

# GISTM Principle 15 – August 2025 Public Disclosure

**Carlin Complex** 

James Creek TSF



Page Page 2 of 9

#### FACILITY LEVEL STATEMENT OF CONFORMANCE<sup>1</sup>

The James Creek Tailings Storage Facility (TSF) is in Partial Conformance with the GISTM. Work is planned and ongoing to achieve Full Conformance during 2026, including a dam safety review and studies to update the knowledge base, dam safety inspection, design documentation, operational documentation, and emergency response plans.

#### **PRINCIPLE 15**

Publicly disclose and provide access to information about the tailings facility to support public accountability.

#### **REQUIREMENT 15.1**

A. For new tailings facilities for which the regulatory authorisation process has commenced, or that are otherwise approved by the Operator, the Operator shall publish and update, in accordance with Principle 21 of the UNGP, the following information:

Requirement 15.1 A is not applicable as this is an existing facility.

- B. For each existing tailings facility and in accordance with Principle 21 of the UNGP, the Operator shall publish and update at least on an annual basis, the following information:
- 1. A description of the tailings facility (information may be obtained from the output of Requirements 5.5 and 6.4)

Nevada Gold Mines LLC (NGM), a joint venture between Barrick Mining Corporation (Barrick) and Newmont Corporation (Newmont), owns and operates the James Creek TSF located at the Gold Quarry site as part of the Carlin complex, approximately 10 kilometres northwest of Carlin, Nevada, USA. James Creek Tails are currently being mined and hauled to other tailings facilities as part of mine expansion.

The James Creek TSF is described by the following details:

- Facility Operational Status: Closed.
- **Expansion Methods**: Constructed in a single phase.

<sup>&</sup>lt;sup>1</sup> Facility-Level Conformance Definitions:

Full Conformance: All applicable requirements are met in full; or, all applicable requirements are met but the facility requires remedial works to conform to specific requirements (e.g. 4.7 or 5.7), for which basic engineering is complete, budgeted, and a construction schedule has been developed and approved by the Accountable Executive to complete remedial works as soon as reasonably practicable.

Partial Conformance: Some requirements are fully met, others are partially met or not met.

Non-Conformance: No applicable requirements are either partially or fully met.



Page Page 3 of 9

- **Embankment Type**: Cross-valley facility contained by zoned embankments including a low permeability fill (LPF) core on the upstream side of the embankments.
- Basin: LPF lined.
- Deposition Start and End (year): 1985 1992.
- Tailings Storage Capacity: Conventional slurry tailings; 51 M tonnes historical storage capacity, 34 M tonnes remaining after current mining activities. Note, tailings are currently being mined and relocated to JC Dry Stack and Mill 5/6 Central TSFs to facilitate adjacent open pit expansion.
- Current Maximum Embankment Height: 54 m.
- Supernatant Pool Configuration: There is currently no supernatant pool.
- **Long-term closure plan**: After the mining activities which impact the facility are complete, the facility will be sloped, covered, and seeded to form a stable landform.
- 2. The Consequence Classification (Requirement 4.1)

# Facility Consequence Classification

Current Classification	
Significant (GISTM 2020)	

3. A summary of risk assessment findings relevant to the tailings facility (Information may be obtained from the output of Requirement 10.1)

The James Creek TSF risk assessment was updated in October 2024, determined that no risk drivers exist for the facility. Since the risk assessment was completed, NGM has identified material findings and mitigations required to reduce the risk to ALARP (see Requirement 15.1 B-6 below).

4. A summary of impact assessments and of human exposure and vulnerability to tailings facility credible flow failure scenarios (Information may be obtained from the output of Requirements 2.4 and 3.3)

Impact assessments of human exposure and vulnerability to tailings facility credible flow failure scenarios have not been assessed for James Creek TSF.



Page Page 4 of 9

5. A description of the design for all phases of the tailings facility lifecycle including the current and final height (Information may be obtained from the output of Requirement 5.5)

The James Creek TSF is a cross-valley facility across low-lying drainages and contained by two zoned embankments including a low permeability fill (LPF) core on the upstream side of the embankments and a low permeability fill lined basin. The embankment dams were constructed in a single stage.

The northwestern side of the facility has been mined to facilitate expansion of the adjacent Gold Quarry Pit. Tailings mined from the James Creek TSF are hauled and mechanically placed at the 5/6 Central TSF to the currently permitted level and James Creek Dry Stack TSF within the Gold Quarry site.

There is no supernatant pond or hydraulic containment of this facility. Surface runoff drains to the Gold Quarry Pit via direct runoff or infiltration through tailings material.

The underlying geology of the facility consists of Tertiary Carlin formation, a geologic unit comprised of loosely cemented sand, silts, gravels, volcanic tuffs, and clays. The Carlin formation is underlain by Devonian aged limestones and siltstones at depth (30 m or greater).

The facility has been engineered, and the design and construction of the facility was overseen by a qualified engineer and the appointed Engineer of Record. The table below summarizes the historical stages of construction.

