



Blackwater Mine



2025 Aboriginal Group Monitor and Monitoring Report

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Acronyms and Abbreviations

Aboriginal Groups or Indigenous Nations	Aboriginal Groups include: Lhoosk'uz Dené Nation, Ulkatcho First Nation, Nadleh Whut'en First Nation, Stelat'en First Nation, Saik'uz First Nation, and Nazko First Nation (as defined in the Project's Environmental Assessment Certificate #M19-01)
AGM	Aboriginal Group Monitor
AGMMP	Aboriginal Group Monitor and Monitoring Plan
Artemis	Artemis Gold Inc.
BC	British Columbia
BW Gold	BW Gold LTD.
DS	Decision Statement
EAC or Certificate	Environmental Assessment Certificate
EAO	Environmental Assessment Office
EM	Environmental Manager
EMA	Environmental Management Act
EMC	Environmental Monitoring Committee
EMS	Environmental Management System
FSR	Forest Service Road
GM	General Manager
IEM	Independent Environmental Monitor
LDN	Lhoosk'uz Dené Nation
LoM	Life of Mine
Mt	Million tonnes
NFN	Nazko First Nation
NFNs	Nechako First Nations. A term used to collectively describe Saik'uz, Stelat'en and Nadleh Whut'en First Nations.
NWFN	Nadleh Whut'en First Nation
PPE	Personal protective equipment
SFN	Saik'uz First Nation
StFN	Stelat'en First Nation
TL	Transmission line

ToE	Terms of Engagement
TSF	Tailings storage facility
UFN	Ulkatcho First Nation

1.0 Mine Overview

1.1 Mine and Proponent

BW Gold Ltd., a wholly owned subsidiary of Artemis Gold Inc. (Artemis), has developed the Blackwater Mine (the Mine), an open pit gold and silver mining project.

The Mine, located in central BC, is approximately 112 km southwest of Vanderhoof, 160 km southwest of Prince George, and 446 km northeast of Vancouver, BC. The Mine is currently accessed via the Kluskus Forest Service Road (FSR), the Kluskus-Ootsa FSR, and an exploration access road, which connects to the Kluskus-Ootsa FSR at km 142. The Kluskus FSR joins Highway 16 approximately 10 km west of Vanderhoof.

Major Mine components include a tailings storage facility (TSF), ore processing facilities, waste rock, overburden and soil stockpiles, borrow areas and quarries, water management infrastructure, water treatment plants, accommodation camps, and ancillary facilities. The Mine uses a gravity circuit and whole ore leach, as well as conventional drill and blast methods. The gold and silver are recovered into a gold-silver doré product and shipped from the Mine.

Electrical power is supplied by an approximately 135 km, 230 kilovolt overland transmission line that connects to the BC Hydro grid at the Glenannan substation located near the Endako mine, 65 km west of Vanderhoof, British Columbia.

Construction began in October 2022. The first gold and silver pour at Blackwater was achieved in January 2025. Commercial production was declared on May 1, 2025.

Mine development is being undertaken in a phased approach, starting with an initial throughput of 5.5 million tonnes (Mt) per year and potentially increasing this to the maximum throughput approved in the Environmental Assessment Certificate (EAC) of 22 Mt per year until the end of the 23-year life of mine (LoM).

1.2 Indigenous Groups

The Mine is located within the traditional territories of Lhoosk'uz Dené Nation (LDN), Uikatcho First Nation (UFN), Skin Tyee Nation, and Tsilhqot'in Nation. The Kluskus and Kluskus-Ootsa FSRs and Mine transmission line cross parts of the traditional territories of Nadleh Whut'en First Nation (NWFN), Saik'uz First Nation (SFN), and Stelat'en First Nation (StFN) (collectively, the Nechako First Nations [NFNs]), as well as the traditional territories of the Nazko First Nation (NFN), Nee Tahi Buhn Band, Cheslatta Carrier Nation, and Yekooche First Nation (Environmental Assessment Office [EAO] 2019a, 2019b).

2.0 Legislation and Existing Permits

2.1 Legislation

Federal legislation applicable to the AGMMP includes.

- Impact Assessment Act; and
- United Nations Declaration on the Rights of Indigenous Peoples Act.

Provincial legislation applicable to the AGMMP includes.

- Declaration on the Rights of Indigenous Peoples Act; and

- Environmental Assessment Act.

2.2 Environmental Assessment Office and Federal Decision Statement Conditions

The AGMMP is required by EAC Condition 17. Condition 3 (Adaptive Management) does not apply to the AGMMP as Condition 17 does not require monitoring or the implementation of mitigation measures.

There are no federal DS conditions requiring Aboriginal Monitors.

2.3 Permits and Mineral Tenures

Surface and subsurface rights over the Mine area are controlled by the Crown.

The Mine received an EAC (M19-01) on June 21, 2019, under the BC *Environmental Assessment Act* (2002), and an Environmental Assessment Decision Statement (DS) on April 15, 2019, under the *Canadian Environmental Assessment Act, 2012* (2012), approving the Mine with conditions under New Gold Inc. (New Gold). In August 2020, Artemis acquired the mineral tenures, assets, and rights in the Blackwater Mine that were previously held by New Gold. On August 7, 2020, the EAC was transferred to BW Gold under the BC *Environmental Assessment Act* (2018), and on March 8, 2023, BW Gold received the Joint Application for *Mines Act / Environmental Management Act* Permits (Joint MA/EMA Application / Application) for the Mine.

On June 22, 2021, the Mine received *Mines Act* Permit M-246, and on June 24, 2021, the Mine received *Environmental Management Act* (EMA) Permit PE-110602, authorizing early construction works. Later, on March 8, 2023, *Mines Act* Permit M-246 was amended for the approval of a Mine Plan and Reclamation Program. On May 2, 2023, BW Gold received EMA Permit PE-110650 authorizing discharge of air contaminants to the atmosphere and Permit PE-110652 authorizing discharge of effluent to surface and groundwater from the Mine. Permits are updated as needed, based on changing regulations, conditions, and requirements.

3.0 Purpose and Objectives

This report details BW Gold's engagement with the objectives of the Aboriginal Group Monitor and Monitoring Plan (AGMMP) in 2025.

The purpose of the AGMMP is to describe BW Gold's approach to identify, recruit and retain Aboriginal Group Monitors (AGM).

The plan objectives are to:

- Identify the scope of the Monitor's activities related to monitoring for potential effects of the Project on that Aboriginal Group's Aboriginal Interests, which include asserted or determined Aboriginal rights, including title or treaty rights.
- Provide terms of engagement (ToE) for Aboriginal Monitors that focus on the potential effects from the Project on Aboriginal Group's Aboriginal Interests.

The AGMMP applies to all Aboriginal Groups. Separate ToE have been developed for LDN and UFN, the NFNs and NFN, and are tailored to reflect the scope of their monitoring based on potential effects of the Project on Aboriginal Interests. The ToE are appended to Aboriginal Group-specific versions of the AGMMP. The Monitors are intended to be integrated with BW Gold's

environmental team and fulfill a role consistent with that of an Environmental Monitor, with additional focus on values raised by Aboriginal Groups as described in their ToE. The AGMs and the Environmental Manager (EM) will work to coordinate and streamline monitoring and reporting to achieve efficiency and avoid duplicative monitoring, where practicable.

4.0 Identification and Retention of Aboriginal Group Monitors

4.1 Aboriginal Group Monitor Job Description

BW Gold developed a job description (for individual Nations) for the AGM role. Six AGMs were retained in total in 2025, although not all at one time. Job descriptions are available in Appendix B.

4.1.1 Monitors Retained by BW Gold

In line with the AGMMP, BW Gold retained three AGMs. Kloud Chantyman (of LDN), Linda Siwallace (of UFN), and Brittani Sterling (of NWFN, representing all three NFNs). In November 2025 Kloud Chantyman commenced in the role of AGM representing LDN. In May 2024, Linda Siwallace commenced in the role of AGM representing UFN. In June 2025, Brittani Sterling commenced in the role of AGM representing the NFNs.

The LDN AGM role remained vacant from May 2024 until November 2025, despite consistent hiring efforts. Kloud Chantyman commenced the role of AGM representing LDN in November 2025 for one rotation and subsequently went on leave for personal reasons. BWG continues to work with LDN to fill this role temporarily until Kloud is able to return.

