

Notice

Environmental Protection Act 1994

Notice of decision - Temporary emissions licence

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

To: Holcim (Australia) Pty Ltd
18 Little Cribb Street,
MILTON QLD 4064

Email Evan.smith@holcim.com.au

Attention: Evan Smith

Your reference: EPPR00575213
Our reference: A-TEL-NEW-100215308

Application for temporary emissions licence (TEL) for release of stormwater at Holcim – Beenleigh Quarry.

Thank you for your application for a temporary emissions licence.

Your application, which was received by this office on 4 March 2022, has been approved.

This temporary emissions licence commences on 5 March 2022 and ends on 28 May 2022.

The licence permits the following emission:

The release of treated stormwater via Monitoring Point SBE1 located at;

- Lat - 27.776858°; Long 153.228730°

The licence overrides the following conditions of your approval number EPPR00575213:

- *WA1 - Contaminants that will or may cause environmental harm must not be directly or indirectly released from the approved place to any waters or the bed and banks of any waters except as permitted under this environmental authority.*
- *SW9 - Contaminants that will or may cause environmental harm must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at Release Point RI as shown in Appendix 1: Schedule 1 - Water Monitoring Location.*
- *SW10 - The release of contaminants to waters, at the sampling points specified in Table – Monitoring of Contaminant Releases to Waters, must comply with each of the limits specified in Table – Release Quality Characteristics for each quality characteristic.*

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Table – Release Quality Characteristics

QUALITY CHARACTERISTIC	DISCHARGE LIMIT	LIMIT TYPE
pH (pH Units)	6.5 – 9.0	Range
Suspended Solids (mg/L)	50.0	Maximum
Turbidity (NTU)	20.0	Maximum

- SW17 - The stormwater runoff from disturbed areas, generated from (up to and including) a 24-hour storm event with an average recurrence interval of 1 in 5 years must be managed in accordance with drawing No. 339_019 - Stormwater Management and Pumping Protocol or later revisions.

The following conditions apply to this Temporary Emission Licence:

Condition Number	Condition																							
TEL 1	<p>The only contaminant to be released to surface waters is treated stormwater runoff in accordance with Table 1.</p> <table><tr><th colspan="6">Table 1</th></tr><tr><th>Release Point descriptions</th><th>Monitoring Location (Latitude and Longitude)</th><th>Characteristics (units)</th><th>Release Limits</th><th>Sampling method</th><th>Monitoring Frequency</th></tr><tr><td rowspan="2">SBE1 EA sampling location</td><td>Lat - 27.776858°</td><td>pH (range)</td><td>6.5-8.5</td><td>grab</td><td rowspan="2">Within 2 hours of commencement of each daily release event.</td></tr><tr><td>Long 153.228730°</td><td>Total Suspended Solids (mg/)</td><td>Whichever is greater: 50mg/l as a maximum or upstream monitoring point + 10%</td><td>grab</td></tr></table> <p>Associated Monitoring Requirements</p> <p>1. Volume of treated stormwater release must be measured using a flow metre or estimated and recorded for each release event.</p> <p>2. The upstream monitoring point is as described in condition TEL2.</p> <p>3. Monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's Monitoring and Sampling Manual.</p> <p>4. Samples must be taken using representative samples.</p> <p>5. Monitoring must be undertaken during a release as per the frequency stated.</p> <p>6. All monitoring devices must be correctly calibrated and maintained.</p>	Table 1						Release Point descriptions	Monitoring Location (Latitude and Longitude)	Characteristics (units)	Release Limits	Sampling method	Monitoring Frequency	SBE1 EA sampling location	Lat - 27.776858°	pH (range)	6.5-8.5	grab	Within 2 hours of commencement of each daily release event.	Long 153.228730°	Total Suspended Solids (mg/)	Whichever is greater: 50mg/l as a maximum or upstream monitoring point + 10%	grab	
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TEL 2	<p>An appropriately qualified person(s) must monitor and record all indicator(s) required by and in accordance with Table 2.</p> <table><tr><th colspan="5">Table 2</th></tr><tr><th>Monitoring Point descriptions</th><th>Location Latitude and Longitude</th><th>Characteristics (units)</th><th>Sampling method</th><th>Monitoring Frequency</th></tr><tr><td rowspan="4">GED Upstream sampling location</td><td rowspan="4">Lat -27.772209° Long 153.250461°</td><td>pH (range)</td><td rowspan="4">In-Situ</td><td rowspan="4">Prior to commencing a release event and after the release event has ceased.</td></tr><tr><td>Turbidity (NTU)</td></tr><tr><td>Dissolved Oxygen (mg/L)</td></tr><tr><td>Electrical Conductivity(µS/cm)</td></tr><tr><td>GED Downstream sampling location</td><td>Lat -27.769802° Long 153.243633°</td><td></td><td></td><td></td></tr></table>	Table 2					Monitoring Point descriptions	Location Latitude and Longitude	Characteristics (units)	Sampling method	Monitoring Frequency	GED Upstream sampling location	Lat -27.772209° Long 153.250461°	pH (range)	In-Situ	Prior to commencing a release event and after the release event has ceased.	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Electrical Conductivity(µS/cm)	GED Downstream sampling location	Lat -27.769802° Long 153.243633°			
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Associated monitoring requirements 1. Monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's Monitoring and Sampling Manual. 2. Samples must be taken using representative samples. 3. Monitoring must be undertaken during a release as per the frequency stated. 4. All monitoring devices must be correctly calibrated and maintained.						
TEL 3	Monitoring required by TEL 1 must be submitted to the Administering Authority weekly.					
TEL4	The release of water under condition TEL 1 must be in accordance with the following requirements: a) The release of water must only occur between 5 March 2022 and 28 May 2022; b) The release of water must only occur between the hours of 6am to 6pm, Monday to Saturday; and c) The total maximum quantity of water to be released is 485 megalitres.					
TEL 5	The release of treated stormwater to surface waters authorised by condition TEL 1 must only occur if Halfway Creek is flowing.					
TEL 6	The release of water in accordance with TEL 1 must not cause any scouring or any other form of erosion.					
TEL 7	The release of water must not contribute to downstream flooding or further impacts of inundation.					
TEL8	All reasonable and practicable measures must be taken to identify downstream landowners potentially affected by the release authorised by condition TEL 1.					
TEL 9	Downstream landowners identified in accordance with condition TEL 8 must be notified of releases in accordance with condition TEL 1, prior to the commencement of the release.					
TEL 10	Releases authorised under TEL 1 must cease upon receiving a report of environmental nuisance relating to downstream impacts. An investigation of the report must be completed to identify the source of environmental nuisance before authorised releases can recommence. Outcomes of the investigation must be provided within 10 business days to the administering authority.					
TEL11	The release authorised under TEL 1 must not cause environmental harm.					

Should you have any queries in relation to this notice, please contact Adam Burt on telephone 3330 5609 would be happy to assist you.



Signature

5 March 2022

Date

Clancy Mackaway
 Department of Environment and Science
 Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Energy and Extractive Resources
 Phone: 07 3330 5715
 Email: energyandextractive@des.qld.gov.au

Decision notice regarding a temporary emissions licence

Attachments

Information notice to grant a temporary emissions licence on different terms than those requested in the application.

Definitions

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

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

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

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

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

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

Release event means the period from the commencement of releasing treated stormwater to the point of ceasing the release of treated stormwater.