Permit

Environmental Protection Act 1994

Environmental authority EPPR00541413

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

Environmental authority number: EPPR00541413

Environmental authority takes effect on the date it is signed by the delegate.

The anniversary date of this environmental authority remains **1 October**.

Environmental authority holder

Name	Registered address
Mackay Regional Council	Civic Precinct 73 Gordon Street MACKAY QLD 4740

Environmentally relevant activity and location details

Environmentally relevant activities	Locations
ERA 16 Screening (3)(a) screening, in a year, the following quantity of material— 5,000t to 100,000t.	Lot 31/SP121693 Lot 679/FTY1949 and part of road reserve 44435/29 adjacent to Lot 679/FTY1949 Lot 10/SP201881 Lot 23/RP741170 Lot 1/RP852462 Lot 3/RP737632 Lot 2/AP15590 Lot 202/CI1158 Lot 417/CP846383 Lot 5/RP740451 Lot 147/CP909286 Lot 4/RP747420 Lot 31/CI811864 Lot 100/SP190921 Lot 10/CI856 Lot 50/CI3424 Adjacent to Lot 42/SP177286 Lot 92/CI1194 Lot 376/CI4415 Lot 24/HLN186 Lot 1/AP15590

ABN 46 640 294 485

Environmentally relevant activities	Locations
	Lot 3/RP715879 Lot 36/SP107442 Lot 30/CI2403 Lot 111/HLN258
ERA 16 Extractive (2)(a) extracting, other than by dredging, in a year, the following quantity of material— 5,000t to 100,000t.	Lot 31/SP121693 Lot 679/FTY1949 and part of road reserve 44435/29 adjacent to Lot 679/FTY1949 Lot 209/CI3399 Lot 10/SP201881 Lot 23/RP741170 Lot 1/RP852462 Lot 3/RP737632 Lot 2/AP15590 Lot 202/CI1158 Lot 417/CP846383 Lot 5/RP740451 Lot 147/CP909286 Lot 4/RP747420 Lot 179/CI1114 Lot 31/CI811864 Lot 100/SP190921 Lot 10/CI856 Lot 50/CI3424 Adjacent to Lot 42/SP177286 Lot 92/CI1194 Lot 376/CI4415 Lot 24/ HLN186 Lot 1/AP15590 Lot 3/RP715879 Lot 36/SP107442 Lot 9/SP132697 Lot 30/CI2403 Lot 8/RP738036 Lot 111/HLN258
ERA 57 Regulated Waste Transport— Transporting regulated waste other than end-of-life tyres (4 vehicles only)	State of Queensland
ERA 63 Sewage treatment (1)(b)(ii) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 100 but not more than 1,500EP— otherwise - no IT or IR	Lot 464/CI3953
ERA 60 Waste disposal (2)(a) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(b)— less than 2,000t	Lot 175/CI921 Lot 91/CI1044 Lot 236/SP180197

Environmentally relevant activities	Locations
	Lot 1/AP19324 Lot 187/SP131425 Lot 73/SP237111
ERA 60 Waste disposal (2)(b) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(b)— 2,000t to 5,000t	Lot 142/CI4284 Lot 423/CP883622 Lot 1/RP733236
ERA 60 Waste disposal (2)(d) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(b)— more than 10,000t but not more than 20,000t	Lot 267/CI4237 Lot 266/CI4237
ERA 62 Resource recovery and transfer facility operation (1)(b) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— general waste.	Lot 901/SP235520 Lot 266/CI4237 Lot 267/CI4237
ERA 62 Resource recovery and transfer facility operation (1)(c) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— category 2 regulated waste.	Lot 901/SP235520
ERA 63 Sewage treatment (1)(a)(i) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— 21 to 100EP — if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 11/SP212243
ERA 63 Sewage treatment (1)(d) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 4,000 but not more than 10,000EP	Lot 10/SP244504 Lot 1/RP723668
ERA 63 Sewage treatment (1)(d) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 4,000 but not more than 10,000EP	Lot 908/SP287456 Lot 1/SP140442
ERA 63 Sewage treatment (1)(e) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 10,000 but not more than 50,000EP	Lot 2/AP15875 Lot 1/SP115429
ERA 63 Sewage treatment (1)(f) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 50,000 but not more than 100,000EP	Lot 4/SP143870 Lot 154/SP112957 Lot 355/CI2914 Lot 4/RP900911 Lot 1/RP900909

Environmentally relevant activities	Locations
ERA 60 Waste disposal (2)(g) operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1)(b)— more than 100,000t but not more than 200,000t	Lot 68/C124768 Lot 1414/C124329 Lot 1602/C124429
ERA 63 Sewage treatment (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSAN09, Hargraves Street SPS, (GDA2020 coordinates: -21.09232974, 149.1796709) PSSL07, Magpie Street SPS, (GDA2020 coordinates: -21.08024184, 149.2190595), Lot 1 Plan CP855597 PSSL10, Pacific Esplanade SPS, (GDA2020 coordinates: -21.07449264, 149.2277681), Lot 599, Plan CI3321 PSSL08, Blackwood Street SPS, (GDA2020 coordinates: -21.07163974, 149.218749), Lot 31 Plan S25749 PSAN05, Oak Street SPS, (GDA2020 coordinates: -21.09734914, 149.1903102), Lot 11, Plan SP255627 PSBE05, Parkview Court SPS, (GDA2020 coordinates: -21.09906314, 149.17643), Lot 1, Plan RP738839 PSBE04, Avocado Court SPS, (GDA2020 coordinates: -21.09708844, 149.1698575) Lot 27, Plan RP741474 PSAN16, Galasheils Street SPS, (GDA2020 coordinates: -21.08854834, 149.172447), Lot 12, Plan RP892821 PSAN14, Broomdykes Drive SPS, (GDA2020 coordinates: -21.08505484, 149.177265) Lot 900, Plan RP858183 PSBE06, Beaconsfield Road No. 2 SPS, (GDA2020 coordinates: -21.10947444, 149.1779195)) PSAN01, Coles Road SPS, (GDA2020 coordinates: -21.10825414, 149.1850233)), Lot 1, Plan RP737296 PSAN08, Tropical Avenue SPS, (GDA2020 coordinates: -21.09584584, 149.1822338) Lot 144, Plan RP745240 PSAN06, Tramontana Street SPS, (GDA2020 coordinates: -21.09194554, 149.1912702), Lot 48, Plan RP732035 PSAN10, Monique Court SPS, (GDA2020 coordinates: -21.08763314, 149.1825372) Lot 34, Plan RP743726

Environmentally relevant activities	Locations
	PSAN15, Bedford Road No. 2 SPS, (GDA2020 coordinates: -21.08272724, 149.1728627), Lot 901, Plan RP864689 PSAN07, Wattle Street SPS, (GDA2020 coordinates: -21.08168664, 149.1898785), Lot 11, Plan SP271085 PSMC02, Gordon Street SPS, (GDA2020 coordinates: -21.14440064, 149.1929459), Lot 19, Plan M91160 PSBU02, Downie Avenue SPS, (GDA2020 coordinates: -21.03494213, 149.1603854) PSBU03, Ellis Avenue SPS, (GDA2020 coordinates: -21.03264383, 149.1600252) PSBU06, Shoal Point Road No 1 SPS, (GDA2020 coordinates: -21.02659833, 149.1546382) PSBC02, Main Street SPS, (GDA2020 coordinates: -21.21258783, 149.1474749) Lot 1, Plan RP739555 PSBC01, Temples Lane SPS, (GDA2020 coordinates: -21.20703203, 149.146913), Lot 468, Plan CI3119 PSSM03, Farrellys Rd #1 SPS, (GDA2020 coordinates: -21.18574984, 149.1558781) Lot 43, Plan RP909353 PSEI03, Eimeo Road No. 2 SPS, (GDA2020 coordinates: -21.04543994, 149.1763421) PSNM05, Burgess Street SPS, (GDA2020 coordinates: -21.12370024, 149.1721021) Lot 18, Plan RP748851 PSEI04, Shann Street SPS, (GDA2020 coordinates: -21.04045294, 149.1786167) PSEI07, Blacks Beach Road SPS, (GDA2020 coordinates: -21.05352394, 149.1832611) PSEI10, Pacific Drive No. 1 SPS, (GDA2020 coordinates: -21.05482174, 149.1911783) PSGL04, Wheeler Drive, (GDA2020 coordinates: -21.12268073, 149.1458117) PSNM02, Forgan Street SPS, (GDA2020 coordinates: -21.11684204, 149.1892394), Lot 24, Plan RP712451 PSNM06, Hamilton Street SPS, (GDA2020 coordinates: -21.11873574, 149.1929437), Lot 104, Plan SP247909 PSHA01, Mulherin Drive SPS, (GDA2020 coordinates: -21.11282974, 149.222739) PSHA03, Mt Bassett SPS, (GDA2020 coordinates: -21.11915554, 149.2051246)

Environmentally relevant activities	Locations
	PSMC01, Sydney Street SPS, (GDA2020 coordinates: -21.15081394, 149.1865425), Lot 1, Plan RP720637 PSNM11, Willetts Road SPS, (GDA2020 coordinates: -21.12708284, 149.1660588), Lot 4, Plan RP846385 PSNM12, Heaths Road No. 1 SPS, (GDA2020 coordinates: -21.12762694, 149.1609365), Lot 1, Plan RP845817 PSMC03, Shakespeare Street SPS, (GDA2020 coordinates: -21.14912484, 149.1991089) PSWA01, Bold Street SPS, (GDA2020 coordinates: -21.17039423, 149.0620415), Lot 1, Plan SP112363 PSMC20, Bridge Road SPS, (GDA2020 coordinates: -21.14498173, 149.1547387), Lot 128, Plan SP264916 PSMC04, Evan Street SPS, (GDA2020 coordinates: -21.15452634, 149.1983223) PSMC06, Hart Street SPS, (GDA2020 coordinates: -21.15965274, 149.190889) PSMC07, Kilgour Street SPS, (GDA2020 coordinates: -21.15963294, 149.1938153) PSMC08, Keelan Street SPS, (GDA2020 coordinates: -21.16569614, 149.1921333) PSMP02, Suncrest Court SPS, (GDA2020 coordinates: -21.12265204, 149.1601426), Lot 7, Plan RP898353 PSMC05, Goldsmith Street SPS, (GDA2020 coordinates: -21.15514284, 149.192565), Lot 19, Plan RP706495 PSMC09, Scott Street SPS, (GDA2020 coordinates: -21.16517544, 149.1891122) PSMC10, Black Street SPS, (GDA2020 coordinates: -21.15839344, 149.1779222) PSMC11, Meero Street SPS, (GDA2020 coordinates: -21.15535994, 149.1750475) PSMP01, Malcomson Street No. 2 SPS, (GDA2020 coordinates: -21.12013023, 149.1574882), Lot 4, Plan RP729988 PSMC22, Marryatt Street SPS, (GDA2020 coordinates: -21.14743874, 149.1709369), Lot 6, Plan SP237095 PSGL06, Pioneer Street SPS, (GDA2020 coordinates: -21.11177653, 149.1503995), Lot 11, Plan SP100401

Environmentally relevant activities	Locations
	PSMC12, Graffunder Street SPS, (GDA2020 coordinates: -21.16390364, 149.1742963) PSNM14, Heaths Road No. 2 SPS, (GDA2020 coordinates: -21.12921263, 149.1512958), Lot 21, Plan RP906705 PSNM15, Oasis Drive SPS, (GDA2020 coordinates: -21.12668064, 149.1692581), Lot 1, Plan SP199173 PSMC21, Cullen Street SPS, (GDA2020 coordinates: -21.14774864, 149.1622488) PSBE01, Beaconsfield Road No. 1 SPS, (GDA2020 coordinates: -21.10604224, 149.1695161), Lot 1 Plan RP733577 PSMI01, Margaret St Pump Station, (GDA2020 coordinates: -21.16071441, 148.874073) PSNM01, Bassett Street SPS, (GDA2020 coordinates: -21.12399524, 149.1912597) PSRV02, Symons Farm SPS, (GDA2020 coordinates: -21.07059313, 149.1598803), Lot 1, Plan RP817051 PSNM03, Gooseponds SPS, (GDA2020 coordinates: -21.12090584, 149.1780287) PSEI02, Eimeo Road No. 1 SPS, (GDA2020 coordinates: -21.04883914, 149.1760548), Lot 601, Plan C14376 PSEI08, Camilleri Street SPS, (GDA2020 coordinates: -21.04640414, 149.1842443), Lot, 576, Plan C13509 PSSA01A, Biltoft Street, (GDA2020 coordinates: -21.41923514, 149.2188397) PSEI13, Avalon Drive SPS, (GDA2020 coordinates: -21.05022253149.1639056), Lot 905, Plan SP262671 PSSL01, Keeleys Road No. 1 SPS, (GDA2020 coordinates: -21.09282914, 149.2115485) PSSM01A, Boundary Rd SPS, (GDA2020 coordinates: -21.17566384, 149.1649652) PSEI09, Admiral Drive SPS, (GDA2020 coordinates: -21.03729104, 149.1843326), Lot 112, Plan C1838618 PSSH11, Bucasia STP SPS, (GDA2020 coordinates: -21.02643643, 149.1474508), Lot 61, Plan RP807526 PSSH13, Denman Avenue SPS, (GDA2020 coordinates: -21.00332213, 149.1535056), Lot 4, Plan SP147493

Environmentally relevant activities	Locations
	PSBU08, Griffin Avenue SPS, (GDA2020 coordinates: -21.02242773, 149.1559345), Lot 546, Plan CI4012 PSSH12, Shoal Point Road No. 2 SPS, (GDA2020 coordinates: -21.01050633, 149.1481363), Lot 9001, Plan SP165720 PSSM02, Rainlover Street SPS, (GDA2020 coordinates: -21.17375323, 149.1490896) PSSM22, Connors Rd SPS, (GDA2020 coordinates: -21.18780654, 149.1588929) PSBU09, Bucas Drive SPS, (GDA2020 coordinates: -21.04228833, 149.1508044), Lot 1, Plan SP115429 PSEI01, Prawn Farm SPS, (GDA2020 coordinates: -21.05203314, 149.1692228), Lot 2, Plan RP810405 PSBU01A, Dump Road SPS, (GDA2020 coordinates: -21.03704973, 149.1558467), Lot 1, Plan SP115429 PSWA04, Pugsley Street No. 2 SPS, (GDA2020 coordinates: -21.16071803, 149.0579119) PSEI15, Whitehaven Drive SPS, (GDA2020 coordinates: -21.06159564, 149.1812912), Lot 928, Plan SP254852 PSMA07, Kennys Rd No 1 Pump Station, (GDA2020 coordinates: -21.14724802, 148.9570364), Lot 100, Plan SP272704 PSMA01, Paul St Pump Station, (GDA2020 coordinates: -21.14686052, 148.9420705), Lot 7, Plan SP208036 PSMA12, Bowden Cres SPS, (GDA2020 coordinates: -21.15257882 148.963865), Lot 327, Plan SP237108 PSWA07, Pugsley Street No. 1 SPS, (GDA2020 coordinates: -21.16144543, 149.0634386) PSWA08, Anne Street SPS, (GDA2020 coordinates: -21.16246173, 149.0667358)
ERA 64 Water treatment (3) treating 10ML or more raw water in a day.	Lot 389 Plan SP237091

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 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.

