

Spill Contingency Plan

Esker Gold Project – 2025 Early-Stage Exploration Program

Guardian Exploration Inc.

1. Purpose

This Spill Contingency Plan outlines the procedures to prevent, respond to, and report any accidental spills of fuel or hazardous materials that may occur during the Esker Gold Project. Although no fuel will be cached or stored at the site, small volumes of fuel (for UAVs) and chemicals (e.g., muriatic acid) may be transported daily by helicopter. The plan ensures environmental protection and compliance with regulatory expectations.

2. Project Overview

Project Name: Esker Gold Project

Proponent: Guardian Exploration Inc.

Location: East of South Henik Lake, ~170 km WNW of Arviat, Nunavut

Season: August–September 2025

Activity Type: Early-stage gold exploration (mapping, sampling, drone/IP geophysics)

Access: Helicopter only

Fuel/chemical use: No storage; daily transport only

3. Hazardous Materials Onsite

Substance	Quantity	Use	Storage
Helicopter fuel (Jet A/B)	Managed by charter	Aircraft operations	Stored offsite by operator
UAV batteries	Portable	Drone magnetometer survey	Carried in aircraft; recharged offsite
Muriatic acid (2 × 1L)	Max 2 L	Field testing for carbonates	Secured in secondary containment, transported daily

4. Spill Prevention Measures

- - No fuel cached or stored in the field
- - All fuel and chemicals remain in transport containers during site visits
- - UAV batteries stored in padded, fire-resistant cases
- - Muriatic acid carried in sealed plastic containers with secondary containment

- - Helicopter fueling follows contractor protocols, conducted offsite
- - Field crews trained in spill response and safe handling

5. Spill Response Equipment

- Each field team will carry a portable spill response kit, including:
 - - Absorbent pads and socks
 - - Heavy-duty plastic bags
 - - Nitrile gloves
 - - Safety goggles
 - - Duct tape and zip ties
 - - Disposal labels

6. Spill Response Procedures

- A. Initial Actions
 1. Stop the spill if safe to do so (close container, upright vessel).
 2. Notify others in the area and ensure personal safety.
 3. Contain the spill using absorbents or natural barriers (rocks, tundra vegetation).
 4. Prevent spread to waterbodies by blocking downhill flow.
 5. Use PPE (gloves, goggles) before cleanup.
 6. Collect and bag contaminated materials for proper disposal at camp or designated facility.
- B. Reporting
 - Spills must be reported immediately to:
 - - NUNAVUT SPILL LINE: 867-920-8130
 - - Guardian Site Lead / Field Supervisor: [Insert Name & Sat Phone]
 - - Guardian Exploration Inc. Contact:
 - - Graydon Kowal – +1-403-862-1234
 - - Steven Dudka – s.dudka@savitarcap.com
 - Report the following:
 - - Time and location of spill
 - - Substance and volume
 - - Cause of spill (if known)
 - - Actions taken
 - - Whether spill entered water or sensitive terrain

7. Training and Responsibilities

- All field staff will be briefed before deployment on:
 - - Use of spill kits
 - - Safe chemical handling
 - - Emergency contact protocols

- - Wildlife and environmental safety
- One team member will be designated as Spill Response Lead on each flight crew.

8. Waste Management of Spilled Materials

- - All absorbent and contaminated material will be sealed in leak-proof containers
- - Returned daily to base camp or Arviat for approved disposal
- - No hazardous waste will be buried, burned, or left in the field

9. Follow-Up

- - Field supervisor will record all spill events
- - Photo documentation will be taken
- - Report submitted to KIA, NPC, and other regulators (if required)
- - Spill incidents reviewed post-season for procedural improvements

10. Maps and Contacts

- Emergency and reporting contacts will be carried in all field kits and aircraft manifests.