

Permit

Environmental Protection Act 1994

Environmental authority EA0002404

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

Environmental authority number: EA0002404

Environmental authority takes effect on the day of approval.

The first anniversary day of this environmental authority is the take effect day of this environmental authority.

Payment of the annual fee will be due each year on this day, and an annual return will be due on 01 March each year.

Environmental authority holder

Name	Registered address
BRISBANE CITY COUNCIL	Level 1, Green Square South Tower 505 St Pauls Terrace FORTITUDE VALLEY QLD 4006

Environmentally relevant activity and location details

Environmentally relevant activity	Location/s
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	Hanolan Park, Stone Corner - LOT 350 on RP100277, LOT 22 on RP12942, LOT 14 on RP12942, LOT 6 on RP12942, LOT 7 on RP12298, LOT 325 on RP12076, LOT 26 on RP12942, LOT 38 on RP12942, LOT 367 on RP12076, LOT 297 on SL4060, LOT 21 on RP12942, LOT 13 on RP12942, LOT 5 on RP12942, LOT 315 on RP12076, LOT 326 on RP12076, LOT 27 on RP12942, LOT 39 on RP12942, LOT 368 on RP12076, LOT 335 on RP100277, LOT 20 on RP12942, LOT 12 on RP12942, LOT 3 on RP12942, LOT 316 on RP12076, LOT 327 on RP12076, LOT 28 on RP12942, LOT 40 on RP12942, LOT 369 on RP12076, LOT 328 on RP12076, LOT 19 on RP12942, LOT 11 on RP12942, LOT 2 on RP12942, LOT 3 on SP114396, LOT 330 on RP12076, LOT 29 on RP12942, LOT 41 on RP12942, LOT 370 on RP12076, LOT 329 on RP12076, LOT 18 on RP12942, LOT 10 on RP12942, LOT 1 on RP12942,

	LOT 321 on RP12076, LOT 331 on RP12076, LOT 34 on RP12942, LOT 42 on RP12942, LOT 371 on RP12076, LOT 25 on RP12942, LOT 17 on RP12942, LOT 9 on RP12942, LOT 3 on SP240993, LOT 322 on RP12076, LOT 332 on RP12076, LOT 35 on RP12942, LOT 43 on RP12942, LOT 24 on RP12942, LOT 16 on RP12942, LOT 8 on RP12942, LOT 2 on SP240993, LOT 323 on RP12076, LOT 333 on RP12076, LOT 36 on RP12942, LOT 4 on RP12942, LOT 372 on RP12076, LOT 23 on RP12942, LOT 15 on RP12942, LOT 7 on RP12942, LOT 8 on SP240992, LOT 324 on RP12076, LOT 334 on RP12076, LOT 37 on RP12942, LOT 366 on RP12076.
--	---

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.

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.



Liz Clarke
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Utilities and Government Assessment
Department of Environment and Science

Phone: 1300 130 372
Email: palm@des.qld.gov.au

Date issued: 30 July 2020

Obligations under the *Environmental Protection Act 1994*

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

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

Conditions of environmental authority

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
G1	Activities under this environmental authority must be conducted in accordance with the following limitations: (a) must not exceed 100,000 tonnes per year of material extracted; and (b) must only be undertaken within the approved areas where a new waterway is to be constructed (shown on Figure 1 and Figure 2 in Appendix 1).
G2	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities .
G3	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.
G4	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
G5	Environmental monitoring results must be kept until surrender of this environmental authority. All other information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. All information and records required by the conditions of this environmental authority must be provided to the administering authority , or nominated delegate upon request, within the required timeframe and in the specified format.
G6	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.
G7	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 pH, dissolved oxygen (DO), electrical conductivity (EC), temperature and turbidity.
G8	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.