The anniversary day of this environmental authority is 1 October.

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.

Signature

10 October 2025

Date

Calvin Quick
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

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

Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

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.

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health athttps://www.nrmmrrd.qld.gov.au/, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

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 the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

The permit consists of the following parts:

Part 1 – General Conditions for Particular Activities

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 31/SP121693
	Lot 679/FTY1949 and part of road reserve 44435/29 adjacent to Lot 679/FTY1949
	Lot 10/SP201881
	Lot 23/RP741170
	Lot 1/RP852462
	Lot 3/RP737632
	Lot 2/AP15590
	Lot 202/CI1158
	Lot 417/CP846383
	Lot 5/RP740451
	Lot 147/CP909286
	Lot 4/RP747420
	Lot 31/CI811864
	Lot 100/SP190921
	Lot 10/CI856
	Lot 50/CI3424
	Adjacent to Lot 42/SP177286
	Lot 92/CI1194
	Lot 376/CI4415
	Lot 24/HLN186
	Lot 1/AP15590
	Lot 36 Plan SP107442
	Lot 3/RP715879
	Lot 30/CI2403
	Lot 111/HLN258

Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Lot 31/SP121693
	Lot 679/FTY1949 and part of road reserve 44435/29 adjacent to Lot 679/FTY1949
	Lot 209/CI3399
	Lot 10/SP201881
	Lot 23/RP741170
	Lot 1/RP852462
	Lot 3/RP737632
	Lot 2/AP15590
	Lot 202/CI1158
	Lot 417/CP846383
	Lot 5/RP740451
	Lot 147/CP909286
	Lot 4/RP747420
	Lot 179/CI1114
	Lot 31/CI811864
	Lot 100/SP190921
	Lot 10/CI856
	Lot 50/CI3424
	Adjacent to Lot 42/SP177286
	Lot 92/CI1194
	Lot 376/CI4415
	Lot 24/HLN186
	Lot 1/AP15590
	Lot 3/RP715879
	Lot 36 Plan SP107442
	Lot 9/SP132697
	Lot 30/CI2403
	Lot 8/RP738036
	Lot 111/HLN258

ERA 57 Regulated Waste Transport— Transporting regulated waste other than end-of-life tyres (4 vehicles only)	State of Queensland
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (a) less than 2000t	Lot 175/CI921
	Lot 91/CI1044
	Lot 236/SP180197
	Lot 1/AP19324
	Lot 187/SP131425
	Lot 73/SP237111
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (b) more than 2000t but not more than 5000t	Lot 142/CI4284
	Lot 423/CP883622
	Lot 1/RP733236
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (d) more than 10,000t but not more than 20,000t	Lot 267/CI4237
	Lot 266/CI4237
ERA 62 Resource recovery and transfer facility operation (1)(b) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— general waste.	Lot 901/SP235520
	Lot 266/CI4237
	Lot 267/CI4237
ERA 62 Resource recovery and transfer facility operation (1)(c) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— category 2 regulated waste.	Lot 901/SP235520
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (b-ii) more than 100 but not more than 1500EP otherwise	Lot 464/CI3953
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (d) more than 4000 but not more than 10,000EP	Lot 10/SP244504
	Lot 1/RP723668
ERA Sewage treatment 63 (1)(d) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— more than 4,000 but not more than 10,000EP	Lot 908/SP287456
	Lot 1/SP140442
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-	Lot 2/AP15875
	Lot 1/SP115429

release works, with a total daily peak design capacity of, (e) more than 10,000 but not more than 50,000EP	
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (f) more than 50,000 but not more than 100,000EP	Lot 4/SP143870
	Lot 154/SP112957
	Lot 355/CI2914
	Lot 4/RP900911
	Lot 1/RP900909
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (g) more than 100,000t but not more than 200,000t	Lot 68/C124768
	Lot 1414/C124329
	Lot 1602/C124429
Prescribed ERA, ERA 64 - Water treatment, 3: Treating 10ML or more raw water in a day	Lot 389/SP237091

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P1-G1	Activities conducted under this environmental authority must be conducted within the approved thresholds and subject to any other limitations stated in this environmental authority.
P1-G2	Unless otherwise specified in this environmental authority the administering authority must be notified within 24 hours of the holder of this approval becoming aware of: 1. any breach of a condition of this environmental authority; or 2. any adverse impact on an environmental value.
P1-G3	Unless otherwise specified in this environmental authority a final report must be provided to the administering authority within 14 business days following any notification in accordance with condition P1-G2.
P1-G4	All information and records that are required by the conditions of this environmental authority must be kept for a period of at least 5 years and made available to the administering authority on request.
P1-G5	Monitoring results required by the conditions of this environmental authority must be kept until surrender and made available to the administering authority on request.
P1-G6	The **activity** must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the **activity** during routine operations and emergencies including flooding; 2. establish control **measures** that minimise the potential for **environmental harm;** 3. ensure plant and equipment is maintained and operated in proper and effective condition; and

	4. ensure that staff are trained in and aware of their obligations under the *Environmental Protection Act 1994* ensure that reviews of environmental performance are undertaken at least annually.
P1-G7	All chemicals and fuels in bulk or in containers of greater than 15 litres must be stored within a secondary containment system and releases controlled in a manner that prevents environmental harm.
P1-G8	Access to all sites must be controlled and public access restricted.
P1-G9	The daily operation of the approved sites and associated equipment must be carried out by an **appropriately qualified person(s).**
Agency interest: Air	
Condition number	**Condition**
P1-A1	Odours or airborne contaminants which are **noxious** or **offensive** or otherwise unreasonably disruptive to public amenity or safety must not be released to any **nuisance sensitive place** or **commercial place**.
P1-A2	When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of **environmental nuisance** caused by dust, particulate matter and/or odour.

Agency interest: Noise	
Condition number	**Condition**
P1-N1	Noise from the **activity** must not cause a nuisance at any nuisance sensitive place.
Agency interest: Water	
Condition number	**Condition**
P1-WT1	Other than as stated within this authority, contaminants must not be released from the site to any waters or the bed and banks of any waters.
P1-WT2	Other than as stated within this authority, contaminants must not be released to groundwater.
P1-WT3	All water storages used for storage or treatment of contaminants or wastes must be designed and maintained to prevent any discharge from causing environmental harm or environmental nuisance.
Agency interest: Waste	
Condition number	**Condition**
P1-WS1	Other than as stated within this authority, waste may only be removed from a site by using a transporter lawfully able to transport it and to a place lawfully able to receive it.
P1-WS2	Records must be kept of the removal, transportation and disposal of regulated wastes.
Agency interest: Land	
Condition number	**Condition**
P1-L1	Other than as stated within this environmental authority, contaminants must not be released to land.
P1-L2	Treatment and management of acid sulfate soils must comply with the latest edition of the administering authority's manual *Queensland Acid Sulfate Soil Technical Manual Soil Management Guidelines v4.0.*
P1-L3	Erosion protection **measures** and sediment control **measures** must be implemented and maintained to minimise erosion and the release of sediment.

Part 2 – Conditions Specific to Extractive and Screening Activities

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 16 - Extraction and Screening, 3: Screening, in a year, the following quantity of material, (a) 5,000t to 100,000t; and Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Johnsons Quarry, 128 Johnson Road KOUMALA QLD 4738 - Lot 23 Plan RP741170
	Harvisons Quarry, 116 Owens Creek Loop Road GARGETT QLD 4741 - Lot 1 Plan RP852462
	Breadsell Quarry, 330 Sturmas Road YALBOROO QLD 4741 - Lot 3 Plan RP737632
	Bussey Quarry, Walkerston-Homebush Road HOMEBUSH QLD 4740 - Lot 100 Plan SP190921
	McDermott Quarry, 581 McDermotts Road CALEN QLD 4798 – Lot 10 Plan SP201881
	Mt Vince Quarry, Old Rocky Waterholes Road GREENMOUNT QLD 4751 - Lot 202 Plan CI1158
	Mt Ossa Quarry, Longmile Road MOUNT OSSA QLD 4741 - Lot 417 Plan CP846383
	Larsen Quarry, 17 Larsens Road THE LEAP QLD 4740 - Lot 5 Plan RP740451
	Mezzen Quarry, 1111 Marwood-Sunnyside Road SUNNYSIDE QLD 4737- Lot 147 Plan CP909286
	Dummas Quarry, Cathu-Oconnell River Road YALBOROO QLD 4741 – Lot 4 Plan RP747420
	Eton Old Quarry, Eton Homebush Road ETON QLD 4741 - Lot 31 Plan CI811864
	Bezzina Quarry, 814 Dougherty's Road BLOOMSBURY QLD 4799 - Lot 10 Plan CI856
	Eton New Quarry, 150 Eton Homebush Road ETON QLD 4741- Lot 50 Plan CI3424
	Kippen New Quarry, Adjacent NE corner of 482 Cape Hillsborough Road BALL BAY QLD 4741 – road reserve adjacent NE corner of Lot 42 Plan SP177286
	Kippen Old Quarry, Adjacent SE corner of 482 Cape Hillsborough Road BALL BAY QLD 4741 – road reserve adjacent SE corner of Lot 42 Plan SP177286
	Comelli Quarry, 262 Aldis Road ST HELENS BEACH QLD 4799 - Lot 92 Plan CI1194
	Howell Quarry, 222 Howells Road MOUNT JUKES QLD 4740 - Lot 376 Plan CI4415

Environmentally relevant activity/activities	Location(s)
	Hazelwood Quarry, Eungella Dam Road CREDITON QLD 4757 - Lot 24 Plan HLN186 & Lot 679 Plan FTY1949 and part of road reserve 44435/29 adjacent to Lot 679/FTY1949
	TeCon Gap Quarry, Kuttabul Mount Jukes Road KUTTABUL QLD 4741 - Lot 1 & 2 Plan AP15590
	Jensens Quarry, 2906 Mirani-Mount Ossa Road MOUNT CHARLTON QLD 4741 – Lot 3 Plan RP715879
	Omands Quarry, Neilsen-Omands Road SEPTIMUS QLD 4754 - Lot 36 Plan SP107442 & Lot 30 Plan CI2403
	Buggybend Quarry, Eungella Dam Road EUNGELLA DAM QLD 4757 – Lot 111 Plan HLN258
	Mitchell Quarry, 88 Campbells Road BLOOMSBURY QLD 4799 - Lot 31 Plan SP121693
Prescribed ERA, ERA 16 - Extraction and Screening, 2: Extracting, other than by dredging, in a year, the following quantity of material, (a) 5,000t to 100,000t	Gargett Quarry, Owens Creek Loop Road GARGETT QLD 4741 – Lot 179 Plan CI1114
	Benholme Quarry, Mackay-Eungella Road BENHOLME QLD 4754 – Lot 209 Plan CI3399
	Cameron Quarry, 196 Riley Road KOUMALA QLD 4738 - Lot 8 Plan RP738036
	Colemans Quarry, 65 Owens Creek Loop Road GARGETT QLD 4741 – Lot 9 Plan SP132697

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

<table>
<tr><th colspan="2">Agency interest: General</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>P2-G1</td><td>This environmental authority authorises:
1. Extraction and screening at all listed locations.</td></tr>
<tr><td>P2-G2</td><td>The maximum amount of material that can be extracted and screened for any annual return period at each particular site is outlined below in Part 2 – Table 1.
Part 2 – Table 1 Maximum Allowable tonnages at each and extraction site
<table>
<tr><th>Site Name</th><th>Maximum Tonnage per year</th></tr>
<tr><td>Breadsell Quarry</td><td>7000t</td></tr>
<tr><td>Mt Vince Quarry</td><td>7000t</td></tr>
<tr><td>Mt Ossa Quarry</td><td>15000t</td></tr>
</table></td></tr>
</table>

	Eton New Quarry	10000t
	Howells Quarry	10000t
	McDermott	7000t
	Comelli Quarry	10000t

Agency interest: Water	
Condition number	**Condition**
P2-WT1	Stormwater contaminated by the **activity** must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.
P2-WT2	Ponds used for the storage or treatment of wastewater or wastes must be constructed, installed and maintained to: 1. prevent any release of wastewater or wastes from the ponds to any waters other than during wet weather events; 2. minimise overflows during wet weather; and 3. ensure the stability of the pond structure.
P2-WT3	A sediment retention system must be designed, constructed and operated to retain the stormwater runoff generated by a 24 hour storm event with an average recurrence interval of one in 10 years.
P2-WT4	Water storages must be monitored for the water quality characteristics specified in Part 2 - Table 2. **Part 2 - Table 2 - Onsite water storage additional monitoring parameters for investigation**

Quality Characteristic	Investigation Level (greater than)	Frequency of Monitoring
Electrical conductivity	250 (µS/cm)	Biannually each November and April
Petroleum hydrocarbons (C6-C9)	50 (µg/L)	
Petroleum hydrocarbons (C10-C36)	100 (µg/L)	
Turbidity	100 (NTU)	