The Ulkatcho First Nation AGM role was held by Linda Siwallace throughout 2025.

The Nechako First Nations role was filled in June 2025 by Brittani Sterling. Brittani was able to complete two rotations on site, in June and then July, and due to personal reasons worked the remainder of 2025 from home.

4.1.2 Monitors Retained by Aboriginal Groups

Nazko First Nation has retained an AGM since 2022. In 2025, AGMs Stephanie Denault and Tristan Hjorth changed roles within Nazko and for the duration of 2025, Nazko was unable to fill the AGM role. BWG continues to work with Nazko to fill this role.

The NFNs, in line with the AGMMP, shared a monitor and retain the monitor as a direct hire by the Nations. Transmission line (TL) clearing in NFNs territory commenced in December 2023. During 2024, the NFNs retained Howie Alexis (Saikuz First Nation), Deane Carlson (Stellat'en First Nation), and Taneesha Raymond (Stellat'en First Nation) as Aboriginal Monitors to participate in TL monitoring, IEM and EAO inspections. NFNs AGMs were retained until TL completion in May 2025, with Brittani Sterling being hired in June 2025 by BWG representing the NFNs.

5.0 Aboriginal Group Monitor Professional Development

UFN, LDN and NFNs Monitors completed several training courses in 2025. The training courses that each have successfully completed and are listed below:

2025			
Training	Brittani Sterling (NFNs)	Linda Siwallace (UFN)	Kloud Chantyman (LDN)
Cyanide Safety Level 1 ILT	X	X	X
Fire Extinguisher eLearning	X	X	X
Personal Protective Equipment (PPE) Standard	X	X	X
Respectful Workplace Policy	X	X	X
Site Driving Permit (Green Zone) ILT	X	X	X
Site Orientation ILT	X	X	X
Take 5 eLearning	X	X	X
Working or Travelling Alone or in Isolation Procedure	X	X	X
Archaeological and Cultural Heritage Chance Find Procedure	X	X	
Archeological and Culture heritage Resource Management Plan	X	X	
Atmospheric Disturbance, Lightning and Storm Procedure	X	X	
Code of Conduct Policy	X	X	
Construction Environmental Management Plan	X	X	
Fuel Management and Spill Control Plan	X	X	
Fair Treatment Policy	X	X	
Insider Trading Policy	X	X	
Noise and Hearing Conservation Awareness eLearning	X	X	
Surface Erosion Prevention and Sediment Control Plan	X	X	
Camp Rules Policy	X		X
Dayforce Hourly Employee eLearning	X		X
Emergency Activation Procedure	X		X
Fatigue Management eLearning	X		X
Fitness for Duty Policy	X		X
Hours of Work Policy	X		X
Leave Policy	X		X
Mobile Devices Policy	X		X
Performance Management and Discipline Policy	X		X
Spill Response & Reporting Procedure	X		X
Traffic Management Plan (TMP)	X		X
Workplace Hazardous Material Information System (WHMIS) eLearning	X		X
Bear Deterrent ILT	X		
Best management Practices for Preventing Invasive Species Spread	X		
Corporate Disclosure Policy	X		
Site Driving Permit (Green Zone) Evaluation	X		

Whistle Blower Policy	X		
CRS 1 - Vehicles & Mobile Equipment Critical Risk Standard		X	
Driving in the Mine Procedure		X	
Mine Operations Induction ILT		X	
Pit Driving Permit (Red Zone) ILT		X	
Pit Driving Permit (Red Zone) Evaluation		X	
Refueling Procedure		X	
Respectful Workplace ILT		X	
Working Around Mobile Equipment Procedure		X	
Human Resources Orientation ILT			X

6.0 Reporting Structure and Incorporation of Input from Aboriginal Group Monitors

AGMs deliver monthly reports via email to the EM, the Indigenous Relations Managers – see Section 8.1 for further detail. UFN was represented for the entirety of 2025 with twelve (12) reports (one per month) with LDN being represented for one report in November and NFNs for two reports, one in June and one in July. Reports are appended in Appendix A.

7.0 Plan Implementation Schedule

Pursuant to the AGMMP schedule, BW Gold has retained AGMs for UFN and LDN since construction began in 2022 (late September).

As per an agreement with Nazko First Nation, their AGM was retained since July 2022.

A rotating roster of NFNs AGMs were retained during TL construction until TL completion in May 2025. In June 2025, a single AGM was hired to represent all 3 NFNs, as agreed upon jointly by the NFNs.

8.0 Reporting and Record Keeping

8.1 Aboriginal Monitor Reports

UFN, LDN and NFNs AGMs have been responsible for submitting a monitoring report covering activities that have occurred on site over the 2- week period of their shift. A comprehensive compilation of 2025 reports that exist is attached (Appendix A). An AGM Report was only generated for periods when there was an AGM on shift.

A July – December work from home report was completed by Brittani and is attached (Appendix A).

8.2 Inspections

During 2025, NFNs monitoring activities have consisted of participating in IEM and or EAO Inspections. Reports generated by the Independent Environmental Monitor (IEM) and/or regulators (i.e. EAO and

IAAC). The Independent Environmental Monitor Reports are distributed by the IEM leads.

A list of inspections and Nation representation is included below:

Inspections	Nations Attending
January: IEM Inspection	o Saik'uz First Nation o Stellat'en First Nation
February: IEM Inspection	o Stellat'en First Nation
March: IEM Inspection	o Saik'uz First Nation o Stellat'en First Nation
April: IEM Inspection	o Saik'uz First Nation
May: IEM Inspection	o Stellat'en First Nation
July: IEM Inspection	o Stellat'en First Nation
August: IEM Inspection	o Saik'uz First Nation o Stellat'en First Nation
September: IEM Inspection EAO Inspection	o Stellat'en First Nation o Nadleh Whut'en First Nation
October: IEM Inspection IACC Inspection	o Saik'uz First Nation o Ulkatcho First Nation
November: IEM Inspection	o Saik'uz First Nation o Stellat'en First Nation

8.3 Record Keeping

Aboriginal Monitor reports are retained in an internal database.

9.0 References

Appendix A: 2025 Aboriginal Monitor Monthly Reports

See sub-appendices in the online folder



POSITION DESCRIPTION

Environmental Monitor- Ulkatcho First Nation

Project Description

Artemis Gold Inc. is seeking a member from Ulkatcho First Nation to be an Environmental Monitor at the Blackwater Gold Project, a proposed open pit gold and silver mine with a twenty-three-year life span in central British Columbia. The mine site is located approximately 110 km southwest of Vanderhoof and approximately 710 km driving distance from Anahim Lake. The Blackwater Gold Mine is in the development stage, with early works construction projected to start in March 2022

This is an excellent opportunity for someone who is a team player who wants to grow with the company as we develop the mine, while also being involved in exciting environmental monitoring work and representing the environmental interests of Ulkatcho First Nation. Job-specific training (on-and off-site) will be provided to further the knowledge of the successful candidate and to ensure continued professional development of the candidate.

Location of Position, Rotation and Hours of Work

The Environmental Monitor- Ulkatcho First Nation will report to the Environmental Manager and Senior Environmental Coordinator (or their delegate) in addition to regular reporting and seeking feedback on monitoring locations and monitoring workplans from their Nation representatives, and will be based at the remote Project site, which is 110 KM Southwest of Vanderhoof, BC. Hours and days of work are expected to follow a 7-day in, 7-day out or 14-day in, 14-day out rotation (TBD), with 12-hour work days. Camp accommodations will be provided. Regular travel between the Project site and Vanderhoof is also provided. Regular and reliable travel between your home and Vanderhoof will be required. The position will include both indoor office work and outdoor field work, in all weather conditions.

BW Gold's policies, procedures, site access requirements relevant to this position are still under development and will be shared as soon as they are available. Aboriginal Monitors will abide by BW Gold policies while conducting monitoring activities. These requirements will be set out in the Monitor's employment agreement or contractual agreement, as appropriate.

The Environmental Monitor will be a member of the Ulkatcho First Nation and will receive functional support and guidance from Ulkatcho First Nation in fulfilling their role. This is a full-time, permanent position.