G9	The activity must be undertaken in accordance with written procedures that: (a) identify potential risks to the environment from the activity during routine operations, closure and an emergency; (b) establish and maintain control measures that minimise the potential for environmental harm; (c) ensure plant, equipment and measures are maintained in a proper and effective condition; (d) ensure plant, equipment and measures are operated in a proper and effective manner; (e) ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i>; and (f) ensure that reviews of environmental performance are undertaken at least annually.
G10	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system .
G11	You must record the following details for all environmental complaints received: (a) date and time complaint was received; (b) name and contact details of the complainant when provided and authorised by the complainant; (c) nature of the complaint; (d) investigations undertaken; (e) conclusions formed; and (f) actions taken.
Agency interest: Air	
Condition number	Condition
A1	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .
A2	Dust and particulate matter emissions must not exceed the following concentrations at any sensitive place or commercial place : (a) dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions), or (b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM_{10}) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the administering authority.
Agency interest: Water	
Condition number	Condition
WT1	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment to surface waters .

WT2	The only contaminants to be released to surface waters are settled treated stormwater from the approved areas, to waters described as Norman Creek in accordance with <i>Table WT2 - Surface water release limits</i> and the associated monitoring requirements. Table WT2 - Surface water release limits <table><tr><th>Release point</th><th>Quality characteristic (unit)</th><th>Limit</th><th>Limit Type</th><th>Monitoring Frequency</th></tr><tr><td rowspan="4">Approved areas of the site</td><td>Dissolved Oxygen (mg/L)</td><td>2.0</td><td>Minimum</td><td rowspan="4">Immediately prior to discharge and daily during discharge events</td></tr><tr><td>Total Suspended Solids (mg/L)</td><td>50.0</td><td>Maximum</td></tr><tr><td>pH (pH units)</td><td>6.5 – 8.5</td><td>Range</td></tr><tr><td>Turbidity (NTU)</td><td>Less than 10% above the upstream background value of receiving waters</td><td>Maximum</td></tr></table> Associated monitoring requirements: - Monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's <i>Monitoring and Sampling Manual</i>. - Water samples must be representative of the general condition of the water body. - All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water quality characteristic. - Monitoring must be undertaken during a release and at the frequency stated. - All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual.	Release point	Quality characteristic (unit)	Limit	Limit Type	Monitoring Frequency	Approved areas of the site	Dissolved Oxygen (mg/L)	2.0	Minimum	Immediately prior to discharge and daily during discharge events	Total Suspended Solids (mg/L)	50.0	Maximum	pH (pH units)	6.5 – 8.5	Range	Turbidity (NTU)	Less than 10% above the upstream background value of receiving waters	Maximum
Release point	Quality characteristic (unit)	Limit	Limit Type	Monitoring Frequency																
Approved areas of the site	Dissolved Oxygen (mg/L)	2.0	Minimum	Immediately prior to discharge and daily during discharge events																
	Total Suspended Solids (mg/L)	50.0	Maximum																	
	pH (pH units)	6.5 – 8.5	Range																	
	Turbidity (NTU)	Less than 10% above the upstream background value of receiving waters	Maximum																	
WT3	The release to waters permitted under WT2 must not contain any other properties at a concentration capable of causing environmental harm.																			
WT4	The release to waters permitted under WT2 must not produce any slick or other visible evidence of oil or grease, scum, litter or other visually objectionable matter.																			
WT5	Contaminants must not be released to groundwater or at a location where they are likely to release to groundwater .																			
Agency interest: Noise																				
Condition number	Condition																			
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .																			
Agency interest: Waste																				
Condition number	Condition																			

W1	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.
Agency interest: Land	
Condition	
L1	Treatment and management of acid sulfate soils must comply with the guidance provided in the current edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .
L2	Land that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: (a) suitable native species of vegetation for the location are established and sustained for earthen surfaces; (b) potential for erosion is minimised; (c) the quality of water released from the site, including seepage, does not cause environmental harm; (d) potential for environmental nuisance caused by dust is minimised; (e) the water quality of any residual water body does not have potential to cause environmental harm; and (f) the final landform is stable and protects public safety.

Definitions

Key terms and/or phrases bolded in this environmental authority 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 successors or predecessors.

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

Approved areas mean areas specified in condition G1 (b) of the environmental authority.

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.

Disturbed areas includes areas:

- (a) that are susceptible to erosion; or
- (b) that are contaminated by the **activity**; or
- (c) upon which stockpiles of soil or other materials are located.

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

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

Land does not include **waters**.

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

NATA means National Association of Testing Authorities.

