



Red Dog Mine Inspection Report

Inspection Date: August 18, 2022 thru August 20, 2022
Weather: Partly Cloudy, Calm winds, 50 to 65 F
Time of Inspection: 8:00 AM to 5:00 PM
Operator Contact: Rebecca Hager, Emily Hart, Robert Napier
Agency Personnel: DNR: William Groom, Carolyn Curley, Steve Buckley, Aaron Kruse & Ben Wagner

Inspection Objectives: This was a multi-day, site visit to review the current Red Dog Operations and future expansion plans of the mine site and exploration program for Anarraaq and Aktigiruuq deposits.

Day 1 (8/19): The first day on this trip was dedicated to an inspection of the active Red Dog Minesite. Sites visited as a part of this inspection include the Bons Creek Reservoir, the Tailings Storage Facility Back Dam, the DD-2 material site, the Waste Rock Stockpile reclamation, the Red Dog Mine Main Dam, Red Dog Mine outfall and the Mine Water diversion dam.



Looking upstream at Bons Creek Dam



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Department of Natural Resources

DIVISION OF MINING, LAND & WATER

Mining Section

Northern Office

3700 Airport Way
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Crest of Red Dog back dam



Waste Rock Dump reclamation



Red Dog Mill from DD-2 Material Site



Tailings Deposition in bottom of DD-2 Material Site



Waste Rock Dump reclamation



Grading of material over liner on Waste Rock Dump



Red Dog Creek below Main Dam



Red Dog Outfall and Mixing Zone



Red Dog Creek above outfall and Mixing Zone



Red Dog Creek fish weir



Aqqaluk Pit from below Red Dog camp.



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Day 2 (8/20): The second day on this trip involved a helicopter trip along the proposed Anarraaq & Aktigirug Exploration Program Road alignment to several sites along the proposed road as well as the active surface exploration. Additionally, there was a brief excursion on the flight to the Lik Deposit Exploration program and the historic camp facility.



A&A Exploration Program helicopter pads





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Tailings Beach behind Main Dam



Geotechnical Exploration drill rig



Historic Lik Exploration Camp.



Exploration Drill rig at A&A project



Red Dog & Aqqaluk pits from helicopter



Qanaiyaq Pit from helicopter



Mineralization in drill core



Mineralization in drill core

Additional photos and sUAS video are available upon request.

Conclusion: Operations at the Red Dog Mine Site appear to be in good condition and the test plot revegetation sites on the Main Waste Stockpile are growing well. The new cover for the Main Waste Stockpile is currently about 30 % in place and covers approximately 50 Acres of the total 150 Acre stockpile. There did not appear to be any offsite discharges of material from the mine site. There is also a high level of continued development activity as Teck works on the current Main Dam and Back Dam lifts and mining from the Aqqaluk and Qanaiyaq Pits.

The A&A Exploration Program appeared to be in good condition with multiple Geotechnical Drills and Exploration Drills in operation on site. Surficial exploration drilling is primarily occurring at the Aktigirug deposit with drilling depths in excess of 2500 ft requiring specialized drilling rigs. Along the proposed exploration road, there is increased geotechnical drilling to identify potential portal entries to the Anarraaq and Aktigirug deposits as well as to identify geological features that would impede underground development.

Action Items:

End of Report

Cc: Kyle Moselle (ADNR)
Jennifer Murrell (ADNR)
Steve Buckley (ADNR)
Brent Martellaro (ADNR)
Allan Nakanishi (ADEC)
Tim Pilon (ADEC)
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