ adj,\ 10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.
$L_{A\ eq}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:
a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:
a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

END OF CONDITIONS

END OF PERMIT

4.7. EA0001743 Gold Coast

Permit

Environmental Protection Act 1994

Environmental authority EA0001743

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EA0001743

Environmental authority takes effect on a date to be decided later.

Environmental authority holder(s)

Name(s)	Registered address
GOLD COAST CITY COUNCIL	135 Bundall Road SURFERS PARADISE QLD 4217

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 2: Operating a sewage pumping station mentioned in subsection (1)(b)	LOT 100/SP260810

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the Environmental Protection Act 1994 (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days);

that is causing, or is reasonably likely to cause, serious or material environmental harm.

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Queensland Government

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
c) otherwise-on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the Planning Act 2016 or an SDA Approval under the State Development and Public Works Organisation Act 1971), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Rebecca Griffiths
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 17 April 2019

Enquiries:
Heritage, Utilities and Government Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.qld.gov.au

Obligations under the Environmental Protection Act 1994

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

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Environmentally Relevant Activity	Locations
ERA 63 - Sewage Treatment 2: Operating a sewage pumping station mentioned in subsection (1)(b)	Lot 100 on Plan SP260810

With the exception of any variations, the conditions of approval for environmentally relevant activity conducted at the location/s as described above include standard conditions contained within the attached document entitled:

a) *Code of environmental compliance for certain aspects of sewage treatment ERA 63 - (2) Sewage treatment - pumping station (1)(b).*

The approved variation to the standard conditions in the Code of environmental compliance is:

Condition reference	Variation
Condition 4, 5, 6 and 7	The activity must be undertaken in accordance with written procedures that : • Identify potential risk to the environment from the activity during routine operation and emergencies including flooding; • Establish control measures that minimise the potential for environmental harm; • Ensure plant and equipment is maintained and operated in proper and effective condition; • Ensure that staff are trained and aware of their obligations under the *Environmental Protection Act 1994*; and • Ensure that reviews of environmental performance are undertaken at least annually.
Condition 10	The operator must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the activity unless all reasonable and practicable measures have been taken to prevent the release.

Condition 11	The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office as soon as possible but no later than 24 hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.

END OF ENVIRONMENTAL AUTHORITY

Code of environmental compliance

ERA 63(3)—Sewage treatment

This code of environmental compliance (code) has been made under Schedule 3 of the Environmental Protection Regulation 2008. It contains the standard environmental conditions approved by the Minister, under section 549(2) of the Environmental Protection Act 1994*, for carrying out the aspects of the environmentally relevant activity (ERA) specified in Section 3 of this code.*

Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)

Version 1

From 31 March 2013, codes of environmental compliance no longer have effect, and an environmental authority is required for this ERA.

The eligibility criteria and standard conditions of this code are taken to be eligibility criteria and standard conditions for the ERA until new eligibility criteria and standard conditions take effect.

Any new operation commencing from 31 March 2013 that meets the eligibility criteria in Section 3 of this code and that can meet all of the standard conditions can apply for a standard approval to carry out this activity. The conditions that apply to the standard approval will be the standard conditions.

Where the operation cannot meet all the standard conditions of this code, a variation application for an environmental authority can be made. The environmental authority will include the standard conditions as modified by any approved variations.

Information on applying for an approval is at www.business.qld.gov.au.

Anyone holding a registration certificate to operate under this code before 31 March 2013 is automatically taken to have an environmental authority for the ERA. The registration certificate becomes an environmental authority and the standard environmental conditions of this code will be the conditions of the environmental authority as standard conditions. The anniversary day of the environmental authority is the anniversary day of the registration certificate.

* This code only applies to the aspects of the ERA that meet the criteria in Section 3 of this code.

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1. Introduction

The Department of Environment and Heritage Protection (EHP) has simplified the environmental compliance framework for environmentally relevant activities (ERAs) where environmental outcomes can be achieved by developing codes of environmental compliance (codes) that set out standard environmental conditions. The use of codes expedites environmental approval processes whilst still ensuring that there are appropriate standards of environmental management and protection.