Aboriginal Group Monitor and the BC Mines Act

The working conditions and expectations for this role will be aligned with conditions for working at a mine in accordance with the BC Mines Act. In accordance with the Act, the Mine Manager is responsible for project activities, including site access. The Mine Manager has overall responsibility for mine operations, including the health and safety of workers and the public. The Mine Manager has the authority to assess

the fitness for work of all people accessing the site, including Aboriginal Monitors, and will consider their qualifications to undertake the work, based on their knowledge, training and experience and capability of identifying any potential or actual danger to health and safety in the workplace. Fitness for work will be a requirement for site access and the Aboriginal Monitor role more generally. The Mine Manager with support from UFN natural resources department will decide whether an Aboriginal Monitor meets the requirements of the job description and can fulfill the role.

Scope of Responsibilities

The responsibilities for this role include, but are not limited to the following:

Participate in field activities:

- Surface, Stream and Groundwater quality and quantity monitoring
- Wildlife and vegetation assessment and monitoring
- Air quality (dust), noise and vibration monitoring
- Construction environmental monitoring (e.g., soil salvage, erosion and sediment control)
- Fish habitat compensation projects
- Aquatic effects monitoring
- Environmental inspections (e.g., tailings storage facility inspections, compliance inspections)
- Documentation and record keeping
- Report writing

Assist with:

- Field data management and organization (hard copy and using a computer and electronic filing)
- Standard Operating Procedure development
- Independent Environmental Monitor (IEM) site inspections
- Safety planning (e.g. participating in Field Level Hazard Assessments, Job Hazard Analysis)
- Consultant/Contractor logistics and technical support

Other duties:

- Locate environmental monitoring locations and establish new stations, as needed, using a GPS and maps
- Regular off-road vehicle use (e.g., UTV, boat and snowmobile)
- Lifting (large coolers of water samples, generators, ice augers, etc.)
- This is a physical outdoors-based position which may include long hikes over rough terrain and or deep snow at times
- Able to carry a backpack and or other heavy equipment across rough terrain
- Work safely and contribute to safe practices
- Ensure that BW Gold environmental commitments and Health, Safety and Environment (HSE) policies are observed in all site activities
- Conduct environmental monitoring as required by permits and according to BW Gold's Management Plans and Standard Operating Procedures (per the Environmental Management System)
- Follow quality assurance/ quality control requirements and procedures
- Carry out sample preparation procedures in an on-site lab setting

- Prepare and submit samples for off-site analysis, including tracking of Chain of Custody forms and appropriate reporting periods
- Conduct inspections and audits of project environmental management system (EMS) and environmental activities (e.g., waste management)
- Interact and communicate effectively within a multi-disciplinary team consisting of environmental professionals, engineers, and contractors

Qualifications and Skills

Prefer previous experience with resource management (e.g., forestry, forest fire fighting), environmental monitoring/sampling (e.g., some combination of: stream/lake sampling, benthic/sediment sampling, groundwater sampling, fish sampling, stream flow measurement, vegetation identification, erosion/sedimentation monitoring), or experience in environmental or cultural resource protection.

- Intermediate computer skills (MS Word, Excel, Email and PowerPoint), or at a basic level with a keen willingness to take further training
- Safety conscious, reliable, self-starter and a team player
- Prefer valid BC Class 5 driver's licence
- Good general physical health to perform rigorous outdoor activity
- Knowledge of the use of off-road vehicles and environmental monitoring equipment and to troubleshoot issues
- Strong orienteering and wilderness experience to access environmental monitoring locations safely
- Prefer experience with data management, time management and organizational skills with ability to take clear, and concise field notes or a willingness to take further training
- Occupational and/or wilderness first aid is considered an asset
- Experience in traditional ecological knowledge and/or archaeological studies is considered a strong asset, including the ability to identify vegetation and wildlife species

How to Apply:

We ask that qualified candidates submit their resumes to hr@artemisgoldinc.com. We are an equal opportunity employer committed to equal employment opportunity without discrimination or harassment on the basis of race, religion, national origin, status, age, sex, sexual orientation, gender identity or expression, marital or domestic/civil partnership status, or any other basis protected by law. We would like to thank all of those who apply; however only those selected for an interview will be notified. Successful candidates will be required to provide a drivers abstract (if applicable), and are required to participate in pre-employment medical and drug & alcohol testing. Artemis is committed to providing all shortlisted candidates from Ulkatcho First Nation with feedback on their application as part of our Training and Employment strategy.



POSITION DESCRIPTION

Environmental Monitor – Lhoosk’uz Dené Nation

Project Description

Artemis Gold Inc. is seeking a member from Lhoosk’uz Dené Nation to be an Environmental Monitor at the Blackwater Gold Project, a proposed open pit gold and silver mine with a twenty-three-year life span in central British Columbia. The mine site is located approximately 110 km southwest of Vanderhoof and approximately 5-6 hours driving distance from Quesnel. The Blackwater Gold Mine is in the development stage, with early works construction projected to start in March 2022.

This is an excellent opportunity for someone who is a team player who wants to grow with the company as we develop the mine, while also being involved in exciting environmental monitoring work and representing the environmental interests of Lhoosk’uz Dené Nation. Job-specific training (on-and off-site) will be provided to further the knowledge of the successful candidate and to ensure continued professional development of the candidate.

Location of Position, Rotation and Hours of Work

The Environmental Monitor - Lhoosk’uz Dené Nation will report to the Environmental Manager and Senior Environmental Coordinator (or their delegate) in addition to completing regular reporting and seeking feedback on monitoring locations and monitoring workplans from their Nation representatives, and will be based at the remote Project site, which is 110 KM Southwest of Vanderhoof, BC. Hours and days of work are expected to follow a 7-day in, 7-day out or 14-day in, 14-day out rotation (TBD), with 12-hour work days. Camp accommodations will be provided. Regular travel between the Project site and Vanderhoof is also provided. Regular and reliable travel between your home and Vanderhoof and/or Quesnel (TBD) will be required. The position will include both indoor office work and outdoor field work, in all weather conditions.

BW Gold’s policies, procedures, site access requirements relevant to this position are still under development and will be shared as soon as they are available. Aboriginal Monitors will abide by BW Gold policies while conducting monitoring activities. These requirements will be set out in the Monitor’s employment agreement or contractual agreement, as appropriate.

The Environmental Monitor will be a member of the Lhoosk’uz Dené Nation and will receive functional support and guidance from Lhoosk’uz Dené Nation in fulfilling their role. This is a full-time, permanent position.

Aboriginal Group Monitor and the BC Mines Act

The working conditions and expectations for this role will be aligned with conditions for working at a mine in accordance with the BC Mines Act. In accordance with the Act, the Mine Manager is responsible for project activities, including site access. The Mine Manager has overall responsibility for mine operations,

including the health and safety of workers and the public. The Mine Manager has the authority to assess the fitness for work of all people accessing the site, including Aboriginal Monitors, and will consider their qualifications to undertake the work, based on their knowledge, training and experience and capability of identifying any potential or actual danger to health and safety in the workplace. Fitness for work will be a requirement for site access and the Aboriginal Monitor role more generally. The Mine Manager with support from LDN natural resources department will decide whether an Aboriginal Monitor meets the requirements of the job description and can fulfill the role.

Scope of Responsibilities

The responsibilities for this role include, but are not limited to the following:

Participate in field activities:

- Surface, Stream and Groundwater quality and quantity monitoring
- Wildlife and vegetation assessment and monitoring
- Air quality (dust), noise and vibration monitoring
- Construction environmental monitoring (e.g., soil salvage, erosion and sediment control)
- Fish habitat compensation projects
- Aquatic effects monitoring
- Environmental inspections (e.g., tailings storage facility inspections, compliance inspections)
- Documentation and record keeping
- Report writing

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- Locate environmental monitoring locations and establish new stations, as needed, using a GPS and maps
- Regular off-road vehicle use (e.g., UTV, boat and snowmobile)
- Lifting (large coolers of water samples, generators, ice augers, etc.)
- This is a physical outdoors-based position which may include long hikes over rough terrain and or deep snow at times
- Able to carry a backpack and or other heavy equipment across rough terrain
- Work safely and contribute to safe practices
- Ensure that BW Gold environmental commitments and Health, Safety and Environment (HSE) policies are observed in all site activities
- Conduct environmental monitoring as required by permits and according to BW Gold's Management Plans and Standard Operating Procedures (per the Environmental Management System)
- Follow quality assurance/ quality control requirements and procedures

- Carry out sample preparation procedures in an on-site lab setting
- Prepare and submit samples for off-site analysis, including tracking of Chain of Custody forms and appropriate reporting periods
- Conduct inspections and audits of project environmental management system (EMS) and environmental activities (e.g., waste management)
- Interact and communicate effectively within a multi-disciplinary team consisting of environmental professionals, engineers, and contractors

Qualifications and Skills

Prefer previous experience with resource management (e.g., forestry, forest fire fighting), environmental monitoring/sampling (e.g., some combination of: stream/lake sampling, benthic/sediment sampling, groundwater sampling, fish sampling, stream flow measurement, vegetation identification, erosion/sedimentation monitoring), or experience in environmental or cultural resource protection.