P2-WT5	Following the exceedance of any Investigation Level in *Part 2 – Table 2 - Onsite water storage additional monitoring parameters for investigation* the permit holder must complete an investigation into the potential for environmental harm and provide a written report to the administering authority within one month of receiving the results outlining: 1. details of the investigation carried out; and 2. actions taken to prevent environmental harm.
Agency interest: Noise	
Condition number	**Condition**

P2-N1	The **activity** must not cause audible noise at a dwelling, mobile home or caravan park, residential marina, motel, hotel or hostel or other residential premises kindergarten, school, university, library, childcare centre or other educational institution or a medical centre or hospital: 1. on a business day or Saturday, before 7am or after 7pm; 2. on any other day, before 8am or after 7pm.
P2-N2	Blasting is only to occur within the hours of 09.00am and 15:00pm Monday to Friday and excluding public holidays.
P2-N3	A blast management plan must be developed for each blasting **activity** in accordance with Australian Standard 2187 or other relevant Australian Standard in order that; 1. the airblast overpressure is less than 115dB Z Peak for 4 out of any 5 consecutive blasts; 2. the airblast overpressure is less than 120dB Z Peak for all blasts; and 3. the ground vibration is: a) for vibrations of more than 35Hz—more than 25 millimetres (mm) a second ground vibration, peak particle velocity b) for vibrations of no more than 35Hz—more than 10mm a second ground vibration, peak particle velocity.
P2-N4	All blasting must be carried out in a proper manner by a suitably qualified person in accordance with best practice environmental management to minimise the likelihood of adverse effects being caused by the impacts of blasting.
P2-N5	Records of the design of all explosive blasts and how each blast meets the criteria specified in condition P2-N3 must be kept in written and diagrammatic form at the authorised place.
P2-N6	Any residences within one kilometre of a blast site must be notified at least 48 hours prior to each and every blasting **activity**.
Agency interest: Land	
Condition number	**Condition**
P2-L1	As soon as practicable after completion of operational work land disturbed by the **activity** must be rehabilitated to achieve the following: 1. the land is safe for humans and fauna; 2. the land has no subsidence or erosion gullies following completion of the rehabilitation; 3. there is no ongoing contamination to waters; and 4. maintenance requirements are no greater than before the land was disturbed.
P2-L2	Topsoil must be removed and stockpiled to preserve its biological and chemical integrity for use in site rehabilitation.
P2-L3	At Eton New Quarry located on Lot 50 Plan CI3424, the total area of disturbance to land at any given time must not exceed three (3) hectares.

Part 3 – Conditions Specific to Waste Disposal and Waste Transfer Activities

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (a) less than 2000t	**Finch Hatton Landfill**, 175 Trueman Depot Road, Finch Hatton QLD 4756 - Lot 175 Plan CI921 **Koumala Landfill**, Turnors Paddock Road, Koumala QLD 4738 - Lot 91 Plan CI1044 **Kolijo Landfill**, 376 Kolijo-Mt Pelion Road, Mt Pelion QLD 4741 - Lot 236 Plan SP180197 **Eungella Landfill**, Eungella Dam Road, Crediton QLD 4757 – Lot1 Plan AP19324 **Gargett Landfill**, Gargett Dump Road, Gargett QLD 4741 - Lot 187 Plan SP131425 **Otterburn Landfill**, Brand Road, Mirani QLD 4754 - Lot 73 Plan SP237111
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (b) more than 2000t but not more than 5000t	**Sarina Landfill**, 223 Brooks Road, Sarina QLD 4737 - Lot 142 Plan CI4284 **Seaforth Waste Transfer Station**, Yakapari, Seaforth Road, Seaforth QLD 4741 - Lot 423 Plan CP883622 **Hay Point Landfill**, Hay Point Road, Hay Point QLD 4740 - Lot 1 Plan RP733236
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (d) more than 10,000t but not more than 20,000t	**Bayersville Landfill**, Harbour Road, North Mackay QLD 4740 - Lot 266 & 267 Plan CI4237
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (g) more than 100,000t but not more than 200,000t	**Hogan's Pocket Landfill**, Hogans Pocket Road, Eton QLD 4741 - Lot 1602 Plan C124429, Lot 1414 Plan C124329 & Lot 68 Plan C124768
ERA 62 Resource recovery and transfer facility operation (1)(b) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— general waste.	**Bayersville Landfill**, Harbour Road, North Mackay QLD 4740 - Lot 266 & 267 Plan CI4237 **Paget Waste Transfer Station**, 42 Crichtons Road, Paget QLD 4740 – Lot 901 Plan SP235520
ERA 62 Resource recovery and transfer facility operation (1)(c) operating a facility for receiving and sorting, dismantling, baling or temporarily storing— category 2 regulated waste.	**Paget Waste Transfer Station**, 42 Crichtons Road, Paget QLD 4740 – Lot 901 Plan SP235520

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P3-G1	This environmental authority authorises: 1. Disposal of no more than 200,000 tonnes of waste in any annual return period at Hogans Pocket Road, Eton - Lot 1602 Plan C124429, Lot 1414 Plan C124329 and Lot 68 Plan C124768; 2. Disposal of no more than 20 000 tonnes of waste in any annual return period at Bayersville Landfill Harbour Road, North Mackay - Lot 266 & 267 Plan CI4237; 3. Disposal of no more than 5 000 tonnes of waste in any annual return period at: a) Sarina landfill - Lot 142 CI4284 b) Hay Point landfill - Lot 1 Plan RP733236 c) Seaforth Waste Transfer Station, Yakapari - Seaforth Road, Seaforth - Lot 423 Plan CP883622 4. Disposal of no more than 2 000 tonnes of waste in any annual return period at: a) Otturburn Landfill - Lot 73 SP237111 b) Kolijo Landfill - Lot 236 Plan SP180197 c) Koumala Landfill - Lot 91 CI1044 d) Gargett Landfill - Lot 187 SP131425 e) Finch Hatton Landfill - Lot 175 CI921 f) Eungella Landfill – Lot 1 Plan AP19324 5. Operating a waste transfer station receiving more than 30 tonnes or 30m^3 of waste on any day at: a) Paget - Lot 901 Plan SP235520.
P3-G2	The waste accepted at any licensed facility must be in accordance with the waste acceptance criteria for the site.
P3-G3	The waste acceptance criteria must be kept on site and made available to the **administering authority** on request.
P3-G4	An amended landfill cell design plan must be finalised and submitted to the **administering authority** at least six (6) months before the commencement of any new landfill cell and must include details of at least the following: 1. RPEQ plans; 2. location of any new site infrastructure or extensions to serve the new cell; 3. location of any new water management devices required to serve the new cell; and 4. location of any groundwater and gas monitoring or collection bores required to serve the new cell.

<table>
<tr><th colspan="2">Agency interest: Air</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>P3-A1</td><td>The accumulation and release of landfill gas must not cause environmental harm beyond the boundary of a site.</td></tr>
<tr><td>P3-A2</td><td>At any site with significant accumulations of landfill gas a monitoring network must be installed and the holder of this authority must monitor and record landfill gas levels at least once every 6 months.</td></tr>
<tr><th colspan="2">Agency interest: Water</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>P3-WT1</td><td>Stormwater contaminated by the activity must be managed to minimise or prevent any adverse impacts on the values of the receiving environment.</td></tr>
<tr><td>P3-WT2</td><td>A stormwater management plan must be developed for all operational landfills and transfer stations.</td></tr>
<tr><td>P3-WT3</td><td>Monitoring must be undertaken and records kept of releases to waters from the discharge location at Hogans Pocket Landfill as specified in Part 3 - Table 1 - Release limits.
Part 3 - Table 1- Release limits
<table>
<tr><th>Monitoring point</th><th>Discharge location</th><th>Quality characteristics</th><th>Minimum</th><th>Maximum</th><th>Monitoring Frequency</th></tr>
<tr><td rowspan="5">W2[1]</td><td rowspan="5">Sediment Pond Spillway</td><td>Electrical Conductivity (µS/cm)</td><td>-</td><td>1000</td><td rowspan="5">Prior to a controlled release event. As soon as practicable in the event of an uncontrolled release and weekly thereafter for the duration of the release.</td></tr>
<tr><td>Dissolved Oxygen (mg/L)</td><td>4</td><td>-</td></tr>
<tr><td>pH</td><td>6.0</td><td>8.5</td></tr>
<tr><td>Turbidity (NTU)</td><td>-</td><td>The greater of either background plus 10NTU or background plus 10%</td></tr>
<tr><td>Suspended Solids (mg/L)</td><td>-</td><td>30</td></tr>
</table>
[1] W2 means the release point from sedimentation pond 2 to Black Water Hole Creek.</td></tr>
<tr><td>P3-WT4</td><td>Following the exceedance of any release limit in Part 3 - Table 1 - Release limits the permit holder must complete an investigation into the potential for environmental harm and provide a written report to the administering authority within one month of receiving the results outlining:
1. details of the investigation carried out; and
2. actions taken to prevent environmental harm.</td></tr>
</table>

<table>
<tr><td>P3-WT5</td><td>Monitoring of groundwater must be undertaken and records kept from appropriate locations determined by the groundwater monitoring network as specified in Part 3 - Table 2.
Part 3 - Table 2 - Quality Characteristics of Water Monitoring
<table>
<tr><th>Quality Characteristics</th><th>Monitoring Frequency</th></tr>
<tr><td>pH</td><td rowspan="12">Every 3 Months</td></tr>
<tr><td>Alkalinity</td></tr>
<tr><td>EC</td></tr>
<tr><td>TDS</td></tr>
<tr><td>redox potential COD</td></tr>
<tr><td>TOC</td></tr>
<tr><td>ammoniacal nitrogen</td></tr>
<tr><td>major cations and anions (calcium, magnesium, sodium, potassium, chloride, bicarbonate and sulphate)</td></tr>
<tr><td>nitrite and nitrate</td></tr>
<tr><td>total iron</td></tr>
<tr><td>total phenols</td></tr>
<tr><td>Soluble metals (As, Cd, Cr[1], Cr, Cu, Hg, Ni, Pb, Se, Zn, Mn, B)
[1] Hexavalent Chromium</td></tr>
<tr><td>phosphorous</td><td rowspan="5">Every 12 Months</td></tr>
<tr><td>BOD</td></tr>
<tr><td>total recoverable hydrocarbons pesticides, herbicides</td></tr>
<tr><td>PAH and chlorinated hydrocarbons</td></tr>
<tr><td>volatile organics including BTEX.</td></tr>
</table></td></tr>
<tr><td>P3-WT6</td><td>A water monitoring network must be developed and implemented to record water quality within Black Water Hole Creek in order to detect any impact on surface waters as a consequence of the waste disposal operation.</td></tr>
<tr><td>P3-WT7</td><td>A groundwater monitoring network must be developed and implemented to record background groundwater quality hydraulically up-gradient of the landfill site and for each landfill unit.</td></tr>
<tr><td>P3-WT8</td><td>Groundwater monitoring data must be analysed to determine any statistically significant changes over time.</td></tr>
<tr><td>P3-WT9</td><td>The administering authority must be notified as soon as possible if analysis determines that a statistically significant change has occurred.</td></tr>
<tr><td>P3-WT10</td><td>A leachate collection system at an operational landfill must be installed and maintained at the site to effectively and efficiently collect any leachate generated and convey the collected leachate to a leachate storage or disposal facility.</td></tr>
<tr><td>P3-WT11</td><td>Records must be kept of all leachate disposed of off-site.</td></tr>
</table>

P3-WT12	The holder of this approval must implement and maintain a recycling and reuse program for **leachate**.
Agency interest: Waste	
Condition number	**Condition**
P3-WS1	Only general and limited regulated waste materials, including contaminated soils, are permitted to be received at any waste disposal or waste transfer site.
P3-WS2	No more than 10% of the total waste quantity received at a licensed facility in a year is to be limited regulated waste.
P3-WS3	The following waste materials must not be disposed of to landfill: 1. radioactive wastes; 2. explosives, pyrotechnics or propellants capable of supporting combustion; and 3. whole tyres at the rate exceeding 10000 equivalent passenger-tyre units (EPU) per annum.
P3-WS4	The only wastes to be accepted at a waste transfer facility are: 1. domestic waste; 2. commercial and industrial wastes; 3. putrescible wastes; 4. solid inert wastes; 5. limited regulated wastes (solid stream components only); 6. green garden wastes; and 7. construction and demolition wastes.
P3-WS5	The following wastes must be kept in dedicated and separated areas at a waste transfer facility; 1. tyres; 2. asbestos wastes; 3. wet cell batteries; 4. waste oil; 5. green garden wastes; and 6. solid stream components of regulated wastes.
P3-WS6	The holder of this approval must: 1. implement **measures** to prevent litter being blown or washed from any site; and 2. retrieve any waste that has moved off site.
P3-WS7	Soil contaminated by radioactive material may only be disposed of if it meets the waste acceptance criteria for the disposal site.
P3-WS8	Any waste which is likely to cause environmental harm when placed in an exposed position must be handled and disposed of by special burial.
P3-WS9	All waste materials accepted at waste facilities must be monitored and the holder of this authority must record the: 1. source; 2. volumes; and

	3. material composition.
P3-WS10	In the event of becoming aware of any prohibited waste being received at a site the holder of this approval must immediately: 1. cease depositing such waste; 2. remove any deposited waste and store in a covered and bunded area; 3. arrange for a person who can lawfully transport such waste to collect it within 24 hours and remove it to a facility that can lawfully accept it; and 4. report the matter to the **administering authority**.

Agency interest: Land	
Condition number	**Condition**
P3-L1	When the deposition of waste to a landfill unit ceases, a final cover system to the landfill unit must be installed which minimises: 1. infiltration of water into a landfill unit; 2. the likelihood of any erosion occurring to either the final cover system or the landfilled materials; 3. uncontrolled release of landfill gas; and 4. geotechnical instability.
P3-L2	Post-closure care of the landfill unit must be conducted until it can be shown that no release of waste materials, **leachate**, landfill gas or other contaminants to the environment is likely.
P3-L3	A site management plan pursuant to the *Environmental Protection Act 1994* and other relevant legislation must be developed and provided to the administering authority at least 12 months before the expected final receipt of wastes in the landfill unit.
P3-L4	Effective fire-breaks must be provided and maintained at all licensed sites.
P3-L5	A pest management plan must be developed and implemented to manage invasive species and nuisance vectors on site.

