

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: Mackay Sugar Limited
Racecourse Mill Peak Downs Highway
Mackay QLD 4740

Email: j.watson@mkysugar.com.au
Attention: Jacob Watson

Your reference: A-TEL-NEW-100373495
Our reference: C-EATEL-100373499

Application for temporary emissions licence (TEL) for increasing the release limit volumes at Racecourse Mill, Marian Mill, Pleystowe Mill and Farleigh Mill

Thank you for your application for a temporary emissions licence. Your application, which was received by this office on 19 January 2023, has been granted as submitted.

This temporary emissions licence commences on 20 January 2023 and ends on 19 April 2023.

The licence permits the following emission:

- A flow rate of 5000 m³ per day at the following release limits:
 - o W1
 - o W2.1, W2.2 and W2.3 (Combined maximum per day)
 - o W3
 - o W4

The licence overrides the following conditions of your environmental authority, approval number EPPR00423513:

C2	Point source releases Until 30 May 2024, contaminants generated by the activity must not be released to waters unless the contaminants being released: a) are only released from the release points specified in <i>Table 2 – Contaminant release points and monitoring points</i> and <i>Appendix 1 – Figures 1 to 8</i>; and b) are monitored at the monitoring locations specified in <i>Table 2 – Contaminant release points and monitoring points</i> and <i>Appendix 1 – Figures 1 to 8</i> at the corresponding minimum monitoring frequency for each contaminant specified in <i>Table 3 – Contaminant release limits</i>; and c) comply with the contaminant release limits for each contaminant specified for each monitoring point identified in <i>Table 3 – Contaminant release limits</i>.
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Table 2 – Contaminant release points and monitoring points

Classification	Description	Receiving Waters	Release Point(s) Description (GDA94 decimal degrees)	
			Latitude	Longitude
Release point and monitoring point	Racecourse (W1)	Rocky Creek	-21.2093	149.1065
Monitoring point	Marian downstream (W2.0)	Perry Creek	-21.2355	148.9874
Release point and monitoring point	Marian Pond 5 (W2.1)	Cane drain to Perry Creek	-21.1771	148.9543
Release point and monitoring point	Marian Pond 4 (W2.2)	Cane drain to Perry Creek	-21.1743	148.9568
Release point and monitoring point	Marian Pond 5 (W2.3)	Cane drain to Perry Creek	-21.1767	148.9543
Release point and monitoring point	Pleystowe (W3)	Bakers Creek	-21.1554	149.0395
Release point and monitoring point	Farleigh (W4)	Amhurst Creek	-21.0988	149.0920

Table 3 – Contaminant release limits

Monitoring Point	Contaminant	Limit (unit)	Limit Type	Monitoring Frequency
W1, W2.0, W3 and W4	5 Day Biological Oxygen Demand	20 mg/L	80 th percentile	As soon as practicable after commencement of release but no later than 24 hours after commencing, and weekly thereafter. For successive releases from the same site under similar circumstances, only one sample per week is required.
		50 mg/L	Maximum	
	Suspended Solids	30 mg/L	80 th percentile	
		90 mg/L	Maximum	
	pH	6.5-8.5 pH	Range	
	Dissolved Oxygen	2 mg/L	Minimum	

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	W2.0	Ammonia	0.9 mg/L	Maximum	
	W1	Flow	2800 m ³	Maximum per day	Daily
	W2.1, W2.2 and W2.3		3900 m ³	Combined maximum per day	
	W3		2800 m ³	Maximum per day	
	W4		2800 m ³	Maximum per day	

The following conditions apply to this licence:

TEL 1

Point source releases

Until 19 April 2023, contaminants generated by the activity must not be released to waters unless the contaminants being released:

- a) are only released from the release points *specified in Table 2 – Contaminant release points and monitoring points and Appendix 1 – Figures 1 to 8*; and
- b) are monitored at the monitoring locations *specified in Table 2 – Contaminant release points and monitoring points and Appendix 1 – Figures 1 to 8* at the corresponding minimum monitoring frequency for each contaminant specified in *Table 3 – Contaminant release limits*; and
- c) comply with the contaminant release limits for each contaminant specified for each monitoring point identified in *Table 3 – Contaminant release limits*.

Table 2 – Contaminant release points and monitoring points

Classification	Description	Receiving Waters	Release Point(s) Description (GDA94 decimal degrees)	
			Latitude	Longitude
Release point and monitoring point	Racecourse (W1)	Rocky Creek	-21.2093	149.1065
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Release point and monitoring point	Marian Pond 5 (W2.3)	Cane drain to Perry Creek	-21.1767	148.9543
Release point and	Pleystowe (W3)	Bakers Creek	-21.1554	149.0395

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	monitoring point				
	Release point and monitoring point	Farleigh (W4)	Amhurst Creek	-21.0988	149.0920
	Table 3 – Contaminant release limits				
	Monitoring Point	Contaminant	Limit (unit)	Limit Type	Monitoring Frequency
	W1, W2.0, W3 and W4	5 Day Biological Oxygen Demand	20 mg/L	80th percentile	As soon as practicable after commencement of release but no later than 24 hours after commencing, and weekly thereafter. For successive releases from the same site under similar circumstances, only one sample per week is required.
			50 mg/L	Maximum	
		Suspended Solids	30 mg/L	80th percentile	
			90 mg/L	Maximum	
		pH	6.5-8.5 pH	Range	
		Dissolved Oxygen	2 mg/L	Minimum	
	W2.0	Ammonia	0.9 mg/L	Maximum	
	W1	Flow	5000 m³	Maximum per day	Daily
	W2.1, W2.2 and W2.3		5000 m³	Combined maximum per day	
	W3		5000 m³	Maximum per day	
	W4		5000 m³	Maximum per day	
TEL 2	Releases under TEL 1 must be managed to ensure flooding is not exacerbated.				

Should you have any queries in relation to this notice, Celia Luck on telephone 07 3330 5715 would be happy to assist you.



Signature

20 January 2023

Date

Daniel Spelchan
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Energy and Extractive Resources Business Centre
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