Codes are appropriate for those activities that can achieve a good level of environmental protection through established, well understood practices. The standard environmental conditions are based on these practices and require the registered operator to take the necessary measures to prevent or minimise environmental harm.

Key terms and/or phrases used in this code are bolded and defined at the end of this code. Where a term is not defined in this code, the definition in the *Environmental Protection Act 1994* (EP Act), its regulations or Environmental Protection Policies must be used. If a word remains undefined it has its ordinary meaning.

2. Authorisation of the code

The Minister responsible for the EP Act, pursuant to section 549, approved the standard environmental conditions contained in this code on 4 July 2012. Approved codes are listed in Schedule 3 of the Environmental Protection Regulation 2008 (EP Reg).

3. Scope of the code

This code applies only to certain aspects of ERA 63 — Sewage treatment activities.

The aspects of ERA 63 — Sewage treatment activities, that this code applies to is threshold 3 which is outlined below (for the full definition see Schedule 2 of the EP Reg).

ERA 63	**Sewage treatment activities**
Threshold 3	Operating a sewage pumping station with a total design capacity of more than 40kL in an hour, if the operation of the pumping station is not an essential part of the operation of a sewage treatment works to which ERA 63(1) or ERA 63(2) applies.

The operation of the ERA under this code must comply with all of the criteria set out in the following table at all times:

Criteria
Operating a sewage pumping station with a total design capacity of more than 40kL in an hour.

Where the operation of a particular ERA will not meet the above criteria, this code does not apply and a development approval is required to undertake the ERA.

4. When the code takes effect

This code applies immediately to registered operators who commenced activities on or after 9 November 2012.

Registered operators who were carrying out ERA 63(3) under a development approval issued before 9 November 2012, and who continue to carry out the activity have a 12 month transitional period in which to ensure their operations comply with the code. The code becomes effective for those registered operators on 9 November 2013.

5. Enforcement of the code

This code contains standard environmental conditions for carrying out the activities that meet the criteria set out in Section 3 of this code. Failure to comply with the criteria or conditions of the code is an offence and penalties apply. A development approval is required where an ERA 63(3) activity is not self-assessable under this code—It is an offence to undertake an activity without a development approval and penalties apply. Enforcement Guidelines published by the administering authority are available at www.ehp.qld.gov.au.

6. Other requirements

In addition to the conditions in this code, the registered operator carrying out ERA 63(3) must comply with all other relevant Commonwealth, State or local government legislative requirements. Without limiting the requirements that may apply, some additional obligations under the EP Act include:

- holding a **registration certificate** issued by the **administering authority** under section 73F; and
- taking all reasonable and practicable measures to prevent or minimise environmental harm. This is referred to as the 'general environmental duty'.

7. Amendment of this code

This code may be amended from time to time by gazette notice advising that the Minister has approved new conditions. Proposed changes to the standard environmental conditions, other than changes to correct a clerical error, will be made in consultation with stakeholders. Where there is a significant change to the code, the administering authority will notify registered operators affected by the change.

8. Further information or enquiries

Further information is available at www.ehp.qld.gov.au or by contacting the relevant regional office of the administering authority.

General enquiries or suggestions for future amendments to the code should be directed to Permit and Licence Management, Implementation Support Unit on telephone 13 QGOV (13 74 68) or by email at palm@ehp.qld.gov.au.