Part 3.1 – Conditions Specific to Hogans Pocket Landfill

Environmentally relevant activity	Location
Prescribed ERA, ERA 60 - Waste disposal, 2: Operating a facility for disposing of, in a year, the following quantity of waste mentioned in subsection (1) (b), (g) more than 100,000t but not more than 200,000t	**Hogans Pocket Landfill**, Hogans Pocket Road, Eton QLD 4741 - Lot 1602 Plan C124429, Lot 1414 Plan C124329 & Lot 68 Plan C124768

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: Air

Condition number	Condition
P3.1-A1	Contaminants generated by the activity must only be released to air when the following requirements are complied with: 1. releases to air must only occur from the point sources identified and in accordance with the release limits specified in *Part 3.1 Table 1: Point source air release limits*; and. 2. releases to air must be monitored at all monitoring locations and at the minimum monitoring frequency for each contaminant specified in *Part 3.1 Table 1: Point source air release limits*

Part 3.1 Table 1 Point source air release limits

Release Point and Monitoring point	Minimum release height above ground (m)	Minimum velocity (m/s)	Contaminant released	Maximum release limit mg/Nm3, dry @ 7% O_2	Monitoring frequency
Vaporisation Unit stack 1: GDA2020/MGA E704125 N7637253 Zone 55 **Vaporisation Unit** stack 2: GDA2020/MGA E704126 N7637253 Zone 55	6.5	3	Oxides of nitrogen (as NO_2)	350	Upon commissioning of the **vaporisation unit,** and every 6 months thereafter
			Oxides of sulphur (sulphur dioxide and sulphur trioxide as SO_2 equivalent)	100	
			Hydrogen chloride (HCl)	100	
			antimony, arsenic, cadmium, lead mercury beryllium, chromium, cobalt, manganese, nickel and selenium in aggregate.	1*	
			Volatile organic	40*	

	<table><tr><td></td><td></td><td></td><td>compounds (VOCs), as n-propane</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>Ammonia, Ammonia salts</td><td>-</td><td></td></tr><tr><td></td><td></td><td></td><td>**PFAS compounds**</td><td>-</td><td></td></tr><tr><td></td><td></td><td></td><td>Odour</td><td>-</td><td></td></tr></table> * Combined limit
P3.1-A1.1	The release of contaminants from the point sources identified in *Part 3.1 Table 1: Point source air release limits* must be directed vertically upwards without any impedance or hindrance.
P3.1-A1.2	All monitoring required by condition P3.1-A1 must be undertaken during a release when emissions are expected to be representative of actual operating conditions for the sample period.
P3.1-A1.3	For all monitoring required by condition P3.1-A1, records must be kept of all monitoring results and operational conditions applying during monitoring that may affect emission composition or emission rates.
P3.1-A1.4	For all monitoring required by condition P3.1-A1, all monitoring devices must be effectively calibrated and maintained in accordance with the manufacturer's instructions and Australian and international standards.
P3.1-A1.5	All monitoring required by condition P3.1-A1 must be in accordance with the current edition of the administering authority's Air Quality Sampling Manual. If monitoring requirements are not described in the administering authority's Air Quality Sampling Manual, monitoring protocols must be in accordance with a method as approved by New South Wales Environmental Protection Authority, Victorian Environmental Protection Authority or United States Environmental Protection Agency.
P3.1-A1.6	All monitoring required by condition P3.1-A1 must comply with the Australian Standard AS 4323.1. Stationary source emissions, Method 1: Selection of sampling positions and measurement of velocity in stacks.
P3.1-A1.7	All monitoring required by condition P3.1-A1 must be conducted by an experienced person or body which holds current National Association of Testing Authorities (NATA) where NATA accreditation is available for the test.
P3.1-A1.8	For all monitoring required by condition P3.1-A1, monitoring of **PFAS compounds** must be carried out according to the Modified US EPA Other Test Method 45 - (OTM-45) Measurement of Selected Per- and Polyfluorinated Alkyl Substances from Stationary Sources.
P3.1-A2	The following tests must be performed for monitoring required by condition **P3.1-A1**: 1. Gas velocity and volume flow rate; and 2. Temperature and oxygen content; and 3. Water vapour concentration.
P3.1-A3	During the sampling period for all monitoring required by condition **P3.1-A1** the following additional information must be gathered: 1. **Leachate** feed rate at the time of sampling to an accuracy of ±5%; and 2. **Leachate** vaporisation rate; and 3. Air flow rate; and

<table>
<tr><td></td><td>4. Any factors that may influence air pollutant emissions; and
5. Reference to the actual test methods and their accuracy.</td></tr>
<tr><td>P3.1-A4</td><td>Leachate influent and leachate concentrate effluent volumes must be monitored daily, when vaporisation unit is in operation. The leachate influent volume must be measured using a flow meter, and the leachate concentrate effluent volume must be calculated using appropriate volume calculation method or other suitable method. Records must be kept.</td></tr>
<tr><td>P3.1-A5</td><td>Leachate influent must be monitored in accordance with Part 3.1 Table 2 – Leachate quality monitoring
Part 3.1 Table 2 – Leachate quality monitoring
<table>
<tr><th>Monitoring Location</th><th>Quality characteristic (units)</th><th>Minimum monitoring frequency</th></tr>
<tr><td rowspan="5">vaporisation unit inlet</td><td>Chloride
(Cl-) (mg/L)</td><td rowspan="5">Every 6 months</td></tr>
<tr><td>antimony, arsenic, cadmium, lead
mercury
beryllium, chromium, cobalt, manganese, nickel and selenium in aggregate.
(mg/L)</td></tr>
<tr><td>Volatile organic compounds
(VOCs),
(mg/L)</td></tr>
<tr><td>PFAS compounds
(µg/L)</td></tr>
<tr><td>Ammonia as N, Ammonia salts
(mg/L)</td></tr>
</table></td></tr>
<tr><td>P3.1-A5.1</td><td>All Leachate influent monitoring required by condition P3.1-A5 must be in accordance with the methods prescribed in the current edition of the administering authority's Water Quality and Sampling Manual.</td></tr>
<tr><td>P3.1-A5.2</td><td>All leachate influent monitoring required by condition P3.1-A5, must be conducted by an experienced person or body which holds current National Association of Testing Authorities (NATA) where NATA accreditation is available for the test.</td></tr>
<tr><td>P3.1-A5.3</td><td>For all leachate influent monitoring required by condition P3.1-A5, monitoring devices must be correctly calibrated and maintained.</td></tr>
<tr><td>P3.1-A5.4</td><td>For all leachate influent monitoring required by condition P3.1-A5, monitoring of PFAS Compounds must be consistent with recommendations in the current PFAS National Environmental Management Plan.</td></tr>
</table>

P3.1-A6	Only landfill gas, liquid petroleum gas, ethanol or diesel are to be used as the combustion fuel for the **vaporisation unit.**

Part 4 – Conditions Specific to Sewage Treatment Activities

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no- release works, with a total daily peak design capacity of, (f) more than 50,000 but not more than 100,000EP	Mackay South Water Recycling Facility, Temples Lane, Bakers Creek - Lot 1 on RP900909, Lot 4 on RP900911, Lot 4 on SP143870 & Lot 154 on SP112957 Mt Bassett Waste Water Treatment Plant, 355 Mount Bassett Cemetery Road, North Mackay - Lot 355 Plan CI2914
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no- release works, with a total daily peak design capacity of, (b-ii) more than 100 but not more than 1500EP otherwise	Seaforth Camp ground, 2/22 Palm Avenue, Seaforth - Lot 464 Plan CI3953
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no- release works, with a total daily peak design capacity of, (e) more than 10,000 but not more than 50,000EP	Mackay North Water Recycling Facility, Bucasia Road, Bucasia - Lot 1 Plan SP115429 & Lot 2 on AP15875
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no- release works, with a total daily peak design capacity of, (d) more than 4000 but not more than 10,000EP	Sarina Water Recycling Facility, Smyth Road, Sarina – Lot 10 Plan SP244504 Old Sarina WWTP, Brewers Road, Sarina – Lot 1 Plan RP723668

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P4-G1	This environmental authority authorises the construction and operation of: 1. A sewage treatment plant with a maximum daily treatment design capacity of no more than 100 000 equivalent person (EP) at Lot 1 on RP900909, Lot 4 on RP900911, Lot 4 on SP143870, Lot154 on SP112957 and Lot 355 CI2914; 2. A sewage treatment plant with a maximum daily treatment design capacity of no more than 50 000 EP at Lot 1 Plan SP115429 and Lot 2 on AP15875; 3. A sewage treatment plant with a maximum daily treatment design capacity of no more than 10 000 EP at Lot 1 Plan RP723668 and Lot 10 SP244504; 4. A sewage treatment plant with a maximum daily treatment design capacity of no more than 1 500 EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme at Lot 464 Plan CI3953.
P4-G2	Any place authorised under this part and treating more than 1,500 EP is able to receive sewage sludge and residues, including nightsoil and septic tank sludge.
P4-G3	The Mackay South Water Recycling Facility and associated sewage network is able to receive **leachate** from council landfills and waste brine from council Water Treatment Plants. The

	holder of this authority must record the volume of **leachate** and waste brine disposed of at the Mackay south facility and associated sewage network.
P4-G4	No **leachate** is to be accepted at the Temples Lane facility when flows into the plant are in excess of 3 x **DADWF**.
P4-G5	The holder of this authority must implement and maintain a recycling and re-use program for post treatment discharges. The program must outline but not be limited to: 1. investigation of the feasibility of alternative options, practices and procedures to minimise the volume and concentration of contaminants released to waters; and 2. practices and procedures to maintain minimal mass loads **for total nitrogen** and **total phosphorus** released into the receiving environment.
P4-G6	An annual monitoring report must be prepared for each site licensed under this authority each year and presented to the **administering authority** when requested. This report shall include but not be limited to: 1. updates to any reports or programs required under this authority; 2. monitoring results obtained under this authority; 3. an analysis of the data from any monitoring programs; 4. all records kept under this authority; 5. records of non-notifiable events such as equipment failures or minor releases; 6. actions taken or proposed to minimise the environmental risk from the activity; 7. the number of domestic tenements newly connected to the sewage treatment works during the previous twelve (12) months and the progressive total number of connections; and 8. a summary of any trade waste agreements entered into or amended during the year, including the nature of the industry.
P4-G7	The holder of this authority 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: 1. poses a threat to public health (e.g. contamination of waters with primary recreation values); 2. results in any observable environmental impact (e.g. fish kill, distress to wildlife, marine plants or other aquatic life); 3. discharges to, or is likely to impact, a sensitive environment (e.g. Ramsar wetland, marine park, or area designated as a conservation zone under a relevant planning scheme); or 4. is 10 000 litres or more during dry weather.
P4-G8	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.
P4-G9	All releases that are not notifiable releases must be reported to the **administering authority** in the form of an annual report.
P4-G10	Annual reports must clearly identify: 1. the number of releases; 2. the volume (or estimate of the volume) of each release; and 3. the location of each release.

P4-G11	For all sites that release to waters the holder of this approval must implement and keep records of a Receiving Environment Monitoring Program (REMP) to monitor the effects of the release of contaminants on the 'receiving environment'. The REMP must address at least the following: 1. a description of applicable **environmental values** and water quality objectives to be achieved in the receiving environment including the identification of specific contaminant concentrations or levels established to indicate adverse environmental impacts; 2. a description of the selected physiochemical (including but not limited to pH, **total nitrogen**, **total phosphorous**, ammonia, dissolved oxygen, total suspended solids) and biological factors including but not limited to Enterococci and algal monitoring and the reason for their inclusion; 3. the specific location and depth of monitoring points, including transects monitoring, outfall and control locations of each point to the outfall and recording the time and tidal situation and current; 4. the frequency of sampling and analysis which must consider guideline requirements for sampling events in a reporting period; 5. identify environmental concerns; 6. determine natural and human induced factors affecting the receiving environment; 7. determine the ambient water quality of receiving environment; and 8. the spatial **boundaries** of the study will be determined on a receiving environment basis. *The spatial extent on water monitoring associated with the REMP may be limited during times of wet weather due to safety of access to upstream and downstream monitoring locations.*
P4-G12	Authorised sites above 1,500EP must be provided with an emergency power source.

