

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 St
Milton QLD 4064

Email: Evan.smith@holcim.com.au

Attention: Evan Smith

Your reference: EPPR00516513

Our reference: A-TEL-NEW-100215450

Application for temporary emissions licence (TEL) for release of stormwater at Holcim - Sunrock 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 release point W1 located at:

- Lat -26.923928°, Long 152.969458°

The licence overrides the following conditions of your approval number EPPR00516513:

Condition Number	Condition
G3	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
WT1	Other than as permitted within this environmental authority, contaminants must not be released from any site to any waters or the bed and banks of any waters.
SRWT1	The only contaminants to be released to surface waters are settled treated stormwater runoff waters in accordance with <i>Schedule 2, Table 6 —Surface water release limits — Sunrock and</i>

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	the associated monitoring requirements.																									
Schedule 2	<table><tr><th colspan="5">Table 6 - Surface water release limits – Sunrock</th></tr><tr><th>Quality characteristic (units)</th><th>Limit</th><th>Limit Type</th><th>Minimum Monitoring Frequency</th><th>Monitoring Point</th></tr><tr><td>Turbidity</td><td>50 NTU</td><td>Maximum</td><td>Prior to discharge and daily during discharge</td><td>W1¹, W3¹, W6, W7</td></tr><tr><td>pH</td><td>6.0 to 8.5</td><td>Range</td><td>Prior to discharge and daily during discharge</td><td>W1¹, W3¹, W6, W7</td></tr><tr><td>Ammonia as N (NO3) Nitrate as N (NO3) Dissolved Al, Cu and Zn</td><td>N/A</td><td>N/A</td><td>Quarterly</td><td>W1, W3, W6, W7</td></tr></table> ¹ Monitoring is required at point of discharge, being either W1 or W3. Associated monitoring requirements 1. Release points must be in accordance with Schedule 1 - Sunrock Quarry Water Monitoring Location Plan. 2. Monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's <i>Water Quality Sampling Manual</i>. 3. Samples must be taken using representative samples. 4. All determinations must employ analytical practical quantification limits sufficiently low enough to enable comparisons to be made against water quality objectives/limits relevant to the particular water quality characteristic. 5. Monitoring must be undertaken during a release as per the frequency stated. 6. All monitoring devices must be correctly calibrated and maintained.	Table 6 - Surface water release limits – Sunrock					Quality characteristic (units)	Limit	Limit Type	Minimum Monitoring Frequency	Monitoring Point	Turbidity	50 NTU	Maximum	Prior to discharge and daily during discharge	W1 ¹ , W3 ¹ , W6, W7	pH	6.0 to 8.5	Range	Prior to discharge and daily during discharge	W1 ¹ , W3 ¹ , W6, W7	Ammonia as N (NO3) Nitrate as N (NO3) Dissolved Al, Cu and Zn	N/A	N/A	Quarterly	W1, W3, W6, W7
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The following conditions apply to this Temporary Emission Licence:

Condition Number	Condition					
TEL 1	The only contaminant to be released to surface waters is treated stormwater runoff in accordance with Table 1.					
	Table 1					
	Release Point description	Monitoring Location (Latitude and Longitude)	Characteristics (units)	Release Limits	Sampling method	Monitor Frequency
	W1 (EA release location)	-26.923928° 152.969458°	pH (range)	6.5-8.5	grab	Within 2 hours of commencement of each daily release event.
			Total Suspended Solids (mg/L)	Whichever is greater: 50mg/l as a maximum or upstream monitoring point + 10%	grab	
Associated Monitoring Requirements						
1. Volume of treated stormwater release must be measured using a flow metre or estimated and recorded for each release event.						
2. The upstream monitoring point is as described in condition TEL2.						
3. Monitoring must be in accordance with the methods prescribed in the current edition of the administering authority's Monitoring and Sampling Manual.						
4. Samples must be taken using representative samples.						
5. Monitoring must be undertaken during a release as per the frequency stated.						
6. All monitoring devices must be correctly calibrated and maintained.						

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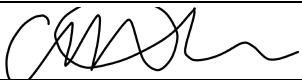
TEL 2	An appropriately qualified person(s) must monitor and record all indicator(s) required by and in accordance with Table 2.				
	Table 2				
	Monitoring Points description	Location Latitude and Longitude	Characteristics (units)	Sampling method	Monitoring Frequency
	W7 (GED upstream location)	Lat -26.936846° Long 152.980923°	pH (range)	In-Situ	Prior to commencing a release event and after the release event has ceased.
			Turbidity (NTU)		
	W6 (GED downstream location)	Lat -26.929744° Long 152.980537°	Dissolved Oxygen (mg/L)		
			Electrical Conductivity (µS/cm)		
	W1 (EA release location)	Lat -26.923928° Long 152.969458°			
	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.				
TEL 4	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 375 megalitres.				
TEL 5	The release of treated stormwater to surface waters authorised by condition TEL 1 must only occur if Tibrogargan 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.				

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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.
TEL 11	The release authorised under TEL 1 must not cause environmental harm.

Should you have any queries in relation to this notice, please call Helena Braye on 0434 898 755 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

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 from the commencement of releasing treated stormwater to the point of ceasing the release of treated stormwater.