#### Stages of Dam Construction

Stage	Construction Completion Year	Crest Elevation (m)	Significant Design Changes
Dam Embankment	1985	1646	
	2006	N/A	First pit layback which requires mining of James Creek tailings. Some tailings are placed in a separate facility, some tailings are placed in stack at the east side of the James Creek TSF.
	2009	N/A	Second pit layback which requires mining of James Creek tailings which are placed in a separate facility.
	2024	N/A	Pit layback, which required mining of the James Creek tailings.
	2025 – 2032 (Planned)	N/A	Pit layback, which required mining of the James Creek tailings.



Page Page 5 of 9

6. A summary of material<sup>2</sup> findings of annual performance reviews and dam safety review (DSR), including implementation of mitigation measures to reduce risk to ALARP (Information may be obtained from output of Requirements 10.4 and 10.5)

# Summary of Material Findings and Mitigation Measures

Reference	Material Findings Summary	Material Findings Summary Mitigation Measures to Meet ALARP		
2025 NGM <sup>3</sup>	The observed slope of mined tailings was steeper than required to meet post-seismic stability criteria.	· •		

7. A summary of material<sup>4</sup> findings of the environmental and social monitoring programme including implementation of mitigation measures (Requirement 7.5)

There have been no material incidents or findings from the environmental and social incidents monitoring programme.

- 8. A summary version of the tailings facility EPRP for facilities that have a credible failure mode(s) that could lead to a flow failure event that:
  - Informed by credible flow failure scenarios from the tailings facility breach analysis;
  - Includes emergency response measures that apply to project affected people as identified through the tailings facility breach analysis and involve cooperation with public sector agencies; and
  - Excludes details of emergency preparedness measures that apply to the Operator's assets, or confidential information (Requirements 13.1 and 13.2);

An Emergency Action Plan (EAP) will be developed for this facility in accordance with the Nevada Division of Water Resources (NDWR) Dam Safety Program. The EAP, once developed, will describe procedures for reporting and responding to a wide range of potential adverse events at the James Creek TSF and include a notification flowchart (see below) to ensure stakeholders and responders are informed promptly and engaged in event response. The EAP, once developed, will be reviewed annually and updated as necessary to reflect changes in site conditions, NGM's responsible personnel, available resources, and contractors who may be engaged in a response.

\_

<sup>&</sup>lt;sup>2</sup> Material findings are findings that have a high probability of becoming or actual dam safety issues that require immediate attention and are considered immediately dangerous to life, health or the environment, a significant regulatory enforcement.
<sup>3</sup> 2025 NGM: refers to review of as-built conditions by NGM personnel.

<sup>&</sup>lt;sup>4</sup> An incident is considered material if it:

a) Causes significant negative impact on human health or the environment:

b) Extends onto publicly accessible land and has the potential to cause significant adverse impact to surrounding communities, livestock or wildlife;

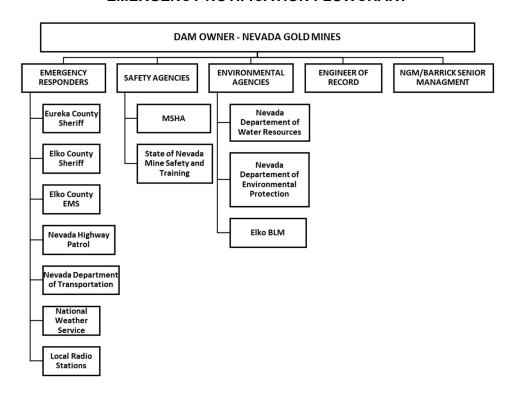
c) Results in a breach of license conditions, the convention between the mine and government, or a violation of environmental regulations and standards or constitute releases above Reportable Quantities (RQs) any of which is immediately reportable to the government by law or other statute; or

d) Results in a release of cyanide (above 0.5 mg/l of WAD cyanide, confirmed by a certified third-party laboratory as above detection limit) to any surface water that leaves the site boundaries or any groundwater aquifer (whether on or off-site).



Page Page 6 of 9

#### **EMERGENCY NOTIFICATION FLOWCHART**



# 9. Dates of most recent and next independent reviews (Requirement 10.5)

# Dates of Independent Reviews

Review Type	Latest Review	Previous Review
IGRB <sup>5</sup>	October, 2023	None.
DSR <sup>6</sup>	Planned 2026	None

<sup>&</sup>lt;sup>5</sup> IGRB: Independent Geotechnical Review Board.

<sup>&</sup>lt;sup>6</sup> DSR: Dam Safety Review



Page Page **7** of **9** 

10. Annual confirmation that the Operator has adequate financial capacity (including insurance to the extent commercially reasonable) to cover estimated costs of planned closure, early closure, reclamation, and post-closure of the tailings facility and its appurtenant structures (Requirement 10.7)

Barrick has sufficient financial resources to meet its business requirements for the foreseeable future, including capital expenditures, working capital requirements, interest payments, environmental rehabilitation, securities buyback and dividends.