<table>
<tr><th colspan="2">Agency interest: Water</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>P4-WT1</td><td>Release to water must only occur:
1. In compliance with water quality limits for release;
2. for Mackay South Water Recycling facility when the rainfall trigger is met[1];
3. for Mackay North Water Recycling Facility only during ebbing tide from 1 hour prior to local high tide until three hours after local high tide. For flow events greater than 3 X DADWF, discharges can occur during alternative tidal periods, except for two hours before and after low tide; and
4. for Mackay North Water Recycling Facility releases around-diurnal high tide days; the release volume for the diurnal high tide day, the two days prior and the two days after are to be averaged out (and used for assessment against the maximum daily release volume) if the release volume for the day prior or the day after exceeds the maximum daily release volume.
[1] The rainfall trigger allows 500ML of release over a 5 day period following 30mm recorded as received at the treatment site.</td></tr>
<tr><td>P4-WT2</td><td>The storages associated with the Mackay South Water Recycling Facility must have the capacity to store at least 2,740 mega litres of treated effluent.</td></tr>
<tr><td>P4-WT3</td><td>The following records must be kept for each release via an authorised release point:
1. monitoring data;
2. an estimation of flow in, and a description of, the receiving environment;
3. the volume released; and
4. at Mackay South Water Recycling Facility, rainfall trigger data.</td></tr>
<tr><td>P4-WT4</td><td>Following a release of untreated or partially treated effluent downstream commercial and industrial users must be notified as soon as possible. Records must be kept of these notifications.</td></tr>
<tr><td>P4-WT5</td><td>Calculate and keep records of mass loads of total nitrogen and total phosphorus released to waters. Mass loads must be calculated using the following formula and must comply with the limits listed in Part 4 - Tables 1 and 2.
Annual Mass Load = [yearly median concentration mg/L x average annual ADWF ML/day x number of days releases to waters occur in a year]</td></tr>
<tr><td>P4-WT6</td><td>Records must be kept showing compliance with Part 4 - Table 1 and Table 2
Part 4 - Table 1 - Mass Load limits – Mackay South Water Recycling Facility Temples Lane
<table>
<tr><th>Release point</th><th>Contaminant</th><th>Release limit (kg/year)</th><th>Limit type</th></tr>
<tr><td rowspan="2">W1 & W3</td><td>Total Nitrogen</td><td>61399</td><td>Maximum</td></tr>
<tr><td>Total Phosphorus</td><td>12280</td><td>Maximum</td></tr>
</table>
Part 4 - Table 2 - Mass Load limits - Mackay North Water Recycling Facility Bucasia Dump Road
<table>
<tr><th>Release point</th><th>Contaminant</th><th>Release limit (kg/year)</th><th>Limit type</th></tr>
</table></td></tr>
</table>

	W1	Total Nitrogen	8950	Maximum
		Total Phosphorus	1790	Maximum

P4-WT7

The total volumes to be released to waters for dry weather days and **wet weather days** are shown in *Part 4 - Table 3 - Total volumes release to waters on dry weather days and wet weather days.*

Part 4 - Table 3 - Total volumes release to waters on dry weather days and wet weather days

Release Point	Maximum release on any dry weather day (unit)	Maximum release on any wet weather day (unit)
Mackay South Water Recycling Facility W1 and W3	-	500 (ML) released over a 5 day period when 30mm of rain has been received and recorded at the treatment plant site.
Mackay North Water Recycling Facility W1	4.9 (ML)	24.5 (ML)
Sarina WRF	2.160 (ML)	9.2 (ML)

P4-WT8

Treated effluent may only be released to Plane Creek in compliance with *Part 4 Table 4 - Contaminant release limits to waters - Sarina Water Recycling Facility.*

Part 4 - Table 4 - Contaminant release limits to waters - Sarina Water Recycling Facility

Release Location	Quality characteristics	Limit Type	Limit	Monitoring frequency
GDA2020 coordinates - 21.41598704, 149.2449071 SW1 - Plant outfall Pipe to Plane Creek	5-day Biochemical Oxygen Demand (inhibited)	Maximum	15 mg/L	**Weekly**
	Suspended Solids	Maximum	15 mg/L	
	pH	Range	6.5 – 8.5	
	Total Nitrogen (TN)	Maximum	15 mg/L	
		Long Term 50th Percentile	5 mg/L	
		Short Term 50th Percentile	8.5mg/L	
	Total Phosphorus (TP)	Maximum	3 mg/L	
		Long Term 50th Percentile	1 mg/L	
		Short Term 50th Percentile	1.7 mg/L	
	Thermotolerant Coliforms	Long Term 50th Percentile	150 CFU/100mL / MPN/100mL	
		Maximum	600	

				CFU/100mL / MPN/100mL	
		Enterococci	Long Term 50th Percentile	40 CFU/100mL	
			Maximum	200 CFU/100mL	
		Ammonia	Long Term 50th Percentile	0.5mg/L	
			Short Term 50th Percentile	2.3 mg/L	
			Maximum	3 mg/L	
		Dissolved Oxygen	Minimum	2 mg/L	

P4-WT9	Samples that are taken for the purposes of determining compliance with condition P4-WT8 must be taken at the end point of the sewage treatment train situated at Lot 10 on SP244504.
P4-WT10	Treated effluent may only be released to Bakers Creek and RWS2 from Mackay South Water Recycling Facility (MSWRF) in compliance with *Part 4 - Table 5: Contaminant release limits to waters - Mackay South Water Recycling Facility Temples Lane.*

Part 4 - Table 5: Contaminant release limits to waters - Mackay South Water Recycling Facility Temples Lane

Release Location	Quality characteristics	Limit Type	Limit	Monitoring frequency
GDA2020 coordinates - 21.20568703, 149.1252401 W1 - Discharge to Bakers Creek from MSWRF and GDA2020 coordinates - 21.20725403, 149.1152571) W3 - Discharge to Bakers Creek from RWS2 (Recycled Water Storage 2)	5-day Biochemical Oxygen Demand (inhibited)	Maximum	20 mg/L	**Weekly** During Discharge Events
	Suspended Solids	Maximum	30 mg/L	
	pH	Range	6.0 – 8.5	
	Total Nitrogen	Maximum	30 mg/L	
	Total Phosphorus	Maximum	15 mg/L	
	Thermotolerant Coliforms	Long Term 50th Percentile	150 CFU/100mL	
		Long Term 90th Percentile	1,000 CFU/100mL	
		Maximum	4,000 CFU/100mL / MPN/100mL	
	Ammonia			
		Maximum	6 mg/L	
	Dissolved Oxygen	Minimum	2 mg/L	

P4-WT11

Treated effluent may only be released to waters from Mackay North Water Recycling Facility (MNWRF) in compliance with *Part 4 - Table 6 - Contaminant release limits to waters – Mackay North Water Recycling Facility.*.

Part 4 - Table 6 - Contaminant release limits to waters – Mackay North Water Recycling Facility

Release Location	Quality characteristics	Limit Type	Limit	Monitoring frequency
GDA2020 coordinates - 21.02158703, 149.1317401) W1 - Discharge to Reliance Creek	5-day Biochemical Oxygen Demand (inhibited)	Maximum	20 mg/L	**Weekly**
	Suspended Solids	Maximum	30 mg/L	
	pH	Range	6.0 – 8.5	
	Total Nitrogen (TN)	Maximum	30 mg/L	
	Total Phosphorus (TP)	Maximum	15 mg/L	
	Thermotolerant Coliforms	Long Term 50th Percentile	150 CFU /100mL / MPN/100mL	
		Long Term 90th Percentile	1,000 CFU /100mL / MPN/100mL	
		Maximum	4,000 CFU /100mL / MPN/100mL	
	Ammonia	Long Term 90th Percentile	3 mg/L	
		Maximum	6 mg/L	
	Dissolved Oxygen	Minimum	2 mg/L	

P4-WT12

Records of monitoring undertaken must be kept and made available to the **administering authority** on request.

P4-WT13

All determinations of the quality of the contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements, such as accredited by the National Association Testing Authority (NATA).

P4-WT14

Disinfection is to occur as per *Part 4 - Table 8 – Disinfection of release to waters*.

Part 4 - Table 8 - Disinfection of release to waters

Site	Release Point	Less than 3*DADWF	Greater than 3*DADWF

	MSWRF (receiving environment)	W1	UV Disinfection	None
	MSWRF (storages)	W3	Chlorination	None
	MNWRF	W1	UV Disinfection	None
	SWRF	SW1	Disinfection by means other than chlorination	None

P4-WT15	Disinfection of effluent discharged to waters must be undertaken using forms of disinfection as per *Part 4 – Table 8 – Disinfection of release to waters*. The disinfection criteria specified in *Part 4 - Tables 4 to 7* shall not apply to events greater than 3 x **DADWF** however hydraulically the disinfection systems are to accommodate greater than 5 x **DADWF**.
P4-WT16	**Bypass** flow events must only occur for wet weather related flows that are in excess of the 3 x **DADWF** specified in *Table 9 – 3 x **DADWF** at WWTP*. You must record the time, date and the volume of flow for each bypass release.

Part 4 - Table 9 - 3 x DADWF at WWTP

Facility	Address	3 X DADWF	
		L/s Instantaneous Flow	ML/day
MSWRF	Temples Lane Te Kowai QLD 4740	740	63.94
MNWRF	Bucasia Dump Road Bucasia QLD 4750	170	14.7
SWRF	Smyth Road, Sarina QLD 4737	69	6

P4-WT17	**Bypass** releases must be screened prior to being released.
P4-WT18	The **administering authority** must be notified within 24 hours of any **bypass** release ceasing.
P4-WT19	The following details must be recorded in relation to each **bypass** release: 1. the start time, date and duration of the release; 2. the estimated volume of the bypass release; 3. the level of treatment at the sewage treatment plant prior to discharge; 4. the cause of the release; and 5. any monitoring of the water quality released.
Agency interest: Land	
Condition number	**Condition**
P4-L1	The only contaminants permitted to be released to land are: 1. treated effluent in compliance with the limits levels stated in Part 4 - Table 10 - Contaminant release limits to land; and 2. otherwise as stated in the conditions of this authority.

Part 4 - Table 10 - Contaminant Release Limits to Land

Monitoring location	Water Quality Characteristics	Limit Type	Limit	Monitoring Frequency
W2 - Point of transfer to MSWRF RWS's & Point of transfer to MNWRF recycled water users and Point of transfer to SWRF recycled water users	5-day BOD	Maximum	20mg/L	Monthly
	Suspended Solids	Maximum	30mg/L	**Weekly**
	pH	Range	6.0 – 8.5	**Weekly**
	Total Nitrogen (TP)	Long-term 50th Percentile	10 mg/L	**Weekly**
		Maximum	30 mg/L	**Weekly**
	Total Phosphorus (TP)	Long-term 50th Percentile	8 mg/L	**Weekly**
		Maximum	15 mg/L	**Weekly**
	Thermotolerant Coliforms	Long-term 50th Percentile	1,000 CFU/100mL / MPN/100mL	**Weekly**
		Maximum	4,000 CFU/100mL / MPN/100mL	**Weekly**
	Volume	-	Litres	Daily
Outlet from treated effluent storage tank at Seaforth	5-day BOD	Maximum	20mg/L	Quarterly
	Suspended Solids.	Maximum	30mg/L	Quarterly
	Thermotolerant Coliforms	Maximum	4,000 CFU/100mL/ MPN/100mL	Quarterly

P4-L2	Records of monitoring undertaken as per condition P4-L1 must be kept and made available to the **administering authority** on request.
P4-L3	The brokerage of treated effluent shall only occur under written contract stating that the transferee and transferor acknowledge the General Environmental Duty.
P4-L4	All irrigated area must have visible signage identifying that irrigation of treated effluent is taking place.
Agency interest: Waste	
Condition number	**Condition**
P4-WS1	A record must be kept of all waste received on site or transferred off site.
P4-WS2	Screenings, grit and sludge generated by the sewage treatment process must not be stored on site for any period of time longer than that necessary to dewater the screenings, grit and sludge and prepare it for transport.
P4-WS3	The treatment and storage of screenings, grit and sludge on site for the purposes of dewatering and preparation for transport must be carried out using all necessary and appropriate means to minimise the release of contaminants to the surrounding

	environment. This includes, but is not limited to: 1. the release of contaminants to any water (including stormwater and groundwater); 2. the release of odour producing compounds to the atmosphere; and 3. the release of dust.

Part 5 – Conditions specific to water treatment activity

Environmentally relevant activity/activities	Location(s)
64-(3) Water treatment >10ML raw water day	Nebo Road Water Treatment Plant, West Mackay - Lot 389 Plan SP237091

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P5-G1	Records of monitoring undertaken under this part must be kept and made available to the **administering authority** on request.
P5-G2	**Notifiable Release** The holder of this authority 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 release into Kaliguil Lagoons that results in any observable environmental impact (e.g. fish kill, distress to wildlife, marine plants or other aquatic life).
P5-G3	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.
P5-G4	All releases that are not notifiable releases must be reported to the **administering authority** in the form of an annual report.
P5-G5	Annual reports outlining all releases in accordance with Condition P5-G4 must clearly identified: 1. the number of releases; 2. the volume (or estimate of the volume) of each release; and 3. the location of each release.
Agency interest: Water	
Condition number	**Condition**
P5-WT1	The only permitted release to waters from the facility is treated wastewater from the municipal water treatment.
P5-WT2	Contaminants must only be released to Kaliguil Lagoon in compliance with Part 5 – Table 1. **Part 5 - Table 1 - Release limits to waters**

Monitoring / Release Point	Quality Characteristics	Min.	Long- term 90th Percentile		Max.	Monitoring Frequency

	LAG1 GDA2020 coordinates - 21.16109704, 149.1585671)	Total Suspended solids (mg/L)	-	20		50	**Weekly**
		pH	6.5	-		8.5	**Weekly**
		Dissolved Oxygen (mg/L)	2	-		-	**Weekly**
		Soluble Aluminium (mg/L)	-	1		-	**Weekly**

Definitions for Parts 1 to 5

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the ERAs, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of the Environment, Tourism, Science and Innovation or its successor or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Average dry weather flow (ADWF) is the average flow measure over a period of seven consecutive days, the period to be chosen such that rainfall is less than 2.5mm/day, infiltration of stormwater into the sewage system is at a minimum and any abnormal influences such as public holidays are excluded.

Boundary means within 1m of the cadastral **boundary** of the authorised place.

Bypass means when the standard treatment processes of the plant do not occur as a result of wet weather and inflows that are in excess of the peak design capacity for inflow (i.e. three times the Design Average Dry Weather Flow) resulting in the release of untreated or partially treated effluent from the sewage treatment plant to the environment.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Design average dry weather flow (DADWF) means the average dry weather flow of the treatment plant at the design horizon.

Dry weather day means a day during which less than 1 mm of rainfall is recorded at any rainfall measuring station as agreed between council and the administering authority within the sewerage system connected to the wastewater treatment plant. The term also excludes days during which recorded rainfall over the fourteen (14) preceding days exceed 50mm.

Environmental nuisance (the EP Act) is unreasonable interference or likely interference with an **environmental value** caused by—

1. aerosols, fumes, light, noise, odour, particles or smoke; or
2. an unhealthy, offensive or unsightly condition because of contamination; or
3. another way prescribed by regulation.

Environmental value (the EP Act) is—

1. a quality or physical characteristic of the environment that is conducive to ecological health or public amenity or safety; or
2. another quality of the environment identified and declared to be an environmental value under an environmental protection policy or regulation.

Leachate means a **liquid** that has passed through or emerged from, or is likely to have passed through or emerged from, a material stored, processed or disposed of at the site that contains soluble, suspended or miscible contaminants likely to have been derived from the said material.