9. Standard environmental conditions

Standard environmental condition	Advice
Condition 1 – Flooding The **operator** must ensure that **new pumping stations** are constructed to ensure that essential operational components of the pumping station are not impacted in a way which results in a failure of these components by flooding below the **one in 100 year flood level**. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction of the essential operational components of the pumping station that may fail as a result of flooding below the **one in 100 year flood level**. The **operator** must consider moving these components above the **one in 100 year flood level**.	When constructing **new pumping stations** in a flood prone area, the switch gear should be located above the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider relocating any switch gear that is below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 2 – Flooding The **operator** must ensure that **new pumping stations** are constructed so that storm and flood waters can not enter the pump well. The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood waters to enter the pump well.	When constructing **new pumping stations** openings to the well (such as maintenance holes) should not be lower than the **one in 100 year flood level**, as identified at the time of the construction. When upgrading **existing pumping stations** in a flood prone area, the **operator** should consider upgrades to restrict water from entering the well if located below the **one in 100 year flood level**, as identified at the time of the upgrade. Any upgrades should be included within the sewage overflow abatement plan as required by condition 7 of this **approval**.
Condition 3 – Maintenance of measures, plant and equipment The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.	

Standard environmental condition	Advice
Condition 4 – Integrated environmental management system For **new pumping stations** the **operator** must document and comply with an integrated environmental management system (IEMS) prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect. The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused. The IEMS must achieve the following outcomes: (a) environmental aspects and potential impacts are identified (b) a contingency plan and emergency response plan are in place (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained (d) control measures that minimise the potential for **environmental harm** are in place (e) organisational structures, accountability and responsibilities are recorded (f) effective, practical communication arrangements, including documentation of such (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded (h) staff are trained and aware of the requirements of this **approval**.	The IEMS is a commitment to complying with the **approval**. It is generally for the benefit of the **operator** in helping them to clarify and comply with the **approval** requirements. The IEMS may not necessarily be site specific. It should provide guiding principles to help plan ways to manage risks and minimise any potential **environmental harm**. For example, by identifying: • what contaminants could be released • where any contaminants released would go and their impact • that actions could be taken to contain any release • what precautions could be taken to prevent a release. This information can then be used to include procedures for prioritising responses to overflow events based on the risk to the receiving environment and the extent of the release. An IEMS may be used for a sewage network. However, any IEMS used for a network must be updated to reflect a new **activity** to which this **approval** applies. An IEMS may also be used to demonstrate compliance with the general environmental duty for other pumping stations which are not licensed but may still have the potential to cause **environmental harm**.

Standard environmental condition	Advice
Condition 5 – Contingency plan For **new pumping stations** the **operator** must document and comply with a contingency plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must provide for: (a) standard connections for emergency by-pass pumping (b) standard connections for mobile generators, or a back-up power source that automatically starts in the event of power failure (c) stand-by pumping equipment and associated controls (d) identification of critical components and a system to ensure adequate and timely access to spare parts (e) access for maintenance and emergency activities (f) testing and validation of any relevant equipment used or related to the contingency plan as necessary.	The detail of the contingency plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a contingency plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one contingency plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the contingency plan to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**.

Standard environmental condition	Advice
Condition 6 – Emergency response plan For **new pumping stations** the **operator** must document and comply with an emergency response plan prior to the commencement of this **activity**. For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect. The emergency response plan must provide for: (a) an implementation manual (b) staff training (c) identification of the part of the environment to which a sewage release may occur (for example, for water bodies, a description of where contaminants may enter the particular water body) (d) remediation and clean up of areas affected by sewage releases (e) receiving environment (surface waters/land) monitoring program for all notifiable releases to examine and assess environmental impacts (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.	The detail of the emergency response plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be an emergency response plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one emergency response plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. While this condition requires the emergency response to include provision for certain requirements, these are not intended to be restrictive. Where these requirements can be met in an alternative way or might not be relevant to a site specific **activity** this should be clearly documented. If you are proposing alternative arrangements you should consult the **administering authority**. A receiving environment monitoring program must be sufficient to demonstrate the extent of the contamination and the time taken for the receiving environment to return to normal. For a release to waters, upstream and downstream monitoring may be required.
Condition 7 – Sewage overflow abatement plan For **new pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 12 months of the date this **approval** takes effect. For **existing pumping stations** the **operator** must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect. The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are (b) identify and evaluate measures in place to reduce the incidence of overflows (c) develop a program of works with a timetable for implementation (d) assess performance and trends for any implemented works.	The detail of the sewage overflow abatement plan should reflect the complexity and risk of the **activity** at the site specific location. Where an IEMS has been developed for a sewage network there may be a sewage overflow abatement plan applicable to many pumping stations within the network based on the level of risk posed by the pumping stations. In this instance the one sewage overflow abatement plan can be used but must be updated to reflect the addition of the new **activity** to which this **approval** applies. Where flooding issues have been identified (as outlined in conditions 1 and 2), upgrades must be included within the sewage overflow abatement plan.