- Intermediate computer skills (MS Word, Excel, Email and PowerPoint), or at a basic level with a keen willingness to take further training
- Safety conscious, reliable, self-starter and a team player
- Prefer valid BC Class 5 driver's licence
- Good general physical health to perform rigorous outdoor activity
- Knowledge of the use of off-road vehicles and environmental monitoring equipment and to troubleshoot issues
- Strong orienteering and wilderness experience to access environmental monitoring locations safely
- Prefer experience with data management, time management and organizational skills with ability to take clear, and concise field notes or a willingness to take further training
- Occupational and/or wilderness first aid is considered an asset
- Experience in traditional ecological knowledge and/or archaeological studies is considered a strong asset, including the ability to identify vegetation and wildlife species

How to Apply:

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Appendix B: 2025 Aboriginal Monitor Job Description

See sub-appendices in the online folder

Date: Jan. 17-29, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, Jan 17-29, 2025

Daily Activities

Date	Weather	Activity	Comment/follow up
Jan. 17, 2025	-3°C high to -9°C low 6 km/h winds W Gusts up to 20 km/h	Attend revised orientation. Very informative. I really enjoyed it.	First day back on site.
Jan. 18, 2025	-6°C high to -13°C low 3 km/h winds S	Enter Daily Water Quality (DWQ) photos into excel spreadsheet. Cleaned up the Lab & put inventory & ice packs away. Enter Hydrology data.	Daily Caribou Monitor.
Jan. 19, 2025	-9°C high to -15°C low 1 km/h winds SW	Steven & I completed DWQ samples. Went to Operation Camp to pick up my uniforms. Updated all the trackers.	Turn on Balm mill. This was successful. Daily Caribou Monitor.
Jan. 20, 2025	-5°C high to -15°C low 10 km/h winds SW	Completed entries for DWQ & Surface Water Sample (SWS) photos. Made new folders for SWS for 2025 & transfer all 2024 data to one folder. Worked on reports.	Daily Caribou Monitor. No wildlife sightings. Just tracks.
Jan. 21, 2025	-2°C high to -8°C low 10 km/h winds SW	Attend pit training.	Daily Caribou Monitor.

	Gusts up to 20 km/h	Updated all trackers. Completed DWQ sampling.	
Jan. 22, 2025	-10°C high to -2°C low 8 km/h winds S	Spend time with nucleus remotely fixing my laptop. Marco and I went to DC-05 to prepare a site for flow measurements. Had to chip & remove lots of ice. Preparing bottles for SWS.	Daily Caribou Monitor. Snowing lightly. Blast today at 2:15.
Jan. 23, 2025	-5°C high to -1°C low 8 km/h winds W Gusts up to 45 km/h	Tail gate at mine operations this morning. Marco & I had a ride along in 790 truck this morning. Roads were very slippery, so we had to park until the roads were sanded and graded. Prepared SWS sets.	Snowing and very windy. Daily Caribou Monitor.
Jan. 24, 2025	-8°C high to -3°C low 5 km/h winds W Gusts up to 20 km/h	Kim & I completed DWQ samples. Kim & I completed Erosion Sediment Control inspection at 12 different sites. We also completed the Environmental Work Plan Inspection at the low-grade stockpile and LGO collection pond. Had to harvest some juniper branches for Kristen Leon. Then I participated in a fire ceremony to burn some food, sage & tobacco for our ancestors.	Daily Caribou Monitor. Very chilly once the sun went down. Our ancestors must have been happy and blessed us with a beautiful sunset.

Jan. 25, 2025	-12C high to -2°C low 5 km/h winds W	<p>Kim & I completed DWQ samples.</p> <p>Kim & I completed site inspection at the plant.</p> <p>Prepared SWS bottles.</p> <p>Updated all trackers.</p> <p>Patches of activated carbon were found on the ground around where a punched bag of activated carbon is being stored.</p>	<p>Daily Caribou Monitor.</p> <p>Environmental technician cleaned up the spill and disposed of material in contaminated soil bin. Approximately 20 kg of debris was removed.</p>
Jan. 26, 2025	3 C high to -8°C low 8 km/h winds E	<p>Kim & I completed DWQ samples.</p> <p>Kim & I completed site inspections at Operation Camp, Construction Camp & Fuel Stations.</p> <p>Went to Plant Site and cleaned up the remainder of the activated carbon spill.</p>	<p>Daily Caribou Monitor.</p> <p>Work on report daily.</p>
Jan. 27, 2025	4 C high to -5°C low 11 km/h winds E	<p>Kim & I completed DC-05 flow measurements. We also done effluent water samples.</p> <p>Write date & time on SWS. Prepare coolers with samples for shipment.</p> <p>Update all trackers.</p> <p>Completed inspections with Independent Environmental Monitor (IEM) Grame Paterson, First Nations representative and Steven Hayward.</p>	<p>Daily Caribou Monitor.</p> <p>Work on report</p>

Jan. 28, 2025	4 C high to -5°C low 25 km/h winds NE	Finish off inspections with IEM and crew. Update all trackers.	Daily Caribou Monitor. Work on report.
Jan. 29, 2025	0 C high to 11°C low 5 km/h winds W	Update all trackers Prepared SWS bottles.	Daily Caribou Monitor.

General Activities:

- Attend morning meetings. Daily duties are assigned.
- Complete daily "Take 5" notes. Include as much detail as possible.
- Update all trackers daily.
- Prepare all duties to complete water sampling.

Environmental Monitoring activities:

- Complete DWQ samples at all required locations.
- Keep proper spill kits inside the truck.

Water Management:

- Follow posted instructions for water sampling locations.

Waste Management:

- Monitor bins and receptacles for proper disposal into correct place.

Spills and Incidents:

- Patches of activated carbon were found on the ground around where a punched bag of activated carbon is being stored.

Fuel Management:

- Follow proper procedures when fueling your truck.

Wildlife Management:

- Be careful with foxes and coyotes as they are mating right now.

Social, Cultural, Archaeological or Spiritual:

- Harvested juniper for the aboriginal liaison personnel and participated in a food, sage and juniper burning ceremony for our ancestors.

Photos:



Photo 1: Independent Environmental Monitor Inspection



Photo 2: Beautiful Sunset



Photo 3: Truck Information



Photo 4: Dispatch Routes



Photo 5: Loading Weight



Photo 6: 790 Rock Truck Loading up With Ore



Photo 7: 790 Rock Truck Loading up With Ore



Photo 8: Drill moving to a new location



Photo 9: Interim Environmental Control Dam



Photo 10: Interim Environmental Control Dam



Photo 11: Low Grade Ore Stockpile



Photo 12: Low Grade Ore Stockpile



Photo 13: Low Grade Ore Collection Pond



Photo 13: Cultural Activities Playing Lahal



Photo 14: Cultural Activities Playing Lahal



Photo 15.



Photo 16.



Photo 17.



Photo 18.

Photo 15-18: Processing Plant



Photo 19.



Photo 20.

Photo 19-20: Processing Plant



Photo 21.



Photo 22.