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

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

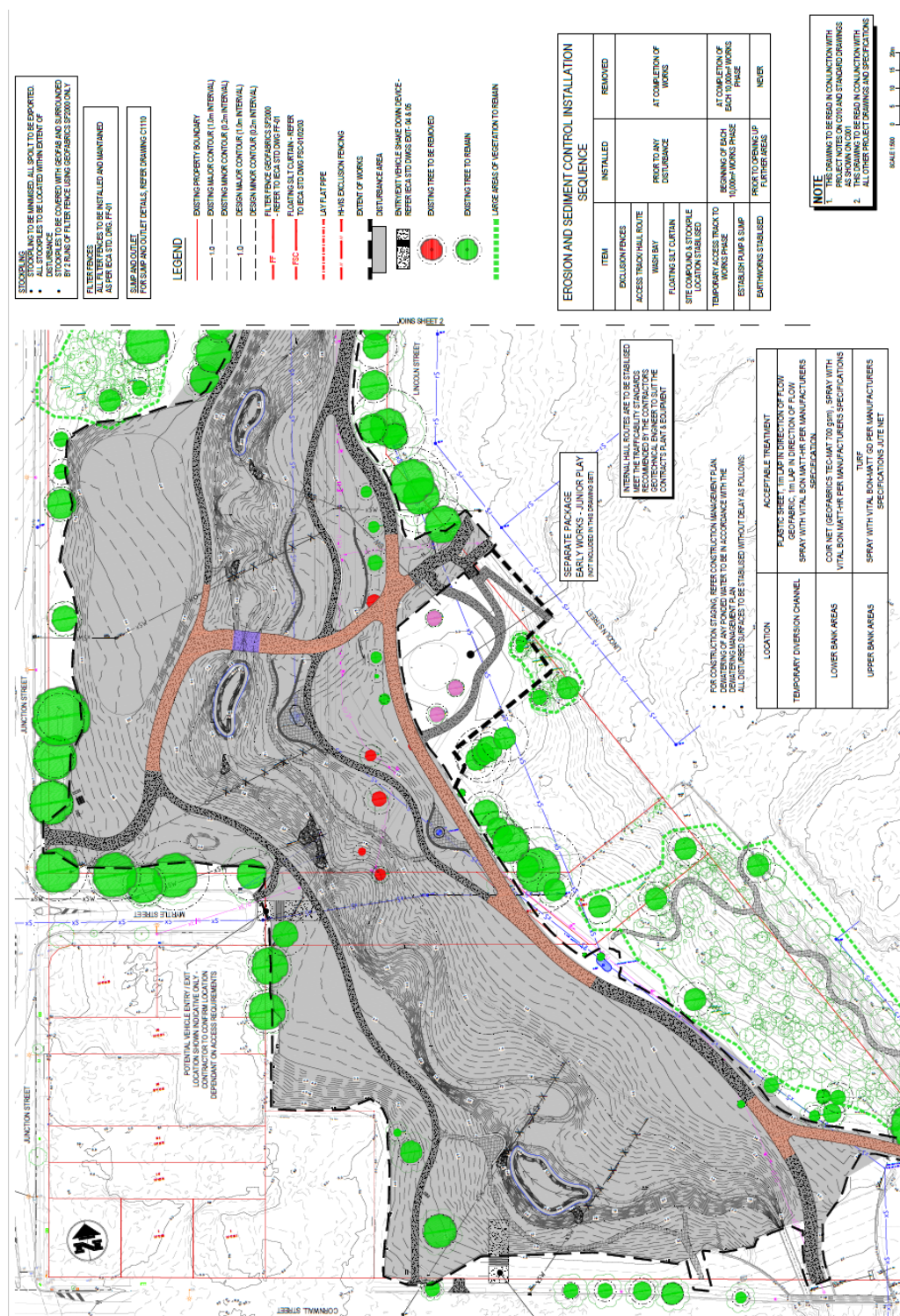
- (a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- (b) a motel, hotel or hostel; or
- (c) a kindergarten, school, university or other educational institution; or
- (d) a medical centre or hospital; or

- (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.

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.

Figure 1 - Hanlon Park Development – sheet 1 of 2



[illegible]

END OF ENVIRONMENTAL AUTHORITY