Standard environmental condition	Advice
Condition 8 – Records The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.	Records should verify the provision of training programs and schedules of routine inspections.
Condition 9 – Records All records required by this **approval** must be kept for five years.	
Condition 10 – Release to land and waters The **operator** must ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.	The **administering authority** acknowledges that a typical design for sewerage system capacity is three to five times average daily dry weather flow and that overflows may occur in wet weather when the design capacity of the sewerage system is exceeded.
Condition 11 – Notifiable release The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or (d) is 10 000 L or more during dry weather.	The **administering authority** may need to respond quickly to some spills with the potential to cause **environmental harm**. Priority should be given to notifying the **administering authority** of these spills immediately after they occur. The 24 hour Pollution Hotline number is 1300 130 372. Where an event has occurred that causes or threatens serious or material **environmental harm** the duty to notify **environmental harm** requirements as per ss. 320-320G of the EP Act will also apply. Where reporting under ss. 320-320G is provided and satisfies the notification conditions of this **approval**, it is not necessary to report again against this **approval**. The **administering authority**'s district office is the office responsible for the local government area where the release has occurred. Where the volume of the release is unknown an estimate is to be provided.

Standard environmental condition	Advice
Condition 12 – Notifiable release Within 24 hours after becoming aware of a notifiable release in accordance with condition 11, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.	Where there has been a threat to public health this notification should include evidence that owners or occupiers of the affected land have been notified. This can be by public notification.
Condition 13 – Notifiable release A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.	Any additional information such as sampling results maybe added to the report in the form of attachments at any time. If the commencement of the release is unknown, an estimation of the time and date of the commencement of the release is to be provided.
Condition 14 – General release reporting All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July – 30 June of the previous year.	All discharges include notifiable releases and all other releases from the pumping station. These should be clearly identified in the report. Where the **activity** is part of a sewage network, annual reporting for the network may be provided to satisfy this condition.
Condition 15 – General release reporting Annual reports outlining all releases in accordance with condition 14 must clearly identify: (a) the waste water treatment plant which the pumping station is connected to (b) the number of releases (c) the volume (or estimate of the volume) of each release (d) the location of each release by suburb post code (e) if the release was reported under ss. 320-320G of the *Environmental Protection Act 1994*.	Reporting should be provided in a way in which the data is easy to handle and review. It would be beneficial to also include the reason for the release when reporting. An example would be in an excel spreadsheet.
Condition 16 – Monitoring The **operator** must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.	

Standard environmental condition	Advice
Condition 17 – Trained/experienced operator(s) The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective operation of the pumping station.	
Condition 18 – Equipment calibration The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.	
Condition 19 – Complaint response The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant (b) reasons for the complaint (c) any investigation undertaken (d) conclusions formed (e) any actions taken.	If the complainant does not wish to have their name and contact details recorded, note this as an anonymous complaint.
Condition 20 – Air nuisance The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	
Condition 21 – Noise nuisance The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.	

