

Snowy 2.0 External Agency Incident Notification Form

Sediment-laden water entering Yahoo Gully from F10.5 basin - SHL-ENV-INC-003	
Date of Incident	20/07/2024
Time of Incident	13:45
Site	Lobs Hole - Yahoo Gully
Coordinates (lat long)	35°46'45.42"S 148°23'20.70"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-31539
☒ 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-116012:

“Rain event commenced on 15/07/2024, with 53 mm of rain received in Lobs Hole from 11:00 on 15/07/2024 to 11:00 on 20/07/2024. As a result, F10.5 basin was receiving stormwater runoff from the haul road and was full. During an inspection, the SHL environmental assurance officer identified sediment laden water entering Yahoo Gully from F10.5 basin. By 16:30 when the environment team went to inspect the basin and incident sample, it was unclear if F10.5 basin was overtopping or if it was the suspected leak that was causing sediment laden water downstream at EPL24. Comprehensive and basic sampling was completed at F10.5 basin, upstream, downstream (EPL24) and the impact site.”

Environmental Factors:

Impact Type: Surface water

Receiving Medium: Surface water

Agent: Sediment laden water

Volume of Agent Released: Unknown

Area of Impact: Yahoo Gully natural watercourse

Duration of Event: 24-48 Hours

Duration of Impact: 24-48 Hours

Immediate Actions taken

1. Construct watercart access into F10.5 basin and install a standpipe and pump.
2. Dewater F10.5 basin to assess leak and investigate options for repairs.
3. Comprehensive and basic water quality sampling was completed at F10.5 basin, upstream, downstream (EPL24) and the impact site.

Next Steps

In accordance with S2-FGJV-ENV-INC-116012 (Part G: Corrective Actions):

1. Complete action from incident #114414 and #114732 - “De-water F10.5 basin and investigate options for water cart and standpipe access as well as a liner.”
2. Once dewatered, inspect the integrity of basin walls to identify leaks and organise to repair the basin.
3. Repair broken water carts and confirm delivery date of new water carts.”

Photograph(s) / Map(s)

Figure 1: Map showing location of the incident



Figure 2: F10.5 basin full following rainfall on 20/07/2024



Figure 3: Yahoo Gully confluence into Yarrangobilly River on 21/07/2024.



Figure 4: Sediment laden water observed downstream of F10.5 basin on 20/07/2024.

