

ANNUAL RETURN

Information on this form is required in accordance with the conditions of your licence issued under the *Waste Management and Pollution Control Act 1998*

Failure to provide the information requested and/or the provision of false or misleading information is an offence under the legislation and you may be liable for heavy penalties.

Section 1. Licence Details

LICENCE NUMBER	EPL 239-04	REPORTING PERIOD	7 June 2023 – 6 June 2024
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Please check your contact details including 24 hour emergency contact in [NT EPA online](#) and update if necessary. The NT EPA website will be updated using the details provided online.

Were the contact details correct? YES / NO

Section 2. Statement of Compliance

Were all conditions of the licence complied with during the reporting period? YES / NO

If Yes, proceed to Section 4. If not, complete the table below (add more rows if required)

Details of Non-compliance				
Condition number	Date of non-compliance (dd/mm/yy)	Was NT EPA notified? (Yes / No)	If yes, date NT EPA notified (dd/mm/yy)	If yes, how was NT EPA notified? (e.g. phone, email, Pollution Hotline)
		If no, complete Section 3		
36.2	06/12/2023	Yes	22/01/2024	Email
36.1, 36.2	17/01/2024	Yes	26/01/2024	Email
36.2	31/01/2024	No		
36.2	07/03/2024	No		
36.2	12/03/2024	Yes	27/03/2024	Email
36.1, 36.2	20/03/2024	No		

Section 3. Report of Non-compliance

Please supply the following details for each non-compliance not reported to the NT EPA identified in Section 2. Use a separate page for each non-compliance.

The date and time of the non-compliance.
31/01/2024
When the non-compliance was detected and by whom.
The non compliance for BOD was detected by Andrew Lewis on the 22 nd May 2024 while reviewing data for the annual monitoring report.
The actual and potential causes and contributing factors to the non-compliance.
The actual cause of the non-compliance can not be concluded however potential causes include: <ul style="list-style-type: none"> - Elevated natural levels - Farm discharges
The risk of environmental harm arising from the non-compliance.
The risk of environmental harm arising from the non-compliance is considered low for the following reasons: <ul style="list-style-type: none"> - SSTVs for BOD were derived from the default value of half the LOR during background data collection. BOD values have varied significantly since then with elevated BOD levels being recorded during periods when no farm discharges are occurring. - BOD values for the upstream sites were higher than the downstream compliance point during 3 of 4 non compliances indicating elevated natural levels of BOD from upstream sources. - During all BOD exceedance events the AR1 site, located closer to farm discharges was lower than the downstream compliance point ARDS1 indicating again that BOD exceedances at the downstream compliance point were potentially caused by natural upstream levels. - Despite these BOD exceedances, Chlorophyll a, has never been recorded above the laboratory limit of recording indicating no algal blooms have occurred.
The action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance.
See Response below.
Corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur.
<p>Humpty Doo Barramundi continually strives to demonstrate best practice in aquaculture water treatment processes. In the last 12 months with the assistance of IGS, Humpty Doo Barramundi have submitted an investigative report into nutrient dynamics in the Adelaide River from 2016 – 2023. A Trigger Action Response Plan has also been developed and was included in the most recent review of the Water Monitoring Plan.</p> <p>The results of all monitoring and corrective actions are continually assessed and presented in the annual Monitoring Reports required as per EPL239-04 Conditions 41 and 43.</p>

If no action was taken, why no action was taken.

The date and time of the non-compliance.

07/03/2024

When the non-compliance was detected and by whom.

The non compliance for BOD was detected by Andrew Lewis on the 22nd May 2024 while reviewing data for the annual monitoring report.

The actual and potential causes and contributing factors to the non-compliance.

The actual cause of the non-compliance can not be concluded however potential causes include:

- Elevated natural levels – During 3 out of 4 on the non-compliances BOD at the upstream site was higher than the downstream compliance point.
- Farm Discharges

The risk of environmental harm arising from the non-compliance.