Photo 21-22: Balm Mill

Date: February 15, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, Feb 13-26-2025

Daily Activities

Date	Weather	Activity	Comment/follow up
Feb. 13, 2025	-13° high to -21° low 3 km/h winds SE	Review E-mails. Enter Daily Water Quality (DWQ) onto excel spreadsheet. Transfer DWQ photos into file folders. Transfer Surface Water Sample (SWS) photos into folders. Dust off desk and Lab area.	First day back on site.
Feb 14	-14° high to -19 low 5km/h winds N		Sick Day
Feb 15	-13° high to -22 low 8km/h winds E Gust up to 20 km/h	Randall and I completed DWQ turbidity samples at BCD, VD-668, DD+50 and DC-05. We also completed inspection at Mobile Maintenance. Enter Daily Water Quality (DWQ) onto excel spreadsheet.	Caribou Monitoring. Observe wildlife tracks and watch for them when I am out doing field work.

		Transfer DWQ photos into file folders.	
Feb 16	-8.8° high to -14.7 low 3km/h winds NE	<p>Ethan, Randall and I completed DWQ turbidity samples at BCD, VD-668, DD+50 and DC-05.</p> <p>We also completed Environmental Work Plan inspection at Low Grade Ore (LGO) stockpile pad and pond, Interim Environmental Control Dam (IECD) site and Km 9 bridge on the C-Trail.</p> <p>We also checked on the weather station near the Plant Site.</p> <p>Review management plans.</p> <p>Preparing my report.</p>	<p>Fresh snow. Be Safe and drive carefully.</p> <p>Caribou Monitoring.</p>
Feb 17	-4° high to -14 low 2 km/h winds S/SW	<p>Prepared Surface Water Sample (SWS) bottles. DC-05 + MDMER, DC-10, DC-15 + MDMER, DC-20, WQ10, TC-01 and TC-05.</p> <p>Write date and time on SWS bottles.</p> <p>Clean truck 40 and office windows.</p> <p>Shovel snow around the office entrance, recycle and spill kit bins.</p> <p>Made a trip to the ranch to deliver ice auger to the crew.</p>	<p>Caribou Monitoring.</p> <p>Seen 1 coyote.</p> <p>Beautiful sunny day. Warmed up to -7.</p>

<p>Feb 18</p>	<p>-5° high to -16 low 2 km/h winds SE</p>	<p>Transfer DWQ photos into file folders. Transfer Surface Water Sample (SWS) photos into folders.</p> <p>I completed DWQ turbidity samples at BCD, VD-668, DD+50 and DC-05.</p> <p>Made a trip to Davidson Road to deliver ice auger blades to the crew.</p> <p>Write date and time on SWS bottles.</p>	<p>Caribou Monitoring.</p>
<p>Feb 19</p>	<p>-4° high to -8 low 5 km/h winds E 10 cm of cumulative snow throughout the day.</p>	<p>Shovel snow around the office</p> <p>Preparing my report.</p> <p>Transfer Surface Water Sample (SWS) photos into folders.</p> <p>Prepared Surface Water Sample (SWS) bottles. 661-01, 661-04, 661-05, 661-10, CC-03, CC-15 and CC-20.</p> <p>Independent Environmental Monitor (IEM) tour with Matthew Van Osch, Steven Hayward, Stellat'n First Nation, Deane Carlson and Taneesha Raymond. We went to Infrastructure Laydown, Plant site, Andrew's Hill, Mobile Maintenance, Construction Camp and Operation Camp.</p>	<p>Caribou Monitoring.</p> <p>Steven and I went to Mobile Maintenance to clean up two oil spills. Place two spill trays under both trucks. Retrieved recycled bag from waste bin and delivered to recycle bin at Construction Camp.</p>

Feb 20	2° high to -3 low 15 km/h winds SE Gusts up to 45 km/h	Independent Environmental Monitor (IEM) tour with Matthew Van Osch, Steven Hayward, Stelat'n First Nation Deane Carlson and Taneesha Raymond. We went to Low Grade Ore (LGO) pond, LGO stockpile Pad, Water Management Pond (WMP), Interim Environmental Dam IED), Tailings Discharge and Central Water Transfer Pond (CWTP). Kim and I completed DWQ samples at VD-668 and BCD.	Caribou Monitoring. Raised up sign on off shoot road that was knocked over by a plow truck.
Feb 21	2° high to -1 low 10 km/h winds S Approximately 3 cm of snow is expected throughout the day.	Transfer DWQ photos into file folders. Prepared Surface Water Sample (SWS) bottles. CC-40, 705-05 + MDMER, 705-10, FC-01 + MDMER, 704-01 and 704-03. Review management plans. Preparing my report. Steven & I went to Km 13 to break ice and prepare the spot to complete a flow measurement.	Caribou Monitoring.
Feb 22	4° high to -2 low 15 km/h winds S Gusts up to 60 km/h Approximately 1 cm of snow and 1 cm of rain is expected throughout the day.	Prepared Effluent Water Sample bottles, IECD-Pond-C-S, TSFC-Pond, TSFC-Pond-Dup, Pit-Sump and FB-WS. Preparing my report.	Caribou Monitoring. Seen a flock of Snow Bunting Birds.

		<p>Steven and I went for a hike to view the location of the historic cabin.</p> <p>Kim and I went to WMP to pull Sonde instrument out of the water that continuously reads turbidity monitoring for data collection.</p>	
Feb 23	<p>1° high to -4 low 15 km/h winds SW Gusts up to 50 km/h</p>	<p>Marco, Kim and I went to do the Effluent samples at Interim Environmental Control Dam and Tailings Storage Facility Pond.</p> <p>Wrote date and time on the effluent water sample bottles.</p> <p>Preparing my report.</p> <p>Completed DWQ turbidity sample at VD-668.</p> <p>Steven and I went to Central Transfer Water Pond (CTWP) to check out water levels.</p> <p>Kim and I went to DC-05 to get a YSI reading.</p>	<p>Caribou Monitoring.</p> <p>Seen a fox near Km 13.</p> <p>It's very windy and cold.</p>
Feb 24	<p>2° high to -4 low 15 km/h winds SW Gusts up to 45 km/h</p>	<p>Prepare SWS bottles for 705-05-Dup and FB-WS.</p> <p>Complete DWQ turbidity samples at VD-668, BCD and DC-05.</p> <p>Transfer DWQ photos into file folders.</p> <p>I wrote time and date on four sets of SWS bottles.</p>	<p>Caribou Monitoring.</p>

		Steven and I went to WMP Pond to drill some holes in the ice. Also check out some hoses pass the 13km bridge.	
Feb 25	2° high to -4 low 15 km/h winds SW Gusts up to 50 km/h	Kim and I worked on ground water well (MW23-05S) at Kode Crusher to complete well bottle samples. I wrote the date and all required details for MW23-05S samples. Transfer DWQ photos into file folders. Updated DWQ tracker.	Caribou Monitoring. Very cold North wind.
Feb 26	9° high to -1.8 low 12 km/h winds SW Gusts up to 49 km/h	Kim, Quain and I worked on ground water well bottle samples.	Caribou Monitoring.

General Activities:

- Attend daily tailgate meetings to provide instruction in safety, environmental awareness, and task assignment.
- Update all trackers daily.
- Prepare bottle kits for the monthly surface water and effluent samples.
- Attend site inspections tours with Independent Environmental Monitor (IEM).
- Maintain a positive attitude in the workplace to support a safe environment.

Environmental Monitoring activities:

- Complete DWQ, SWS and Effluent samples at required sites.
- Complete site tours to monitor for non-compliance.
- Monitoring to assess the effectiveness of erosion and sediment controls and drainage control.

Water Management:

- The goal of BWG's discharge management system is to release diverted and site water to the receiving environment in a manner that minimizes the potential for opposing

effects to downstream receptors (flow and water quality), while contributing to the purpose of maintaining site water balance requirements.

Waste Management:

- Training is provided for all employees with respect to proper waste management.
- An awareness of wildlife attractants.
- All waste bins need to be clearly labeled so that on-site personnel know where to dispose of different types of refuse.

Spills and Incidents:

- There were a couple of minor spills at Mobile Maintenance that we cleaned up and placed spill trays under the heavy trucks.

Fuel Management:

- All operators must remain with the fuel nozzle while refueling.
- Spill trays are to be used when refueling.

Wildlife Management:

- Use of buses to reduce traffic.
- Avoid using salt on roads wherever possible.
- Establish and enforce set speed limits.
- Report on all wildlife sightings.