Long-term 50th percentile means the median value of the measured values in ranked order of the quality characteristic is not to exceed the stated release limit for any fifty two (52) consecutive samples where:

1. the consecutive samples are taken at approximately equal periods; and

2. the time interval between the taking of each consecutive sample is not less than six (6) days.

Long term 90th percentile means that not more than five (5) of the measured values of the quality characteristic are to exceed the stated release limit for any fifty two (52) consecutive samples where:

1. the consecutive samples are taken at approximately equal periods; and
2. the time interval between the taking of each consecutive sample is not less than six (days) nor greater than eleven (11) days.

Measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

Noxious means harmful or injurious to health or physical well-being.

Offensive means causing offence or displeasure; is unreasonably disagreeable to the sense; disgusting, nauseous or repulsive.

PFAS Compounds means the determination of at least 28 commercially available PFAS that are provided for analysis by more than one service provider.

Prescribed contaminants means contaminants listed within Schedule 10 of the *Environmental Protection Regulation 2019.*

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature *Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
6. a public thoroughfare, park or gardens; or
7. for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2019.*

Short term 50th percentile means that the median values in ranked order of the quality characteristics is not to exceed the stated release limit for any five (5) consecutive samples where:

1. the consecutive samples are taking over a five (5) week period;
2. the consecutive samples are taken at approximately equal periods; and
3. the time interval between the taken of each consecutive sample is not less than six (6) days nor greater than eleven (11) days.

Vaporisation unit means the active **leachate** management unit, which is used for the accelerated vaporisation of **leachate** at the site.

Weekly means that a sample is collected each week and the subsequent sample may be taken on the seventh day or eight day following that day and is inclusive of Saturdays and Sundays) i.e. on the same day every week or day rolling forward each week this week Monday, next week Tuesday.

Wet weather day means a day during which greater than 1 mm of rainfall is recorded at any rainfall measuring station as agreed between council and the administering authority within the sewer area connected to the wastewater treatment plant. The term also includes days during which recorded rainfall over the fourteen (14) preceding days exceed 50mm

You means the holder of the environmental authority.

Part 6 – Conditions for sewage treatment at Mirani Water Recycling Facility

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (d) more than 4000 but not more than 10,000EP	Lot 908/SP28745
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (d) more than 4000 but not more than 10,000EP	Lot 1/SP140442

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P6-G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following limitations: 1. This environmental authority authorises the construction and operation of a sewage treatment plant (the Water Recycling Facility) with a maximum daily treatment design capacity of no more than 7000 equivalent persons (EP) at Lot 1 on Plan SP140442 2. Inflows must not exceed the peak design capacity of 3 times the **Design Average Dry Weather Flow (DADWF) of** 56 L/s instantaneous flow on any **day** unless the standard treatment processes of the plant are **bypassed**.
P6-G2	Other than as permitted by this environmental authority, **the release of a contaminant into the environment** must not occur.
P6-G3	All information and records required by the conditions of this environmental authority must be kept for a minimum of five years with the exception of environmental monitoring results which must be kept until surrender of this environmental authority. All information and records required by the conditions of this environmental authority must be provided to the **administering authority** upon request and in the format requested.
P6-G4	An **appropriately qualified person(s)** must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
P6-G5	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system**.
P6-G6	A receiving environment monitoring program must be designed and implemented by an appropriately qualified person(s) to monitor the effects of the **activity** on **waters**.
P6-G7	The **receiving environment monitoring program (REMP)** required by condition P6-G8. must include at least the following: a) A description of applicable **environmental values** and water quality objectives for the receiving environment including the identification of specific contaminant concentrations or levels established to indicate adverse environmental impacts, taking into consideration any temporal variation (e.g. seasonality);

	b) A description of the selected physiochemical (including but not limited to pH, **total nitrogen**, **total phosphorous**, ammonia, dissolved oxygen, total suspended solids, chlorine) and biological factors including but not limited to Enterococci and algal monitoring to be monitored as a part of the REMP and the reason for their inclusion; c) The frequency of sampling and analysis, which must consider guideline requirements for sampling events in a reporting period; d) Records of the specific location and depth of monitoring points, including transects monitoring, outfall, and control locations of each point relative to the outfall and recording the time and tidal situation and current of receiving waters when monitoring is undertaken; e) An analysis of the results obtained, including a determination of whether there has been any impact from the releases of the activity on **environmental values** and water quality objectives of the receiving environment; and f) Any relevant reports prepared by other governmental or professional research organisations that relate to the receiving environment within which the **receiving environment monitoring program** is proposed.
P6-G8	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) certification, or an equivalent certification, for such analyses. The only exception to this condition is for in situ monitoring of dissolved oxygen, pH, free chlorine.
P6-G9	An annual monitoring report must be prepared each year for the preceding calendar year, and submitted to the administering authority upon request.
P6-G10	**You** must record the following details for all environmental complaints received: 1. date and time complaint was received 2. name and contact details of the complainant when provided and authorised by the complainant 3. nature of the complaint 4. investigations undertaken 5. conclusions formed 6. actions taken.

P6-G11	When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority** to investigate a complaint of **environmental nuisance** arising from the **activity**. The monitoring results must be provided within 10 business days to the **administering authority** upon its request.
P6-G12	**The activity** must be undertaken in accordance with written procedures that: 1. identify potential risks to the environment from the activity during routine operations, closure and an emergency 2. establish and maintain control **measures** that minimise the potential for environmental harm 3. ensure plant, equipment and **measures** are maintained in a proper and effective condition 4. ensure plant, equipment and **measures** are operated in a proper and effective manner 5. ensure that staff are trained in and aware of their obligations under the *Environmental Protection Act 1994* 6. ensure that reviews of environmental performance are undertaken at least annually.
P6-G13	Treated sewage effluent may be removed from the site and used for an alternate purpose, with the written consent of any third party involved.
P6-G14	The sewage treatment plant is able to receive sewage sludge and residues, including nightsoil and septic tank sludge for stabilisation and dewatering.
P6-G15	All waste generated in carrying out the **activity** must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
Agency interest: Noise	
Condition number	**Condition**
P6-N1	Other than as permitted within this environmental authority, noise generated by the **activity** must not cause environmental nuisance to any **sensitive place** or **commercial place**.
Agency interest: Air	
Condition number	**Condition**
P6-A1	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause **environmental nuisance** at a **sensitive place** or **commercial place**.

P6-A2

Contaminants must only be released to air from the point source(s) in accordance with Table 1 – Point source air release location.

Part 6 - Table 1 – Point source air release location

Release Point	Easting	Northing	Permitted releases
Stack of the Air Treatment Facility	695721.934	7658739.473	Treated emissions of the Air Treatment Facility

Agency interest: Land

Condition number	Condition
P6-L1	Contaminants must not be released to **land**.

Agency interest: Water

Condition number	Condition
P6-WT1	a) The only contaminants to be released to surface **waters** excluding **bypass** releases covered by water conditions P6-WT6 and P6-WT7 are from the sewage treatment plant, 60ML dam and 300ML dam to **waters** described as the adjacent cane drain flowing to De Moleyns Lagoon in accordance with Part 6 – Table 2– Surface water releases and the associated requirements. b) Monitoring of contaminant releases to **waters** excluding **bypass** releases covered by water conditions P6-WT6 and P6-WT7 must be undertaken in accordance with Part 6 – Table 2 – Surface water releases and the associated requirements and records of the results must be kept.

Part 6 – Table 2 – Surface water releases

Release points	Quality characteristic	Limit type	Limit (units)	Monitoring points	Monitoring frequency
-	Total volume outflow from the Water Recycling Facility	No limit	ML	MP1	Daily
W1 and W2	Total volume released to waters	Maximum	40% of annual total volume outflow from the Water Recycling Facility, ML	W1 and W2	Daily when a release occurs
	Free Chlorine	Maximum	0.7 mg/L	W1 and W2	
	5-day Biochemical	Maximum	20 mg/L	MP2	Weekly

	Oxygen Demand (**BOD5**)				
	Total Suspended solids	Maximum	30 mg/L		
	pH	Range	6.5-8.5		
	Total Nitrogen (TN)	Maximum	30 mg/L		
	Total Phosphorus (TP)	Maximum	15 mg/L		
	Thermotolerant Coliforms	Maximum	600 cfu/100mL / MPN/100mL		
	Ammonia	Long-term 90th percentile	3 mg/L		
		Maximum	6 mg/L		
	Dissolved Oxygen	Minimum	2 mg/L		

Associated requirements

1. Releases to waters are only permitted when there is sufficient water in the cane drain to achieve a minimum of one part effluent to five parts stream dilution.
2. Release Point W1 is located at GDA2020 coordinates -21.16358701, 148.8861871, and all controlled releases from the Water Recycling Facility and the 60ML storage dam must be released through W1 (refer to Part 6 Attachment 1 – Release points and Monitoring Points).
3. Release Point W2 is located at GDA2020 coordinates -21.1685460129234, 148.892601115176), and all controlled releases from 300ML storage dam must be released through W2 (refer to Part 6 Attachment 1 – Release points and Monitoring Points).
4. Monitoring Point MP1 is located at the WRF monitors the volume of outflow from the WRF (refer to Part 6 Attachment 1 – Release points and Monitoring Points for the approximate location of MP1).
5. Monitoring Point MP2 is located post disinfection and represents treated effluent leaving the WRF (refer to Part 6 Attachment 1 – Release points and Monitoring Points for the approximate location of MP2).
6. Indicators for TN and TP must be done as 24 hour composite samples.
7. For compliance with the limit for annual volume released to waters, volumes must be calculated on a rolling weekly basis.
8. Sampling and monitoring must be in accordance with the **administering authority's** Water Quality Sampling Manual and all monitoring devices must be effectively calibrated and maintained.
9. Sampling and monitoring must be undertaken when the **activity** is in operation.

	10. Total outflow refers to treated discharges only and excludes flows that are **bypassed**.
P6-WT2	In addition to P6-WT2., the release to **waters** must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other visually objectionable matter excluding **bypass** releases covered by water conditions P6-WT6. and P6-WT7.
P6-WT3	An **appropriately qualified person** must develop and implement an Algae Management Plan for the recycled water storages on the site. This plan must include: a) Identification of conditions in the recycled water storages likely to promote algal blooms; b) Mitigation measures implemented in the recycled water storages to prevent the formation of algal blooms; c) Ongoing monitoring requirements for the recycled water storages to determine the impact of algal blooms on water quality. This must include monitoring of pH, suspended solids and chlorophyll-a (to determine algae biomass), and a determination of the level of toxicity of the algae in the bloom in relation to likelihood of causing adverse impacts to environmental values upon release; d) Mitigation measures to be undertaken to reduce or remove algal blooms from the recycled water storages should algal blooms form; e) Contingency measures to prevent environmental harm from releases, including trigger limits above which releases from the recycled water storages to waters should not be made.
P6-WT4	A downstream inspection must be undertaken one month after releases from the Water Recycling Facility to assess and record any environmental impacts from the discharges.
P6-WT5	The holder of this authority must implement and maintain a recycling and re-use program for post treatment discharges. The program must outline but not be limited to: a) investigation of the feasibility of alternative options, practices and procedures to minimise the volume and concentration of contaminants released to waters b) practices and procedures to maintain minimal mass loads for **total nitrogen** and **total phosphorus** released into the receiving environment.
P6-WT6	**Bypass** releases must be screened prior to being released from release point W3. Release Point W3 is located GDA2020 coordinates -21.1636340123384, 148.886098116167 (refer to Part 6 Attachment 1 – Release points and Monitoring Points).
P6-WT7	The **administering authority** must be notified within 24 hours of any **bypass** release ceasing.
P6-WT8	The following details must be recorded in relation to each **bypass** release: a) the start time, date and duration of the release; b) the estimated volume of the **bypass** release; c) the level of treatment at the sewage treatment plant prior to discharge; d) the cause of the release; and e) any monitoring of the water quality released.

Definitions for Parts 6

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment and Science or its successor or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.

Bypass means when the standard treatment processes of the plant do not occur as a result of wet weather and inflows that are in excess of the peak design capacity for inflow resulting in the release of untreated or partially treated effluent from the sewage treatment plant to the environment.

BOD5 means the 5 day biochemical oxygen demand determined using standard tests (e.g. those used by NATA laboratories). This test is not inhibited for nitrification, otherwise would be referred to as “carbonaceous” BOD.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Day means any 24 hour period.

Design Average Dry Weather Flow (DADWF) means the average dry weather flow of the treatment plant at the design horizon.

Environmental nuisance as defined under Chapter 1 of the *Environmental Protection Act 1994*.

Environmental value as defined under Chapter 1 of the *Environmental Protection Act 1994*.

Long Term 90th percentile means not more than five (5) of the measured values of the quality characteristic are to exceed the stated release limit for any fifty-two (52) consecutive samples where:

1. The consecutive samples are taken at approximately equal periods; and
2. The time interval between the taking of each consecutive sample is not less than six (6) days and not greater than eleven (11) days.

Measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

NATA means National Association of Testing Authorities.

Receiving environment monitoring program means a monitoring program designed to monitor and assess the potential impacts of controlled and/or uncontrolled releases of contaminants to the environment from the activity.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant into the environment means to:

1. deposit, discharge, emit or disturb the contaminant
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed
4. allow the contaminant to escape
5. fail to prevent the contaminant from escaping.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature *Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
6. a public thoroughfare, park or gardens; or
7. for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2019.*

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

Total Nitrogen (TN) means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen, expressed as mg/L as Nitrogen. This includes both the inorganic and organic fraction of nitrogen.

Total Phosphorus (TP) means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

You means the holder of the environmental authority.

Part 6 Attachment 1 – Mirani WRF Release Points and Monitoring Points

Part 7 – Conditions for sewage treatment at Pioneer Valley Mountain Bike Trailhead, Finch Hatton

Environmentally relevant activity/activities	Location(s)
ERA 63 Sewage treatment (1)(a)(i) operating sewage treatment works, other than no-release works, with a total daily peak design capacity of— 21 to 100EP — if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 11 on Plan SP212243

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of the approval.

