

# Memo

**To:** Nicolas Courville, Senior Enforcement Officer  
**From:** Geoffrey Lake  
**Date:** February 2, 2023  
**Subject:** Côte Gold Project - Condition 8.4.4 Reporting – HR4/ER1 Crossing #3 Incident

In accordance with Condition 8.4.4 of the Decision Statement issued under Section 54 of the Canadian Environmental Assessment Act, 2012 for the Côte Gold Mine Project, IAMGOLD Corporation (IAMGOLD) is providing a written report in response to an incident which occurred on November 4<sup>th</sup>, 2022.

## **Incident Summary**

On November 4<sup>th</sup>, 2022, a sediment release incident occurred as part of construction involving the replacement of culverts at the HR4/ER1 Crossing #3 at IAMGOLD's Côte Gold Project. As a result of the incident, total suspended solids and turbidity exceedances were reported. The Spills Action Centre was notified of the incident on November 5<sup>th</sup>, 2022 (Incident Reference #1-28T5OD). The Department of Fisheries and Oceans Canada (DFO) was also notified per Condition 2.2.8.2 of Fisheries Act Authorization 22-HCAA-01132.

A technical memorandum summarizing the incident is provided in Appendix A and a summary provided in the following paragraphs.

## **Changes Made to Avoid a Subsequent Occurrence and Implementation of Additional Measures to Mitigate Residual adverse Environmental Effects**

Following the discovery of the sediment release, an additional turbidity curtain was installed approximately 100m downstream of the release point at approximately 17:00. The following day, a temporary sandbag barrier was constructed to better direct flows through the diversion channel and to seal off the upstream cofferdam location to further mitigate sediment release through the rockfill access road.

In situ measurements and water samples for laboratory analysis were collected daily from five sites near the incident from November 4<sup>th</sup> through November 11<sup>th</sup>. Sampling included upstream reference stations and locations downstream of the incident location.

Monitoring results indicated that the effects of the incident were constrained to 100 m downstream of the release point and were short in duration, that is, levels returned to background by November 7<sup>th</sup>, 2022.

As outlined in the attached technical memorandum, the project site team continues to improve its erosion and sediment control measures. To ensure similar incidents do not occur in the future, the following corrective actions were implemented:

- The contractor reviewed the construction plans to accommodate changing site conditions (i.e., fluctuating water levels);
- a sandbag barrier was installed;
- the revised construction plan was reviewed by the construction team;
- the applicable environmental permits and Erosion and Sediment Control plan were revised and resubmitted to IAMGOLD Environment by the contractor; and
- daily inspections of the construction area by the Environment team were implemented to ensure adherence to the sequential construction plans and applicable permits.

On January 5, 2023, IAMGOLD received an Education Letter from DFO regarding the incident. It is attached in Appendix B. Following the receipt, IAMGOLD ensured the communication was distributed to relevant site personnel, including site contractors implementing construction projects.

Should you have any questions regarding this report, please contact Geoffrey Lake, Environmental Superintendent at [Geoffrey\\_Lake@iamgold.com](mailto:Geoffrey_Lake@iamgold.com).

Regards,



**Geoffrey Lake**  
Environmental Superintendent  
Côté Gold Project – IAMGOLD

**Geneviève Sulatycky**  
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Côté Gold Project – IAMGOLD

#### Appendices:

**Appendix A – Technical Memorandum**  
**Appendix B – Education Letter**

**Cc: Kyle Levac, Senior Environmental Coordinator – IAMGOLD Côté Gold Project**  
**Ben Stinson, Environmental Manager – IAMGOLD Côté Gold Project**