Standard environmental condition	Advice
Condition 22 – Noise monitoring When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $L_{A90, adj, 15 mins}$ (b) measurement of $L_{A10, adj, 10 mins}$ (c) measurement of $L_{Aeq, adj, 10 mins}$ (d) the level and frequency of occurrence of impulsive or tonal noise (e) atmospheric conditions including wind speed and direction (f) effects due to extraneous factors such as traffic noise (g) the location, date and time of monitoring.	
Condition 23 – Noise monitoring The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority**'s Noise Measurement Manual.	The **administering authority**'s Noise Measurement Manual is available at www.ehp.qld.gov.au.
Condition 24 – Responding to potential releases The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.	This may include an alarm system using one or more of the following; pump-failure alarms or level alarms for sewage contained in the pump well.
Condition 25 – Responding to potential releases Any system developed in line with condition 24 must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.	This may include having back up power available or providing additional detention capacity.
Condition 26 – Responding to potential releases Any identification of a potential release must be responded to by the **operator**.	Response times should consider the potential for **environmental harm** based on site specific details and the potential volume of release from the pumping station.

10. Definitions

Words and phrases used throughout this guideline are defined below. Where a definition for a term used in this guideline is sought and the term is not defined the administering authority may be contacted to provide clarification.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in 100 years.

Activity means ERA 63 (3).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible for administering the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994*.

Approval means this code of environmental compliance.

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994*) is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes **environmental nuisance**. **Environmental harm** may be caused by an activity:

a) whether the harm is a direct or indirect result of the activity

b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994*) means—
'unreasonable interference or likely interference with an environmental value' caused by:

a) aerosols, fumes, light, noise, odour, particles or smoke

b) an unhealthy, offensive or unsightly condition because of contamination

c) another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$\mathbf{L_{A\ 90,\ adj,\ 15\ mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$\mathbf{L_{A\ 10,\ adj,\ 10\ mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period, using fast response.

$\mathbf{L_{A\ eq}}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and will increase by three per cent as of 1 January hereafter.

New pumping stations means pumping stations that were constructed on or after 1 January 2009.

Operation means the development approved under this **approval.**

Operator means any of the following:

a) a person having the benefit of this **approval**

b) the holder of a registration certificate for this **approval**

c) anyone undertaking the **activity** to which this **approval** relates

Note: it is an offence to carry out work under an **approval** without a relevant registration certificate.

Sensitive place means:

a) a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel

b) a library, childcare centre, kindergarten, school, university or other educational institution

c) a medical centre, surgery or hospital

d) a protected area

e) a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

4.8. Draft ERA standard Sewage pumping stations

Environmentally relevant activity standard
Sewage pumping stations – Version 1

This document provides eligibility criteria and standard conditions for environmentally relevant activity (ERA) 63 – sewage treatment – at threshold (2) – operating a sewage pumping station with a total design capacity of more than 40KL in an hour, if the operation of the pumping station is not an essential part of the operation of sewage treatment works to which ERA 63 threshold (1) applies.

Eligibility criteria

Eligibility criteria are constraints set to ensure environmental risks associated with the operation of the ERA are able to be managed by the standard conditions. Eligibility criteria set out the circumstances in which a standard or variation application for an environmental authority can be made.

Standard conditions

Standard conditions are the minimum operating requirements an environmental authority holder must comply with.

Standard applications

If an applicant can meet all of the eligibility criteria and standard conditions, then they can make a standard application.

Variation applications

If an applicant can meet all of the eligibility criteria but needs to vary one or more of the standard conditions to suit their operational needs, then they can make a variation application.

Site specific applications

Applicants who cannot meet the eligibility criteria must make a site specific application. Note, a site specific application is not required for operating a sewage pumping station with a total design capacity of less than 40 kL in an hour (11.11 L in a second).

Amendment applications

If the holder of an environmental authority needs to amend or add a condition in the issued environmental authority, then the holder must make an amendment application.

Definitions

Some terms used in this document are defined in Appendix 1.

How to apply

The Queensland Government's Business Queensland website at www.business.qld.gov.au/ea has information on the standard, variation, site-specific and amendment application processes.

You can apply through Online Services at: https://www.qld.gov.au/environment/pollution/licences-permits/onlineservices.