Social, Cultural, Archaeological or Spiritual:

- Aboriginal Monitors will do annual checks on heritage sites to make sure they are safe and not being impacted by the project.
- Steven & I went to check on the location of the historic cabin within the mine site. The fire destroyed it, so we were not able to physically see it.
- The Heritage Conservation Act provides protection for artifacts, features, materials or other physical evidence of human habitation or use on or before 1846 as well as petroglyphs, Petro forms, heritage wrecks, and burials regardless of age.

Photos:



Photo 1: Daily Water Quality Sampling



Photo 2: Haul Truck



Photo 3: Potential Acid Generating (PAG) Dump at Tailings Storage Facility

(TSF)

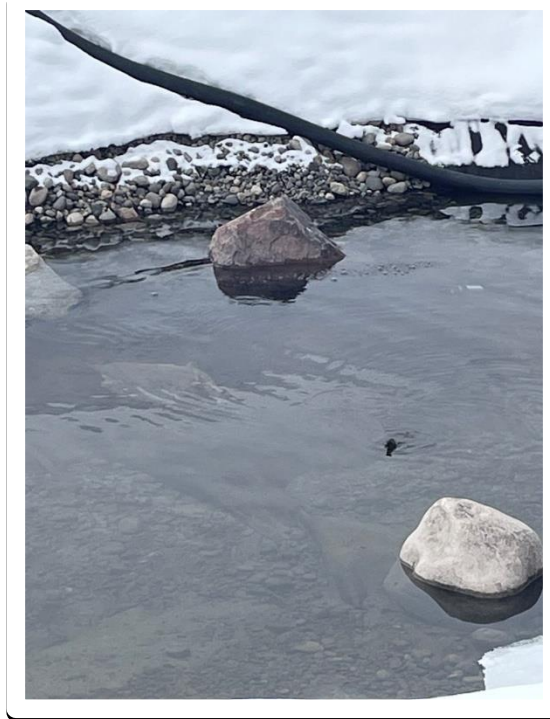


Photo 4: North American Dipper



Photo 5: Davidson Creek Daily Water Quality Sample Site



Photo 6: Davidson Creek Daily Flow Measurement Site



Photo 7: 992 Loader Ore Stockpile



Photo 8: Cyanide C-Can Storage



Photo 9: Low Grade Ore (LGO) Pond with HDPE Liner



Photo 10: Low Grade Ore (LGO) Pond



Photo 11: Low Grade Ore (LGO) Stockpile Pad



Photo 12: Low Grade Ore (LGO) Stockpile Pad



Photo 13: Environment Office

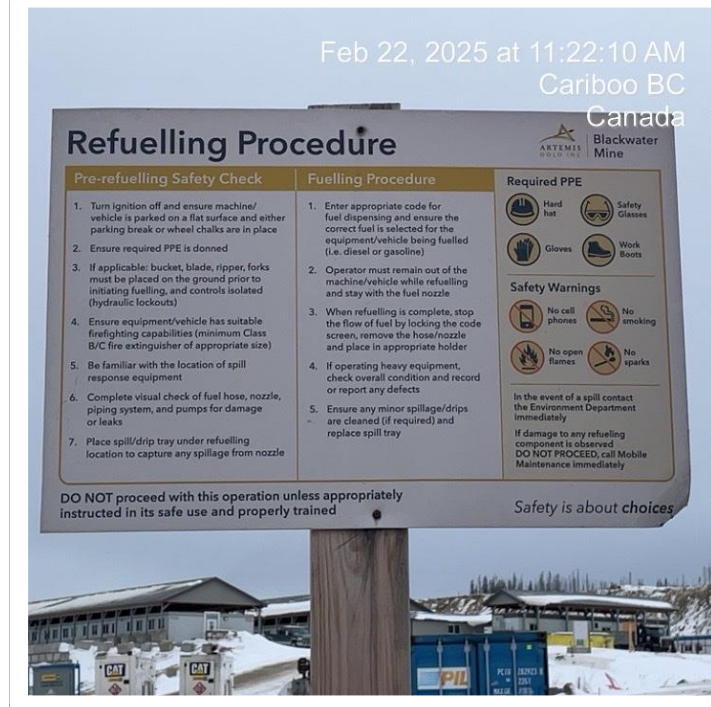


Photo 13: Refueling Procedure

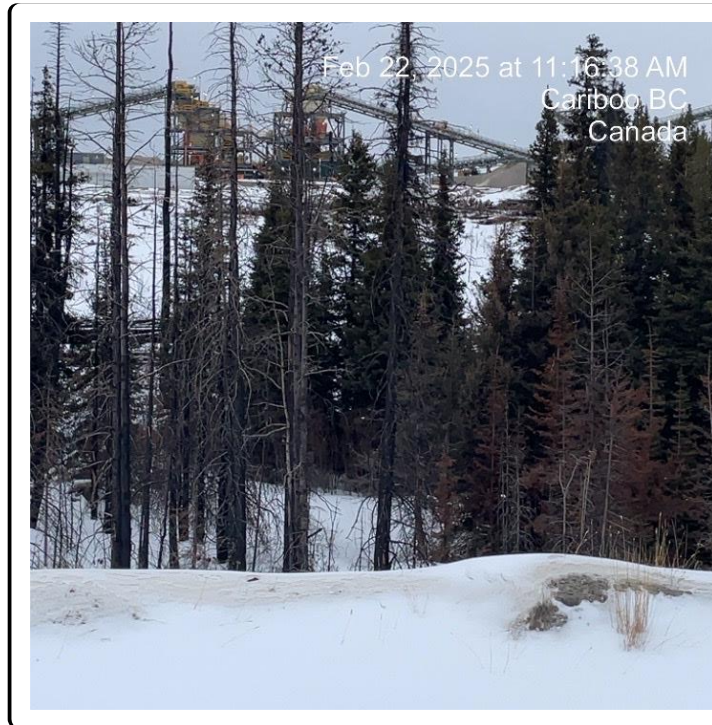


Photo 13: Location of Historic Cabin



Photo 14: Location of Historic Cabin

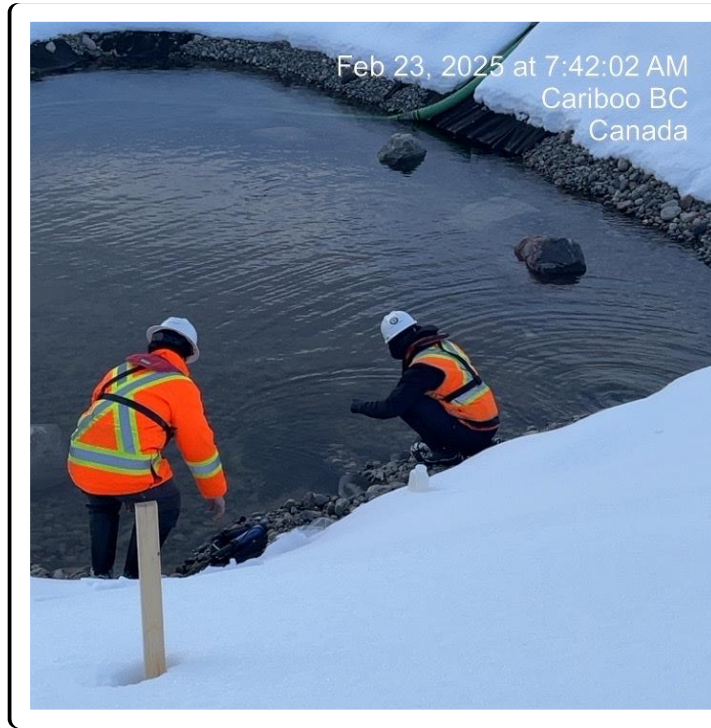


Photo 15: Effluent Water Sample at IECD Collection Sump



Photo 16: Effluent Water Sample at IECD Collection Sump



Photo 17: Effluent Water Sample at Tailings Storage Facility



Photo 18: Tailings Storage Facility – Reclaim Barge

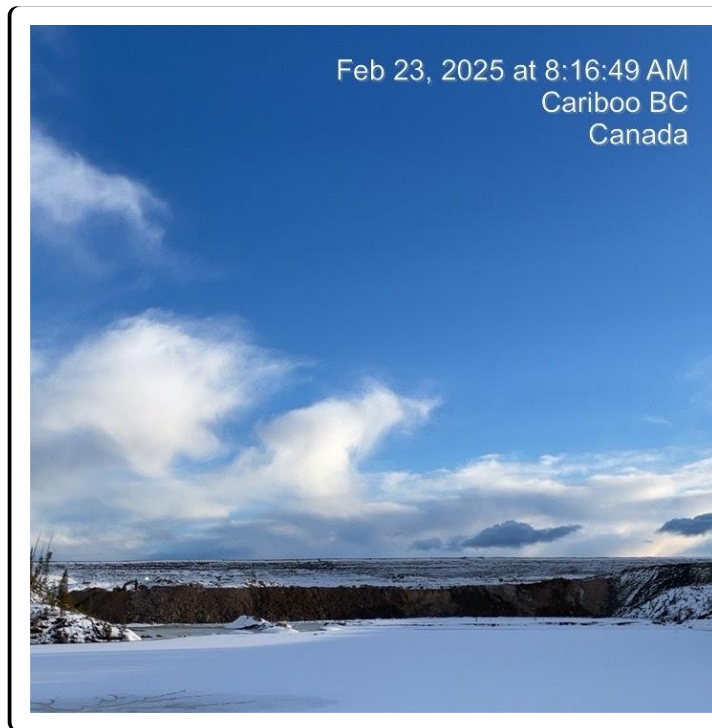


Photo 19: Potential Acid Generating (PAG) Dump at TSF

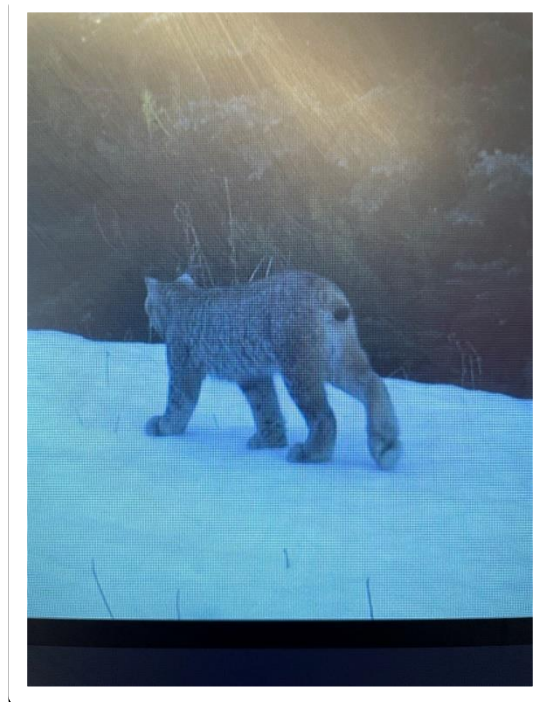


Photo 20: Lynx on Game Camera



Photo 21: Drilling Holes at WMP Pond



Photo 22: Drilling Holes at WMP Pond

Date: March 18, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, March 17-26, 2025

Daily Activities

Date	Weather	Activity	Comment/follow up
March 17, 2025	-2°C high to -7°C low 11 km/h winds W Gusts up to 39 km/h	Review E-mails. Dust off desk & lab area. Transfer Daily Water Quality (DWQ) photos into file folders. Randall and I completed DWQ samples. Prepared bottle set for Pit-Sump.	First day back on site.
March 18	1°C high to -13°C low 6 km/h winds SW Gusts up to 18 km/h	Transfer Surface Water Quality Sample (SWS) photos into folders. Independent Environmental Monitor (IEM) site tour with Graeme Paterson, Taneesha Raymond (Stellat'en), Jimmy Vickers (Saik'uz), and Steven Hayward. We went for a Pit Tour, Low Grade Ore (LGO) pond, LGO Stockpile Pad, Tailings Storage Facility (TSF) Potential Acid Generating (PAG) Dump, Reclaim Line	Caribou Monitoring

		Barge, Plant Site, Exploration Camp and Plant Site Fuel Station.	
March 19	2°C high to -5°C low Gusts up to 40 km/h SE	<p>Continuing with IEM site tour. Central Water Transfer Pond, Tailings Discharge, Mobile Maintenance, Interim Control Dam and Northern Diversion Channel.</p> <p>We had a closed-out meeting with Darren Swinson.</p> <p>Visited Fawnie Creek with the crew to complete SWS.</p> <p>Drilled a hole at TC-15 to check on the flow levels.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Transfer Surface Water Quality Sample (SWS) photos into folders.</p> <p>Transfer Effluent photos into folders.</p>	Caribou Monitoring