The risk of environmental harm arising from the non-compliance is considered low for the following reasons:

- SSTVs for BOD were derived from the default value of half the LOR during background data collection. BOD values have varied significantly since then with elevated BOD levels being recorded during periods when no farm discharges are occurring.
- BOD values for the upstream sites were higher than the downstream compliance point during 3 of 4 non compliances indicating elevated natural levels of BOD from upstream sources.
- During all BOD exceedance events the AR1 site, located closer to farm discharges was lower than the downstream compliance point ARDS1 indicating again that BOD exceedances at the downstream compliance point were potentially caused by natural upstream levels.
- Despite these BOD exceedances, Chlorophyll a, has never been recorded above the laboratory limit of recording indicating no algal blooms have occurred.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance.

See response below

Corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur.

Humpty Doo Barramundi continually strives to demonstrate best practice in aquaculture water treatment processes. In the last 12 months with the assistance of IGS, Humpty Doo Barramundi have submitted an investigative report into nutrient dynamics in the Adelaide River from 2016 – 2023. A Trigger Action Response Plan has also been developed and was included in the most recent review of the Water Monitoring Plan.

The results of all monitoring and corrective actions are continually assessed and presented in the annual Monitoring Reports required as per EPL239-04 Conditions 41 and 43.

If no action was taken, why no action was taken.

The date and time of the non-compliance.

20/03/2024

When the non-compliance was detected and by whom.

The non compliance was detected by Andrew Lewis on the 22nd May 2024 while reviewing data for the annual monitoring report.

The actual and potential causes and contributing factors to the non-compliance.

The actual cause of the non-compliance can not be concluded however potential causes include:

- Elevated natural levels – During 3 out of 4 on the non-compliances BOD at the upstream site was higher than the downstream compliance point.
- Farm discharges

The risk of environmental harm arising from the non-compliance.

The risk of environmental harm arising from the non-compliance is considered low for the following reasons:

- SSTVs for BOD were derived from the default value of half the LOR during background data collection. BOD values have varied significantly since then with elevated BOD levels being recorded during periods when no farm discharges are occurring.
- BOD values for the upstream sites were higher than the downstream compliance point during 3 of 4 non compliances indicating elevated natural levels of BOD from upstream sources.
- During all BOD exceedance events the AR1 site, located closer to farm discharges was lower than the downstream compliance point ARDS1 indicating again that BOD exceedances at the downstream compliance point were potentially caused by natural upstream levels.
- Despite these BOD exceedances, Chlorophyll a, has never been recorded above the laboratory limit of recording indicating no algal blooms have occurred.

The action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance.

See response below.



Corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur.

Humpty Doo Barramundi continually strives to demonstrate best practice in aquaculture water treatment processes. In the last 12 months with the assistance of IGS, Humpty Doo Barramundi have submitted an investigative report into nutrient dynamics in the Adelaide River from 2016 – 2023. A Trigger Action Response Plan has also been developed and was included in the most recent review of the Water Monitoring Plan.

The results of all monitoring and corrective actions are continually assessed and presented in the annual Monitoring Reports required as per EPL239-04 Conditions 41 and 43.

If no action was taken, why no action was taken.

Section 4. Signature and Certification

This declaration must only be signed by a person(s) with the legal authority to sign it. The ways in which the application may be signed, and the people who may sign the application, are set out in the categories below.			
If the licence holder is:	Check	The application must be signed and certified by one of the following:	
An individual	<input type="checkbox"/>	The individual.	
A partnership	<input type="checkbox"/>	A partner.	
A company	<input type="checkbox"/>	The common seal being affixed in accordance with the <i>Corporations Act</i> , or	
	<input type="checkbox"/>	Two directors, or	
	<input type="checkbox"/>	A director and a company secretary, or	
	<input type="checkbox"/>	If a proprietary company that has a sole director who is also the sole company secretary – by that director.	
A public authority	<input type="checkbox"/>	The Chief Executive Officer (CEO) of the public authority, or	
	<input type="checkbox"/>	By a person delegated to sign on the public authority's behalf in accordance with its legislation (Please note: a copy of the relevant instrument of delegation must be attached to this application).	
I/We hereby declare that the information provided in this Annual Return and accompanying documents is to the best of my/our knowledge, true and correct.			
Signature		Signature	
Name (printed)	Dan Richards	Name (printed)	Tarun Richards
Position	CEO/Managing Director	Position	Company Secretary
Date	31/05/2024	Date	31/05/2024
Seal (if signing under seal):			

Return the completed signed form to environmentalregulation@nt.gov.au