



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention Preparedness and Response Program
SITUATION REPORT (SITREP)

2025 Red Dog Mine Process Water Release

SITREP #: 1

SPILL #: 25389913401

DATE/TIME OF DISTRIBUTION: May 14, 2025, at 4:15 p.m.
Information current as of May 14, 2025, at 2:30 p.m.

POTENTIAL RESPONSIBLE PARTY (PRP): Teck Alaska, Inc. (Teck)

INCIDENT LOCATION: Red Dog Mine, Alaska

DATE/TIME OF SPILL: May 14, 2025, at 01:13 am

HOW/WHEN SPILL WAS DISCOVERED AND REPORTED: The spill was discovered at 02:30 am through a visual observation by mine staff and reported internally. At 02:59 am the spill was reported to the National Response Center and to the Alaska Department of Environmental Conservation (DEC) at 03:27 am. Emergency response personnel were on site at 03:15 am.

TYPE/AMOUNT OF PRODUCT SPILLED: An initial estimated amount of up to 400,000 gallons of process water was released. A portion of that left secondary containment. Of that, an estimated 100-1000 gallons left the gravel infrastructure to impact tundra and Red Dog Creek, which is currently not frozen. Process water has the potential to contain zinc, lead, cadmium, and tailing sediments.

CAUSE OF SPILL: A slurry pump failure led to an overflow of process water.

SOURCE CONTROL: At 02:38 am the failed pump was turned off; by 03:20 am process water flows were diverted away from the broken system.

RESPONSE ACTION: A trench was created across the road to divert the spill into a lined containment area. Berms were created to keep the spilled process water on the gravel infrastructure. Vacuum trucks continue to collect spilled process water. The majority of solids in the process water naturally deposited on the gravel infrastructure. A preliminary sample of the released process water was collected near where the spill entered tundra and Red Dog Creek. The sample is currently being analyzed for concentrations of zinc, lead, and other contaminants of concern.

A Unified Command (UC) was established at 10:00 am with representatives from Teck, DEC, and the Environmental Protection Agency (EPA) to manage and oversee the response.

RESOURCES AT RISK OR AFFECTED: The spilled process water reached tundra and Red Dog Creek. There have been no known impacts to wildlife, but responders are alert to the possibility of bear, caribou, and grayling in the area. Migratory waterfowl have not begun arriving in the area.



FUTURE PLANS AND RECOMMENDATIONS: Responders are continuing to use vacuum trucks to remove standing process water on tundra and the gravel road. The recovered liquid will be concentrated by the pump house. Teck will scrape topsoil from the gravel infrastructure with heavy machinery. The recovered liquid concentrate and topsoil will be recycled and processed through routine mining operations.

Additional water samples will be collected downstream of the spill (see map below) to test for contaminants. Any observations of wildlife in the area or fish carcasses will be noted and reported to the Unified Command and the appropriate wildlife agencies.

WEATHER: Relatively light and generally east winds with dry conditions and sunny skies are expected to last through this afternoon, with the high likely in the mid 40s. A slight wind shift to blow more generally from the northeast is likely tonight, with continuing clear skies, which will allow the low temperature to fall into the upper 20s. Quiet weather will continue tomorrow.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Darren Jones, Teck

SOSC: Kimberley Maher, DEC

FOSC: Bob Whitter, EPA

DATE/TIME OF THE NEXT REPORT DISTRIBUTION: as the situation warrants

FOR ADDITIONAL INFORMATION CONTACT: Kimberley Maher, Northern Regional Manager, DEC (907) 451-2124

[\[https://dec.alaska.gov/spar/ppr/spill-information/response/\]](https://dec.alaska.gov/spar/ppr/spill-information/response/)



AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor's office, State Emergency Operations Center, U.S. Department of the Interior, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and other state agencies. This situation report was also distributed to the following agencies and stakeholders:

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
Teck Alaska Inc	Kally Perry	Email	kally.perry@teck.com		
Senate T	Senator Donny Olson	Email	senator.donald.olson@akleg.gov	800-597-3707 907-465-3707	907-465-4821
House 40	Representative Robyn Burke	Email	Representative.Robyn.Burke@akleg.gov	907-465-3473 888-288-3473	
Alaska State Troopers	Kotzebue	Fax		442-3222	442-3221
ADF&G	Chelsea Clawson	Email	chelsea.clawson@alaska.gov	907-459-7363	
US EPA	Bob Whittier	Fax/Email	Whittier.robert@epa.gov	206-553-1263 206-553-1264	271-3424
Dept of Law Attorney General Office	Treg Taylor	Fax/Email	treg.taylor@alaska.gov	907-269-5100	276-3697
North West Arctic Borough Mayor	Dickie Moto	Email	dmoto@nwabor.org	442-2500	442-2930