March 20	1°C high to -5°C low 15 km/h SW Gusts up to 35 km/h .2 cm of snow is expected this afternoon	<p>Review Management Plans.</p> <p>Work on report</p> <p>Completed DWQ samples at DC-05 and BCD including grab bottles.</p>	Caribou Monitoring
March 21	0°C high to -6°C low 10 km/h SW Gusts up to 42 km/h 1 cm of snow is expected this afternoon	Kim and I tested ground water wells on 065A road. Worked at three monitoring wells MW12-08S, MW12-08D, and MW-095.	Caribou Monitoring

		<p>Each one had an extra bottle testing for ISOTOPES.</p> <p>We went to DC-05 to complete YSI reading and grab bottle.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders</p>	
March 22	<p>0°C high to -7°C low 15 km/h SW Gusts up to 40 km/h 1 cm of snow is expected this afternoon</p>	<p>Kim and I went to 065A road and tested MW12-09D.</p> <p>We then went to L trail and completed testing on MW12-12D.</p> <p>Put coolers of water bottle kits and ice packs away.</p>	<p>Caribou Monitoring</p> <p>Seen moose tracks cross the road before Operations Camp (OP).</p>
March 23	<p>1°C high to -3°C low 10 km/h SW Gusts up to 25 km/h 6 cm of snow is expected throughout the day.</p>	<p>Dust off desk & lab area.</p> <p>Review Management Plans.</p> <p>Prepare bottle sets for DC-05 +DMER, DC-10-Dup, FB3-WS, FWR-DC-05 +MDMER x3, DC-05 +MDMER, DC-05 +MDMER, DC-10, DC-15 +MDMER, WQ10, TC-05, 661-04 and 661-05.</p>	<p>Caribou Monitoring</p>
March 24	<p>5°C high to -4°C low 8 km/h SW Gusts up to 20km/h</p>	<p>Prepare the bottle sets for 661-10, CC-03, CC-15, CC-20, CC-40.</p> <p>Steven, Marco and I went to CWTP to drill holes in the ice to see how deep the water was in the pond. Trying to determine why the pump is not pumping any water.</p>	<p>Caribou Monitoring</p>

March 25	5°C high to -3°C low 5 km/h E Gusts up to 15km/h 2.5 cm of snow is expected throughout the day	Steven, Marco and I went to complete SWS at WQ10, DC-05, DC-10 and DC-15. Prepare the bottle sets for 705-05 +MDMER and 705-10. Write date and time on the following bottle sets WQ10, DC-05, FB3-WS, DC-10, DC-10-DUP, and DC-15. Work on Report	Caribou Monitoring
March 26	3°C high to -1°C low 15km/h SE Gusts up to 22 km/h 4 cm of snow is expected this afternoon	Prepare bottle sets for FC-01 +MDMER and 7 Transfer Daily Water Quality (DWQ) photos into file folders. 04-03. Transfer Surface Water Quality Sample (SWS) photos into folders. Kim and I tested ground water wells MW22-02D and MW23-05D.	Caribou Monitoring

General Activities:

- Attend daily tailgate meetings at 6:15 AM to provide guidance on safety and daily task assignments.
- Update all trackers daily to keep track of all daily and weekly samples.
- Participate in monthly tours with Independent Environmental Monitor (IEM), First Nations representative and Superintendent Steven Hayward to monitor for non-compliance.
- Prepare bottles for the monthly surface water and effluent samples.
- Train for ground water sampling with Kim Kiaser Environmental Technician.
- Keep Lab area clean and disinfect work area.
- Unpack freight and put it away in the correct space.
- Read up on management plans.

Environmental Monitoring activities:

- Complete DWQ, SWS and Effluent samples.
- Complete weekly site monitoring to assess the effectiveness of erosion and sediment controls and drainage control.

