

Snowy 2.0 External Agency Incident Notification Form

Sediment laden water reporting to Yarrangobilly River at GF01 gully - SHL-ENV-INC-002	
Date of Incident	09/07/2024
Time of Incident	12:40
Site	Lobs Hole - GF01 gully
Coordinates (lat long)	35°46'48"S 148°23'4"E
Proponent contact	Jordan Chenery +61 409 991 478

Incident Classification		
Regulator	Description	Notification Details
☒ NSW EPA	<u>EPL 21266 - Pollution of waters L1.1</u> <i>"Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997."</i>	<u>Condition R2.2</u> EPA Hotline # EPA-31336
☒ NSW NPWS	<u>Conditions of Approval - CSSI 9687</u> Sch. 3 Cond. 29 Sch. 3 Cond. 30(m)	<u>CoA: Sch. 4, Cond. 7</u> <i>"Within 7 days of becoming aware of any non-compliance with the conditions of this approval, the Proponent must notify the Department via the Major Projects portal of the non-compliance."</i>
☒ NSW DPHI	<u>Conditions of Approval - CSSI 9687</u> Sch. 3 Cond. 29 Sch. 3 Cond. 30(m)	<u>CoA: Sch. 4, Cond. 7</u> <i>"Within 7 days of becoming aware of any non-compliance with the conditions of this approval, the Proponent must notify the Department via the Major Projects portal of the non-compliance."</i>
☐ Australian DCCEEW	For information.	For information.

Summary of Incident

Incident Details:

As per incident investigation S2-FGJV-ENV-INC-115977:

- On July 9, 2024, at approximately 12:40pm, during routine surface water sampling of EPL55B and EPL 55 Confluence the FGJV Environment team observed sediment laden water ingress into the Yarrangobilly River.
- Upon further investigation, it was observed that GF01 Gully Sump A was leaking into the natural gully, reporting to the Yarrangobilly River.
- The Lobs Hole weather station on July 9, 2024, recorded 13 mm of rain in the 24 hour period.

Environmental Factors:

Impact Type: Surface water

Receiving Medium: Surface water - River

Agent: Sediment laden water

Volume of Agent Released: Unknown

Area of Impact: Yarrangobilly River

Duration of Incident: 1 Day

Duration of Impact: 1 Day

Immediate Actions taken

- Water samples were collected at the sump, upstream (of confluence) and the mixing zone (EPL55 confluence). The downstream sampling location was inaccessible.
- Leed Engineering and Construction Pty Ltd were engaged to reconstruct the sump. Rectification works were completed on 13/07/2024.
- On 16/07/2024, during rainfall, the reconstructed sump was inspected and observed to be holding water. No signs of leakages were identified during the inspection.

Photograph(s) / Map(s)

Figure 1: Map showing location of the incident (GF01 gully).



Figure 2: Sump A at the time of the incident.



Figure 3: Downstream of the Sump A spillway



Figure 4: Downstream of Sump A spillway. Sediment laden water flowing into the natural gully.



Figure 5: Mixing zone of Yarrangobilly River (EPL55 confluence) at the time of the incident.



Figure 6: Sump A after rectification works by LEED contractor.



Figure 7: Sump A during rainfall after rectification works. No signs of leakages were identified during the inspection.