Agency interest: General	
Condition number	**Condition**
P7-G1.0	Inflows into the sewage treatment plant must not exceed 6,150 L on any **day**.
P7-G2.0	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.
P7-G3.0	Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is: a) an act that causes serious or material environmental harm or an environmental nuisance; or b) an act that contravenes a noise standard; or c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the *Environmental Protection Act 1994.*
P7-G4.0	**Contravention of conditions** Details of any contravention of a condition of this environmental authority must: a) be reported to the **administering authority** within 24 hours of becoming aware of the contravention; and b) include the nature and circumstances of the contravention and any immediate actions taken.
P7-G4.1	As soon as reasonably practicable and within 20 business days of a report made under condition P7-G4.0 (or a longer period agreed to in writing by the **administering authority**), an investigation must be undertaken to determine: a) the potential circumstances and actions that may have contributed to the contravention; and b) the environmental impact of the contravention; and c) reasonable and practicable **measures** that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.
P7-G4.2	As soon as reasonably practicable and within 20 business days of investigating a contravention under condition P7-G4.1 (or a longer period agreed to in writing by the **administering authority**), the reasonable and practicable **measures** identified in the investigation must be implemented.

P7-G4.3	The outcome of the investigation carried out under condition P7-G4.1 and the reasonable and practicable **measures** implemented under condition P7-G4.2 must be recorded.
P7-G5.0	**Complaints** The following details must be recorded for all **complaints** received and provided to the **administering authority** upon request: a) date and time the **complaint** was received; and b) if authorised by the **person** making the **complaint**, their name and contact details; and c) nature and details of the **complaint**.
P7-G5.1	As soon as reasonably practicable and within 5 business days of receiving a **complaint** (or a longer period agreed to in writing by the **administering authority**), an investigation must be undertaken to determine: a) the potential circumstances and actions on **site** that may have contributed to the basis of the **complaint**; and b) reasonable and practicable **measures** that will be implemented to address the **complaint.**
P7-G5.2	As soon as reasonably practicable and within 5 business days of investigating a **complaint** under condition P7-G5.1 (or a longer period agreed to in writing by the **administering authority**), the reasonable and practicable **measures** identified in the investigation must be implemented.
P7-G5.3	The outcome of the investigation carried out under condition P7-G5.1 and the reasonable and practicable **measures** implemented under condition P7-G5.2 must be recorded.
P7-G6.0	**Environmental risk management procedures** Written procedures must be developed and implemented by an **appropriately qualified person** that ensure: a) all potential risks to the environment from the carrying out of the **activity** are identified and assessed, including: i) during routine operations; and ii) outside routine operations (e.g., maintenance, start up and shut down); and iii) during preparation; and iv) in an emergency (e.g., fire, flood or other natural disaster); and b) for each potential risk identified, any necessary **measures** to prevent or minimise the potential for environmental harm are implemented; and c) staff understand their obligations under this environmental authority and the *Environmental Protection Act 1994*; and d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.
P7-G7.0	**Plant and equipment** An **appropriately qualified person** must install, operate, calibrate, and maintain the plant and equipment required to carry out the **activity** (including **monitoring** devices) in a proper and effective manner.
P7-G7.1	**Records** of installation, calibration and maintenance carried out under condition P7-G7.0 must be kept.

<table>
<tr><td>P7-G8.0</td><td>Record keeping

Unless otherwise specified by a condition of this environmental authority, records must be:

a) kept for the period outlined in P7-Table 1 – Record keeping requirements; and
b) provided to the administering authority upon request.

P7-Table 1 – Record keeping requirements
<table><tr><th>Description of records</th><th>Retention requirement</th></tr><tr><td>Monitoring results</td><td>Retain for 15 years.</td></tr><tr><td>All other records</td><td>Retain for 5 years.</td></tr></table></td></tr>
<tr><td>P7-G9.0</td><td>Chemical storage

Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.</td></tr>
<tr><td>P7-G10.0</td><td>Monitoring and sampling

All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an appropriately qualified person.</td></tr>
<tr><td>P7-G10.1</td><td>Unless otherwise authorised in writing by the administering authority, all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.

The only exception to this condition is for in situ monitoring of pH, electronic conductivity, and total chlorine.</td></tr>
<tr><td>P7-G11.0</td><td>Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.</td></tr>
<tr><td colspan="2">Schedule: Air</td></tr>
<tr><td>P7-A1.0</td><td>Odours or airborne contaminants from the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>P7-A2.0</td><td>Effluent spray must not move beyond the Effluent Disposal Area.</td></tr>
<tr><td>P7-A3.0</td><td>Effluent must only be released to the Effluent Disposal Area via subsurface drip irrigation that is buried underneath 150 mm of mulch or natural soil.</td></tr>
<tr><td>P7-A4.0</td><td>Warning signs must be installed and maintained at all land application areas within the Effluent Disposal Area with clearly visible wording that states ‘Recycled Water – Avoid Contact – Do Not Drink’.</td></tr>
<tr><td colspan="2">Schedule: Noise</td></tr>
<tr><td>P7-N1.0</td><td>Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td colspan="2">Schedule: Waste</td></tr>
<tr><td>P7-W1.0</td><td>All waste generated in carrying out the activity must be lawfully reused, recycled or lawfully removed to a facility that can lawfully accept the waste.</td></tr>
</table>

Schedule: Land

P7-L1.0 Contaminants generated by the **activity** must only be released to the **Effluent Disposal Area** shown in Part 7 *Attachment 1 – Pioneer Valley Finch Hatton Mountain Bike Trailhead, Hydraulic Layout Plan*.

P7-L1.1 Contaminants generated by the **activity** must only be released to the **Effluent Disposal Area** where the following requirements are complied with:

a) the release limits for each quality characteristic are complied with at the **monitoring** locations as specified in *P7-Table 2 – Contaminant limits for releases to land*; and

b) releases are **monitored** at all **monitoring** locations and at the minimum **monitoring** frequency for each quality characteristic specified in *P7-Table 2 – Contaminant limits for releases to land.*

P7-Table 2 - Contaminant limits for releases to land

Monitoring location	Quality characteristic (units)	Release limits			Minimum monitoring frequency
		Minimum	Mean	Maximum	
Outflow of the sewage treatment plant before land release. GPS coordinates - 21.14093: 148.63410	Irrigation volume (L/day)	-	920	4,200	Daily
	Irrigation rate (mm/day)	-	0.74	3.5	
	Total Nitrogen TN (mg/L as N)	-	30	-	Monthly
	Total Phosphorus TP (mg/L as P)	-	10	-	Monthly
	pH (pH units)	6	-	8.5	Quarterly
	Thermotolerant Coliforms (CFU/100ml)	-	-	2000	Quarterly
	Electrical Conductivity (EC) (µS/cm)	-	-	1,600	Quarterly
	Total chlorine (mg/L)	-	3.0	5.0	Quarterly

Associated requirement.

1. You must record the date, time and location that **monitoring** was undertaken.

P7-L1.2 **Monitoring** required by condition P7-L1.1 must be undertaken when effluent is being disposed, unless effluent disposal has ceased for longer than the relevant parameters specified minimum frequency (e.g., if pH was only required to be **monitored** once a week, then a pH sample would not be required after the first week following cessation of the release).

P7-L1.3 The irrigation rate **monitoring** required by condition P7-L1.1 must be calculated based on the total area irrigated on that **day**, and the actual volume of effluent irrigated on that same **day**.

P7-L1.4	**Mean** calculations required by condition P7-L1.1 must be taken as a Long-Term Rolling Limit, meaning a limit applied to consecutive samples taken over a 12-month period (on a rolling basis for limit calculations) where consecutive samples are taken at the minimum frequency specified in *Table 2 - Contaminant limits for releases to land.*
P7-L1.5	Volume **monitoring** required by condition P7-L1.1 must be undertaken using a flow meter.
P7-L1.6	The **Effluent Disposal Area** must have a minimum surface area of 1,250 m^2.
P7-L1.7	When soil in the **Effluent Disposal Area** is **saturated**, effluent must not be released to land.
P7-L2.0	All organic material removed from vegetation growing in the irrigation areas identified in Part 7 *Attachment 1 – Pioneer Valley Finch Hatton Mountain Bike Trailhead, Hydraulic Layout Plan*, must be transported and disposed of in an area other than in the **Effluent Disposal Area**.
P7-L3.0	Wet weather storage, with a minimum volume of 48,000 L must be installed and maintained on the **site** for the storage of effluent.
P7-L4.0	Ponding of effluent within the **Effluent Disposal Area** must not occur.
P7-L5.0	Contaminants must not run off to areas beyond the **Effluent Disposal Area**.
P7-L6.0	Soil structure must not be degraded as a result of the **activity**.
P7-L7.0	The build-up of nutrients, salinity, sodicity and heavy metals in the soil and subsoil must be minimised.
P7-L8.0	Vegetation within the **Effluent Disposal Area** must be maintained in a **viable state**.
P7-L8.1	The irrigation areas identified in Part 7 *Attachment 1 – Pioneer Valley Finch Hatton Mountain Bike Trailhead, Hydraulic Layout Plan*, must be maintained with kikuyu vegetation.
Schedule: Water	
P7-WT1.0	Contaminants must not be released to any **waters**.

Definitions for Part 7

Key terms and/or phrases bolded in Part 7 of this environmental authority are defined in this section. Where a term is not defined, the definition in the it has the meaning given to it in (in order of priority):

- the *Environmental Protection Act 1994* (EP Act), its regulations or its environmental protection policies;
- the *Acts Interpretation Act 1954*;
- the Macquarie Dictionary (taking account of the context in which the word or phrase is used in this document).

For example, environmental value, environmental harm, environmental nuisance, material environmental harm are defined in the EP Act and groundwater is defined in the Environmental Protection Regulation 2019.

Defined words or phrases in the singular include the plural and vice versa.

Activity means the environmentally relevant activity(s) to which the environmental authority relates. An activity may be undertaken on the whole or a part of a site.

Administering authority means the Chief Executive administering the *Environmental Protection Act 1994*.

Appropriately qualified person means a person or persons who has professional qualifications, training, skills and experience relevant to the environmental authority (EA) requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods and/or literature.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Complaints means an expression of dissatisfaction, concern or report, whether written or verbal, about the **activity** and/or its impact on the environment.

Day means any 24-hour period of a calendar day.

Effluent disposal area means the areas identified as ‘Zone 1, Zone 2 and Zone 3” in Part 7 A*ttachment 1 – Pioneer Valley Finch Hatton Mountain Bike Trailhead, Hydraulic Layout Plan*.

Groundwater means the water beneath the surface of the ground.

Kikuyu means *Pennisetum clandestinum*.

Land means land excluding **waters** and the atmosphere.

Mean is the sum of a collection of numbers divided by the count of numbers in the collection.
E.g., (n1+n2+n3)/3.

Measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

Monitor, monitored and monitoring means monitoring the impact of an **activity** on the receiving environment and includes analysing, assessing, examining, inspecting, measuring, modelling or reporting any of the following matters—

(a) the quantity, quality, characteristics, timing and variability of the release of any contaminant; and

(b) the effectiveness of any control measure; and

(c) the characteristics of, and impact on, the receiving environment.

Person means an individual and a corporation, as per section 32D of the *Acts Interpretation Act 1954*.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant into the environment or **release** means to:

(a) deposit, discharge, emit or disturb the contaminant; or

(b) cause or allow the contaminant to be deposited, discharged, emitted or disturbed; or

(c) fail to prevent the contaminant from being deposited, discharged emitted or disturbed; or

(d) allow the contaminant to escape; or

(e) fail to prevent the contaminant from escaping.

Saturated means the soil moisture level is greater than the soil field capacity. Field capacity means the amount of water retained in soil when the soil has been allowed to drain for 24hrs under normal gravity conditions.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

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.

Sludge means any residual, semi-solid material that is produced as a by-product from the activity.

The site means the area of land identified as being approved for the carrying out of the activity as per *Part 7 Attachment 1 – Pioneer Valley Finch Hatton Mountain Bike Trailhead, Hydraulic Layout Plan* of this environmental authority.

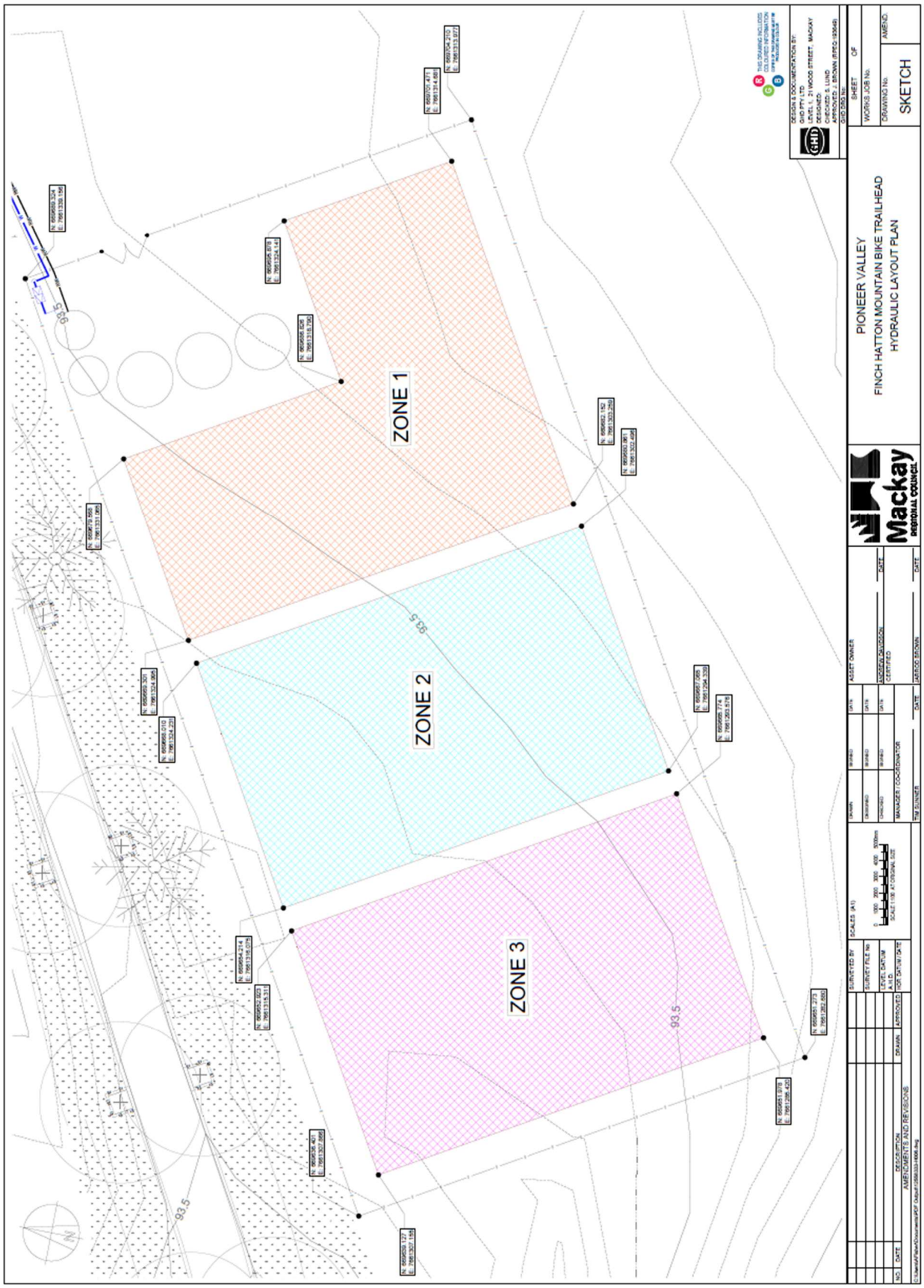
Total Nitrogen (TN) means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen, expressed as mg/L as Nitrogen. This includes both the inorganic and organic fraction of nitrogen.