Alternatively email palm@des.qld.gov.au or phone 1300 130 372 (and select option 4) to obtain an application form to complete and submit.

Queensland Government

Eligibility criteria

Eligibility criteria category	Eligibility criteria
Activity general	Operating a sewage pumping station with a total design capacity of more than 40 kL in an hour (11.11 L in a second)

Standard conditions

Conditions
General
G1: All reasonable steps must be taken to ensure the **activity** complies with the eligibility criteria.
G2: All reasonable and practicable **measures** must be taken to prevent or minimise **environmental harm** caused by the **activity**.
G3: Within three months of the environmental authority taking effect, written procedures must be developed which: a) identify all potential risks to the environment from the **activity**, including: i. during routine operations; and ii. outside routine operations; and iii. during closure; and iv. in an emergency; and b) identify **measures** to prevent or minimise the potential for **environmental harm** for each of the potential risks identified; and c) establish an inspection and maintenance program for plant and equipment, including calibration and servicing that is in accordance with manufacturer's instructions where reasonable and practicable to do so; and d) establish a staff training program on obligations under this environmental authority and the *Environmental Protection Act 1994* to be conducted as part of staff inductions and at least every two years thereafter; and e) establish processes to review environmental risks, incidents, performance and complaints.
G4: Written procedures required by condition G3 must be: a) implemented; and b) **reviewed** at least every two years; and c) provided to the **administering authority** upon request and within a timeframe specified by the **administering authority**.
G5: Plant and equipment necessary to comply with the conditions of this environmental authority must be installed, operated and maintained: a) in a proper and effective manner; and b) in accordance with any written procedures developed under condition G3 for the plant and equipment.
G6: All **records** required by the conditions of this environmental authority must be kept for a minimum of five years.
G7: All **records** required by the conditions of this environmental authority must be provided to the **administering authority** upon request at the time and in the format requested by the **administering authority**.
G8: Any contravention of conditions G2, G16, A1 or N1 of this environmental authority must be reported to the **administering authority** via the Pollution Hotline as soon as practicable, but no more than 24 hours after becoming aware of the contravention.
G11: **Records** relating to any contravention of a condition of this environmental authority must be made including full written details of the contravention and any subsequent actions taken.

G12: When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority**, to investigate any environmental harm alleged by the **administering authority** caused by the activity.
G13: Any report, results and underlying raw data, of monitoring required by condition G12 must be provided to the **administering authority** upon request at the time and in the format requested.
G14: Details of all **environmental complaints** received must be recorded including: a) date and time the complaint was received; and b) name and contact details of the complainant when provided by the complainant; and c) nature of the complaint; and d) investigations undertaken; and e) conclusions formed; and f) actions taken.
G15: All reasonable and practicable measures must be taken to ensure that essential operational components of the pumping station which may be damaged by flooding, are protected from the 1 in 100 year flood level.
G16: **Contaminants** must not be released to **land** or **waters** as a result of the **activity** unless all reasonable and practicable measures have been taken to prevent the release.
G17: The **administering authority** must be notified via the Pollution Hotline as soon as practicable, but no more than 24 hours after becoming aware of a sewage release that: a) poses a threat to public health (for example, contamination of **waters** with primary recreation values); or b) results in any observable environmental impact (for example, fish kill, distress to wildlife, marine plants or other aquatic life); or c) involves discharge to, or is likely to impact upon, a sensitive environment (for example, Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or d) is 10,000L or more during dry weather.
Air
A1: Odour or airborne **contaminants** from the activity must not cause **environmental nuisance** at a **sensitive place** or **commercial place**.
Acoustic
N1: Noise generated by the **activity** must not cause **environmental nuisance** at a **sensitive place** or **commercial place**.