For additional information refer to Barrick Annual Report 'Financial Position and Liquidity' (page 97) and 'Contractual Obligations and Commitments' table (page 99).

**Barrick Annual Report** 

C. Provide local authorities and emergency services with sufficient information derived from the breach analysis to enable effective disaster management planning (Information may be obtained from the output of Requirement 2.3)

An EAP will be developed for the James Creek TSF to meet permitting requirements through the Nevada Division of Water Resources. The EAP outlines emergency response procedures to be implemented during various identified emergencies and has been shared with local authorities. The EAP is reviewed and updated annually.

#### List of Documents Shared with Local Authorities and Emergency Services

Local Authority or Emergency Services	Document
Bureau of Land Management	EPRP, EAP – Will be sent once completed
Nevada Division of Water Resources	EPRP, EAP – Will be sent once completed
Nevada Division of Environmental Protection	EPRP, EAP – Will be sent once completed
Nevada Department of Emergency Management	EPRP, EAP – Will be sent once completed
Nevada Highway Patrol	EPRP, EAP – Will be sent once completed
National Weather Service	EPRP, EAP – Will be sent once completed
Eureka County Sheriff	EPRP, EAP – Will be sent once completed
Elko County Sheriff	EPRP, EAP – Will be sent once completed



Page Page 8 of 9

#### **REQUIREMENT 15.2**

Respond in a systematic and timely manner to requests from interested and affected stakeholders for additional information material to the public safety and integrity of a tailings facility. When the request for information is denied, provide an explanation to the requesting stakeholder.

Barrick is committed to the timely response to requests for additional information material to the public safety and integrity of their TSFs from interested and affected stakeholders. In the event that specific information cannot be shared with the requesting stakeholder, an explanation will be provided. Information on Barrick's Tailings Management policy and our Social Performance Policy can be found at the following links:

**Tailings Management Policy** 

Social Performance Policy

#### **REQUIREMENT 15.3**

Commit to cooperate in credible global transparency initiatives to create standardised, independent, industry-wide and publicly accessible databases, inventories or other information repositories about the safety and integrity of *tailings facilities*.

Barrick is committed to global transparency around the public safety and integrity of our TSFs. A link to Barrick's Tailings Management Policy can be found here.

**Tailings Management Policy** 



Page Page 9 of 9

## **CAUTIONARY STATEMENT ON FORWARD-LOOKING INFORMATION**

Certain information contained in Barrick's Global Industry Standard on Tailings Management ("GISTM") tailings disclosure ("GISTM Disclosure"), including any information as to the design and operation of Barrick's tailings facilities and Barrick's sustainability strategy and vision, projects, plans or future technical, or operating performance constitutes "forward-looking statements". All statements, other than statements of historical fact, are forward-looking statements. The words "target", "plan", "project", "develop", "estimate", "potential", "may", "will", "likely", "unlikely", "can", "could", "would" and similar expressions identify forward-looking statements. In particular, this GISTM Disclosure contains forward-looking statements including, without limitation, with respect to: the results of Barrick's annual performance and dam safety reviews and related mitigation measures for the James Creek Tailings Storage Facility ("James Creek TSF"); achieving full conformance by June 2026; the results of Barrick's tailings facility breach analysis and inundation studies including human exposure and vulnerability to flow failure scenarios, disaster management planning and emergency preparedness; and estimated costs associated with James Creek TSF.

Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the company as at the date of this Response in light of management's experience and perception of current conditions and expected developments, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Known and unknown factors could cause actual results to differ materially from those projected in the forward-looking statements and undue reliance should not be placed on such statements and information. Such factors include, but are not limited to: operating or technical difficulties in connection with mining or development activities, including geotechnical challenges, tailings dam and storage facilities failures; physical and transition risks related to climate change, including extreme weather events and resource shortages; risk of loss due to acts of war, terrorism, sabotage and civil disturbances; changes in national and local government legislation, taxation, controls or regulations and/or changes in the administration of laws, policies and practice; political or economic development in Nevada, United States, or other countries in which Barrick does or may carry on business in the future; timing of receipt of, or failure to comply with, necessary permits and approvals; our ability to maintain relationships with public sector agencies and the communities surrounding the James Creek TSF; contests over access to water, power and other required infrastructure; and disruptions in the maintenance or provision of required infrastructure and information technology systems. In addition, there are risks and hazards associated with the business of mineral exploration, development and mining, including environmental hazards, industrial accidents, unusual or unexpected formations, pressures, caveins and flooding. Many of these uncertainties and contingencies can affect our actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, Barrick. Readers are cautioned that forward-looking statements are not guarantees of future performance.

All of the forward-looking statements made in this GISTM Disclosure are qualified by these cautionary statements. Specific reference is made to the most recent Form 40-F/Annual Information Form on file with the SEC and Canadian provincial securities regulatory authorities for a discussion of some of the factors underlying forward-looking statements and the risks that may affect Barrick's ability to achieve the expectations set forth in the forward-looking statements contained in this Response.

Barrick disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.