Total Phosphorus (TP) means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus**.**

Viable state or viability means able to live and grow.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and **groundwater** and any part thereof.

Part 7 Attachment 1 – Pioneer Valley Mountain Bike Trailhead, Hydraulic Layout Plan (note: pink, orange and blue polygons are the authorised effluent irrigation areas)



Part 8 – Conditions for Sewage Pumping Stations

Environmentally relevant activity/activities	Location(s)
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSAN09, Hargraves Street SPS, (GDA2020 coordinates: -21.09232974, 149.1796709) PSSL07, Magpie Street SPS, (GDA2020 coordinates: -21.08024184, 149.2190595), Lot 1 Plan CP855597 PSSL10, Pacific Esplanade SPS, (GDA2020 coordinates: -21.07449264, 149.2277681), Lot 599, Plan CI3321 PSSL08, Blackwood Street SPS, (GDA2020 coordinates: -21.07163974, 149.218749), Lot 31 Plan S25749 PSAN05, Oak Street SPS, (GDA2020 coordinates: -21.09734914, 149.1903102), Lot 11, Plan SP255627 PSBE05, Parkview Court SPS, (GDA2020 coordinates: -21.09906314, 149.17643), Lot 1, Plan RP738839 PSBE04, Avocado Court SPS, (GDA2020 coordinates: -21.09708844, 149.1698575) Lot 27, Plan RP741474 PSAN16, Galasheils Street SPS, (GDA2020 coordinates: -21.08854834, 149.172447), Lot 12, Plan RP892821 PSAN14, Broomdykes Drive SPS, (GDA2020 coordinates: -21.08505484, 149.177265) Lot 900, Plan RP858183 PSBE06, Beaconsfield Road No. 2 SPS, (GDA2020 coordinates: -21.10947444, 149.1779195)) PSAN01, Coles Road SPS, (GDA2020 coordinates: -21.10825414, 149.1850233)), Lot 1, Plan RP737296 PSAN08, Tropical Avenue SPS, (GDA2020 coordinates: -21.09584584, 149.1822338) Lot 144, Plan RP745240 PSAN06, Tramontana Street SPS, (GDA2020 coordinates: : -21.09194554, 149.1912702), Lot 48, Plan RP732035 PSAN10, Monique Court SPS, (GDA2020 coordinates: -21.08763314, 149.1825372) Lot 34, Plan RP743726 PSAN15, Bedford Road No. 2 SPS, (GDA2020 coordinates: -21.08272724, 149.1728627), Lot 901, Plan RP864689
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSAN07, Wattle Street SPS, (GDA2020 coordinates: -21.08168664, 149.1898785), Lot 11, Plan SP271085 PSMC02, Gordon Street SPS, (GDA2020 coordinates: -21.14440064, 149.1929459), Lot 19, Plan M91160 PSBU02, Downie Avenue SPS, (GDA2020 coordinates: -21.03494213, 149.1603854)

Environmentally relevant activity/activities	Location(s)
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSBU03, Ellis Avenue SPS, (GDA2020 coordinates: -21.03264383, 149.1600252) PSBU06, Shoal Point Road No 1 SPS, (GDA2020 coordinates: -21.02659833, 149.1546382) PSBC02, Main Street SPS, (GDA2020 coordinates: -21.21258783, 149.1474749) Lot 1, Plan RP739555 PSBC01, Temples Lane SPS, (GDA2020 coordinates: -21.20703203, 149.146913), Lot 468, Plan CI3119 PSSM03, Farrellys Rd #1 SPS, (GDA2020 coordinates: -21.18574984, 149.1558781) Lot 43, Plan RP909353 PSEI03, Eimeo Road No. 2 SPS, (GDA2020 coordinates: -21.04543994, 149.1763421) PSNM05, Burgess Street SPS, (GDA2020 coordinates: -21.12370024, 149.1721021) Lot 18, Plan RP748851 PSEI04, Shann Street SPS, (GDA2020 coordinates: -21.04045294, 149.1786167) PSEI07, Blacks Beach Road SPS, (GDA2020 coordinates: -21.05352394, 149.1832611) PSEI10, Pacific Drive No. 1 SPS, (GDA2020 coordinates: -21.05482174, 149.1911783) PSGL04, Wheeler Drive, (GDA2020 coordinates: -21.12268073, 149.1458117) PSNM02, Forgan Street SPS, (GDA2020 coordinates: -21.11684204, 149.1892394), Lot 24, Plan RP712451 PSNM06, Hamilton Street SPS, (GDA2020 coordinates: -21.11873574, 149.1929437), Lot 104, Plan SP247909 PSHA01, Mulherin Drive SPS, (GDA2020 coordinates: -21.11282974, 149.222739) PSHA03, Mt Bassett SPS, (GDA2020 coordinates: -21.11915554, 149.2051246) PSMC01, Sydney Street SPS, (GDA2020 coordinates: -21.15081394, 149.1865425), Lot 1, Plan RP720637 PSNM11, Willetts Road SPS, (GDA2020 coordinates: -21.12708284, 149.1660588), Lot 4, Plan RP846385 PSNM12, Heaths Road No. 1 SPS, (GDA2020 coordinates: -21.12762694, 149.1609365), Lot 1, Plan RP845817

Environmentally relevant activity/activities	Location(s)
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSMC03, Shakespeare Street SPS, (GDA2020 coordinates: -21.14912484, 149.1991089) PSWA01, Bold Street SPS, (GDA2020 coordinates: -21.17039423, 149.0620415), Lot 1, Plan SP112363 PSMC20, Bridge Road SPS, (GDA2020 coordinates: -21.14498173, 149.1547387), Lot 128, Plan SP264916 PSMC04, Evan Street SPS, (GDA2020 coordinates: -21.15452634, 149.1983223) PSMC06, Hart Street SPS, (GDA2020 coordinates: -21.15965274, 149.190889) PSMC07, Kilgour Street SPS, (GDA2020 coordinates: -21.15963294, 149.1938153) PSMC08, Keelan Street SPS, (GDA2020 coordinates: -21.16569614, 149.1921333) PSMP02, Suncrest Court SPS, (GDA2020 coordinates: -21.12265204, 149.1601426), Lot 7, Plan RP898353 PSMC05, Goldsmith Street SPS, (GDA2020 coordinates: -21.15514284, 149.192565), Lot 19, Plan RP706495 PSMC09, Scott Street SPS, (GDA2020 coordinates: -21.16517544, 149.1891122) PSMC10, Black Street SPS, (GDA2020 coordinates: -21.15839344, 149.1779222) PSMC11, Meero Street SPS, (GDA2020 coordinates: -21.15535994, 149.1750475) PSMP01, Malcomson Street No. 2 SPS, (GDA2020 coordinates: -21.12013023, 149.1574882), Lot 4, Plan RP729988 PSMC22, Marryatt Street SPS, (GDA2020 coordinates: -21.14743874, 149.1709369), Lot 6, Plan SP237095 PSGL06, Pioneer Street SPS, (GDA2020 coordinates: -21.11177653, 149.1503995), Lot 11, Plan SP100401 PSMC12, Graffunder Street SPS, (GDA2020 coordinates: -21.16390364, 149.1742963) PSNM14, Heaths Road No. 2 SPS, (GDA2020 coordinates: -21.12921263, 149.1512958), Lot 21, Plan RP906705 PSNM15, Oasis Drive SPS, (GDA2020 coordinates: -21.12668064, 149.1692581), Lot 1, Plan SP199173

Environmentally relevant activity/activities	Location(s)
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSMC21, Cullen Street SPS, (GDA2020 coordinates: -21.14774864, 149.1622488) PSBE01, Beaconsfield Road No. 1 SPS, (GDA2020 coordinates: -21.10604224, 149.1695161), Lot 1 Plan RP733577 PSMI01, Margaret St Pump Station, (GDA2020 coordinates: -21.16071441, 148.874073) PSNM01, Bassett Street SPS, (GDA2020 coordinates: -21.12399524, 149.1912597) PSRV02, Symons Farm SPS, (GDA2020 coordinates: -21.07059313, 149.1598803), Lot 1, Plan RP817051 PSNM03, Gooseponds SPS, (GDA2020 coordinates: -21.12090584, 149.1780287) PSEI02, Eimeo Road No. 1 SPS, (GDA2020 coordinates: -21.04883914, 149.1760548), Lot 601, Plan C14376 PSEI08, Camilleri Street SPS, (GDA2020 coordinates: -21.04640414, 149.1842443), Lot, 576, Plan C13509 PSSA01A, Biltoft Street, (GDA2020 coordinates: -21.41923514, 149.2188397) PSEI13, Avalon Drive SPS, (GDA2020 coordinates: -21.05022253, 149.1639056), Lot 905, Plan SP262671 PSSL01, Keeleys Road No. 1 SPS, (GDA2020 coordinates: -21.09282914, 149.2115485) PSSM01A, Boundary Rd SPS, (GDA2020 coordinates: -21.17566384, 149.1649652) PSEI09, Admiral Drive SPS, (GDA2020 coordinates: -21.03729104, 149.1843326), Lot 112, Plan C1838618 PSSH11, Bucasia STP SPS, (GDA2020 coordinates: -21.02643643, 149.1474508), Lot 61, Plan RP807526 PSSH13, Denman Avenue SPS, (GDA2020 coordinates: -21.00332213, 149.1535056), Lot 4, Plan SP147493 PSBU08, Griffin Avenue SPS, (GDA2020 coordinates: -21.02242773, 149.1559345), Lot 546, Plan CI4012 PSSH12, Shoal Point Road No. 2 SPS, (GDA2020 coordinates: -21.01050633, 149.1481363), Lot 9001, Plan SP165720 PSSM02, Rainlover Street SPS, (GDA2020 coordinates: -21.17375323, 149.1490896)

Environmentally relevant activity/activities	Location(s)
ERA 63 (2) operating a sewage pumping station mentioned in subsection (1)(b)	PSSM22, Connors Rd SPS, (GDA2020 coordinates: -21.18780654, 149.1588929)PSBU09, Bucas Drive SPS, (GDA2020 coordinates: -21.04228833, 149.1508044), Lot 1, Plan SP115429 PSEI01, Prawn Farm SPS, (GDA2020 coordinates: -21.05203314, 149.1692228), Lot 2, Plan RP810405 PSBU01A, Dump Road SPS, (GDA2020 coordinates: -21.03704973, 149.1558467), Lot 1, Plan SP115429 PSWA04, Pugsley Street No. 2 SPS, (GDA2020 coordinates: -21.16071803, 149.0579119) PSEI15, Whitehaven Drive SPS, (GDA2020 coordinates: -21.06159564, 149.1812912), Lot 928, Plan SP254852 PSMA07, Kennys Rd No 1 Pump Station, (GDA2020 coordinates: -21.14724802, 148.9570364), Lot 100, Plan SP272704 PSMA01, Paul St Pump Station, (GDA2020 coordinates: -21.14686052, 148.9420705), Lot 7, Plan SP208036 PSMA12, Bowden Cres SPS, (GDA2020 coordinates: -21.15257882, 148.963865), Lot 327, Plan SP237108 PSWA07, Pugsley Street No. 1 SPS, (GDA2020 coordinates: -21.16144543 149.0634386) PSWA08, Anne Street SPS, (GDA2020 coordinates: -21.16246173, 149.0667358)

With the exception of any variations, the conditions of approval for the environmentally relevant activity conducted at the location described above must be conducted in accordance with the standard conditions contained within the attached document(s) entitled:

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

Approved variations to standard conditions are as follows:

Condition number	Condition
P8-G10	The **operator** must take all reasonable and practicable measures to ensure that contaminants are not released to land or waters (including the bed and banks of any waters) as a result of the **activity**.
P8-G11	The operator must notify the administering authority via the 24 hour Pollution Hotline or the district office no later than twelve (12) 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.
P8-G14	All releases must be reported to the **administering authority** in the form of an annual report by 31 March covering the period 1 January – 31 December of the previous year.
P8-G15	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.*

Part 9 – Conditions for Regulated Waste Transport

Environmentally relevant activity/activities	Location(s)
ERA 57 Regulated Waste Transport— Transporting regulated waste other than end-of-life tyres (4 vehicles only)	State of Queensland

The conditions of approval for the environmentally relevant activity conducted at the location described above must be conducted in accordance with the standard conditions contained within the attached document(s) entitled:

- Environmentally relevant activity standard, Regulated waste transport (ERA 57) – Version 2 (ESR/2018/4202)

END OF ENVIRONMENTAL AUTHORITY