Appendix 1: Terms and definitions

Term	Definition
Activity	means the environmentally relevant activity to which this environmental authority relates. An activity may be undertaken on the whole or a part of a site.
Administering authority	means the Department of Environment and Science or its successor.
Commercial place	means a place used as a workplace, an office or for business or commercial purposes and includes an area within the curtilage of such a place.
Contaminant(s)	as defined in Section 11 of the *Environmental Protection Act 1994.*
Environmental complaints	means an expression of dissatisfaction, concern or report, whether written or verbal, about the activity and/or its impact on the environment.
Environmental harm	as defined in Section 14 of the *Environmental Protection Act 1994.*
Environmental nuisance	as defined in Section 15 of the *Environmental Protection Act 1994.*
Essential operational components	includes switch gear and control gear assemblies such as electrical supply meters, incoming power supply, station control units, motor starter units and telemetering units.
Land	means land excluding waters and the atmosphere.
Measures	has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competencies.
Records	includes breach notifications, details of complaints received, written procedures, monitoring data, analysis results, monitoring reports and monitoring programs required under a condition of this environmental authority.
Reviewed	A formal assessment of a document with regards to currency, accuracy and relevancy, and implementing change accordingly.
Sensitive place	includes any of the following places: a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or b) a motel, hotel or hostel; or c) a kindergarten, school, university or other educational institution; or d) a medical centre or hospital; or e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or f) a public park or garden; or g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019, or h) the area within the curtilage of any of the above places.
Waters	includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed or bank of any waters, dam, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

Appendix 2: General obligations for environmental authority holders

This appendix is not intended to provide a comprehensive assessment of all obligations under Queensland law. It provides some general information and holders are encouraged to familiarise themselves with all requirements related to their specific operation.

Responsibilities under the *Environmental Protection Act 1994*

Separate to the requirements of the eligibility criteria and standard conditions, the holder of the environmental authority must also meet their obligations under the *Environmental Protection Act 1994*, and the regulations made under that Act. For example, the holder must be aware of the following provisions of the *Environmental Protection Act 1994* which may apply unless the environmental harm is authorised by the conditions of the environmental authority.

General environmental duty

Section 319 of the *Environmental Protection Act 1994* states that we all have a general environmental duty. This means that we are all responsible for the actions we take that affect the environment. We must not carry out any activity that causes, or is likely to cause, environmental harm unless we take all reasonable and practicable measures to prevent or minimise the harm. To decide what meets your general environmental duty, you need to consider:

- the nature of the harm or potential harm
- the sensitivity of the receiving environment
- the current state of technical knowledge for the activity
- the likelihood of successful application of the different measures to prevent or minimise environmental harm that might be taken
- the financial implications of the different measures as they would relate to the type of activity.

It is not an offence not to comply with the general environmental duty. However, maintaining your general environmental duty is a defence against the following acts:

(a) an act that causes serious or material environmental harm or an environmental nuisance

(b) an act that contravenes a noise standard

(c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG.

More information is available on the Department of Environment and Science (DES) website www.des.qld.gov.au.

Duty to notify

Section 320A of the *Environmental Protection Act 1994* explains the duty to notify. The duty to notify applies to all persons and requires a person or company to give notice where serious or material environmental harm is caused or threatened. Notice must be given of the event, its nature and the circumstances in which the event happened. Notification can be verbal, written or by public notice depending on who is notifying and being notified.

The duty to notify arises where:

- a person carries out activities or becomes aware of an act of another person arising from, or connected to, those activities that causes or threatens serious or material environmental harm
- while carrying out a resource activity, other than a mining activity, a person becomes aware of the happening of one or both of the following events:
  - the activity negatively affects (or is reasonably likely to negatively affect) the water quality of an aquifer
  - the activity has caused the unauthorised connection of two or more aquifers.
- the owner or occupier of contaminated land or an auditor performing an auditor's function (as defined in section 568(b) of the *Environmental Protection Act 1994*) becomes aware of:
  - the happening of an event involving a hazardous contaminant on the contaminated land; or

- a change in the condition of the contaminated land; or
- a notifiable activity having been carried out, or being carried out, on the contaminated land;

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For more information on the duty to notify requirements refer to the guideline 'Duty to notify of environmental harm' (ESR/2016/2271).

Some relevant offences under the *Environmental Protection Act 1994*

Non-compliance with a condition of an environmental authority (section 430)

Section 430 of the *Environmental Protection Act 1994* requires that a person who is the holder of, or is acting under, an environmental authority must not wilfully contravene, or contravene a condition of the authority.

Environmental authority holder responsible for ensuring conditions complied with (section 431)

Section 431 of the *Environmental Protection Act 1994* requires that the holder of an environmental authority must ensure everyone acting under the authority complies with the conditions of the authority. If another person acting under the authority commits an offence against section 430, the holder also commits an offence, namely, the offence of failing to ensure the other person complies with the conditions.

Causing serious or material environmental harm (sections 437–439)

Material environmental harm is when the harm is not trivial or negligible in nature. Serious environmental harm is harm that is irreversible, of a high impact or widespread, or that is caused to an area of high conservation value or special significance.

Serious or material environmental harm excludes environmental nuisance.

Causing environmental nuisance (section 440)

Environmental nuisance is unreasonable interference with an environmental value caused by aerosols, fumes, light, noise, odour, particles or smoke. It may also include an unhealthy, offensive or unsightly condition because of contamination.

Depositing a prescribed water contaminant in waters (section 440ZG)

Prescribed water contaminants include a wide variety of contaminants listed in Schedule 10 of the Environmental Protection Regulation 2019.

It is your responsibility to ensure that prescribed water contaminants are not left in a place where they may or do enter a waterway, the ocean or a stormwater drain. This includes making sure that stormwater falling on or running across your site does not leave the site contaminated. Where stormwater contamination occurs you must ensure that it is treated to remove contaminants. You should also consider where and how you store material used in your processes onsite to reduce the chance of water contamination.

Placing a contaminant where environmental harm or nuisance may be caused (section 443)

A person must not cause or allow a contaminant to be placed in a position where it could reasonably be expected to cause serious or material environmental harm or environmental nuisance.

Relevant offences under the Environmental Protection Regulation 2019

Trackable waste to be given only to licensed transporter (section 96)

A generator of trackable waste must not give the waste to another person to transport it for a fee or reward, or in a load of more than 250 kilograms, in a vehicle unless the other person holds, or is acting under, an environmental authority for transporting the waste in the vehicle.

Waste tracking (Chapter 5, Part 9)

Waste handlers must submit waste tracking information to the Department of Environment and Science as part of the process for tracking waste types as listed in Schedule 11 of the Environmental Protection Regulation 2019. The waste tracking enables the department to track waste from its source to the place of storage, recycling, treatment or disposal.

Responsibilities under other legislation

An environmental authority pursuant to the *Environmental Protection Act 1994* does not remove the need to obtain any additional approvals for the activity that might be required by other state and/or Commonwealth legislation. Other legislation for which a permit may be required includes, but is not limited to, the:

- *Aboriginal Cultural Heritage Act 2003*
- Australian Dangerous Goods Code
- Australian and New Zealand Environment and Conservation Council (ANZECC) Polychlorinated Biphenyls Management Plan Revised Edition – April 2003
- Contaminated land provisions of the *Environmental Protection Act 1994*
- *Fisheries Act 1994*
- *Forestry Act 1959*
- *Nature Conservation Act 1992*
- *Petroleum and Gas (Production and Safety) Act 2004 / Petroleum Act 1923*
- *Planning Act 2016*
- *Queensland Heritage Act 1992*
- Safe Work Australia Code of Practice on How to Safely Remove Asbestos 2011 or the Safe Work Australia Code of Practice on How to Manage and Control Asbestos in the Workplace 2011 or any subsequent versions
- *Waste Reduction and Recycling Act 2011*
- *Water Act 2000*
- *Water Supply (Safety and Reliability) Act 2008*
- *Work Health and Safety Act 2011*

Applicants are advised to check with all relevant statutory authorities and comply with all relevant legislation.