- Lookout for wildlife activities on site.
- To record air quality at Blackwater the Environmental Department conducts 24-hour air sampling at scheduled intervals. The sampling equipment is located on the SW corner of Operations Camp and contains two different filters to measure the amount of airborne particulate matter.

Water Management:

- The flow of water through erodible soils will always find the easiest path and bring along sediment with it. With winter under way keep in mind that snow may be hiding erosion with the freezing and thawing process. If you see any turbid water entering watercourses near your work area, please let the environmental team know.

Waste Management:

- Promote workplace cleanliness through on-board training by supporting the expectation to keep areas free of uncontained refuse and placing litter, including cigarette butts, into appropriate waste containers.
- Storing waste in wildlife-proof containers.
- Collect and dispose of recyclable material offsite.

Spills and Incidents:

- Employees on site are required to report every spill regardless of the size.
- The type and quantity of the substance spilled.

Fuel Management:

- Ignition will be turned off while the vehicle is being refueled.
- Fuel storage and dispensing will occur at least 30 m from wetlands and waterways.

Wildlife Management:

- Orientation and Training for caribou awareness program.
- Wildlife observation and interaction reporting procedures.
- A 30-metre buffer will be used to protect wetland areas.
- Installing textured lining for the low-grade ore pond.

Social, Cultural, Archaeological or Spiritual:

- Sites within 50 m of Project activities will be flagged as "No Work Zones" on the ground and monitored by the Environmental Manager (EM) and Aboriginal Monitors during construction in the vicinity of the site.
- There is one documented historic cabin site within the mine site and the area is flagged off. Unfortunately, the cabin burnt down in the 2023 fire.

Photos:

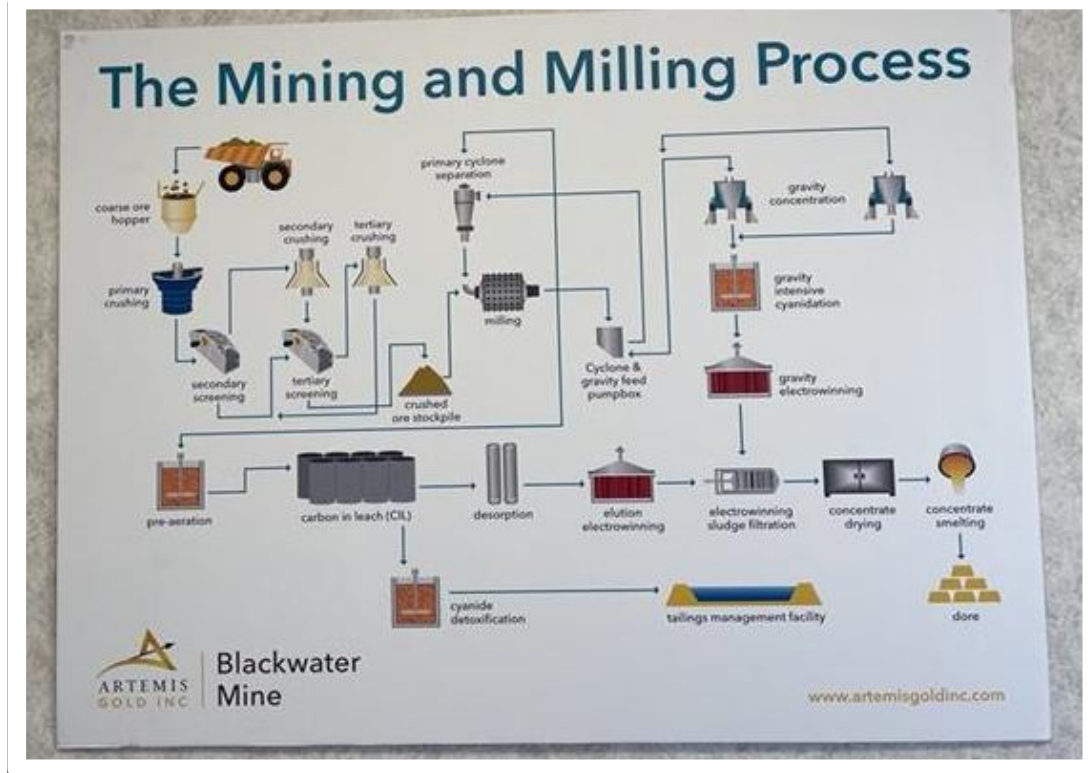


Photo 1: The Mining and Milling Process



Photo 2: Sulfur Burner



Photo 3: Processing Plant



Photo 4: Gold Poring Furnace



Photo 5: Low Grade Ore Pond Textured Lining



Photo 6: Low Grade Ore Pond Textured Lining



Photo 7: Potential Acid Generating (PAG) Dump at Tailings Storage Facility



Photo 8: Lined Containment Berm for Chemical Storage at Plant Site



Photo 9: Fawnie Creek Surface Water Sample



Photo 9: Fawnie Creek Surface Water Sample



Photo 10: Monitoring Well Sampling 065A Road



Photo 11: Monitoring Well Sampling L Road



Photo 12: Well Sampling Pump



Photo 13: Ore Body



Photo 14: CWTP Pond to Drill Some Holes



Photo 15: Drilling Holes at CWTP Pond



Photo 16: Drilling Holes at CWTP Pond



Photo 17: Thickness of the Ice at DC-05

Date: April 12, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, April 10-24-2025

Daily Activities

Date	Weather	Activity	Comment/follow up
April 10, 2025	8°C high to -3° low 16 km/h winds S/SE Gusts up to 46 km/h	Review E-mails. Dust off desk & Lab area. Transfer Daily Water (DWQ) photos for March & April into file folders.	First day back on site.
April 11	3°C high to -1° low 15 km/h winds W/SW Gusts up to 68 km/h	Completed 11 courses in the Bistrainer program. Transfer Daily Water (DWQ) photos into folders. Put incoming supplies away.	
April 12	4°C high to -4° low 8 km/h winds W/NW Gusts up to 23 km/h	Completed 4 courses in the Bistrainer program. Transfer Daily Water (DWQ), Surface Water Quality (SWS) and Effluent photos into file folders. I'm preparing my report. Clean up truck #57. Swept and detailed the dash and doors.	
April 13	6°C high to -4° low 3 km/h winds S/SW Gusts up to 17 km/h	Randall and I completed DWQ at CWTP, BCD and DC-05. Completed Erosion Sediment Control (ESC) by taking pictures at all bridge crossings.	Caribou Monitoring

		<p>Randall calibrated both YSI'S units and watched him learn how to do it.</p> <p>Review E-mails and put them into folders.</p>	
April 14	<p>7°C high to 0° low 11 km/h winds S/SW Gusts up to 35 km/h</p>	<p>Completed DWQ samples at BCD and DC-05. Also collected TSS Samples.</p> <p>Randall and I finished Levellogger downloads for DC-05.</p> <p>Bottled up Plant Site Snow Water 1-4</p>	<p>Caribou Monitoring</p> <p>Seen one rabbit.</p>
April 15	<p>6°C high to -3° low 7 km/h winds W/NW Gusts up to 25 km/h</p>	<p>Completed DWQ samples at BCD and DC-05. Also collected TSS Samples. The road was too muddy to collect VD-668 sample.</p> <p>Independent Enviromental Monitor (IEM) site tour with Matthew Van Osch, Jimmy Vickers Saik'uz) and Steven Hayward Enviromental Superintendent. We went to Air Monitor Station, Central Water Transfer Pond (CWTP), Creek 146 (ditch run-off), Plant Site Infrastructure Lay down, Exploration Camp, Northern Diversion Ditch, Mobile Maintenance, Mine Service Access (MSA) and Andrew's Hill.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p>	<p>Caribou Monitoring</p>
April 16	<p>7.3°C high to -5.9° low 2 km/h winds NE Gusts up to 7 km/h</p>	<p>Trent Rowsell Manger-People & Development and Erica Hitzroth Superintendent- HR provided a slide show about Respectful Workplace Policy Employee Training Session.</p>	<p>Caribou Monitoring</p>

		<p>Triton crew arrived on site to complete electro fishing with Quain Sulin.</p> <p>Continuing with IEM site tour. The first place we stopped at was Creek 146 to look at the ditch they completed over night to divert the run-off water away from the creek. Then we went to Water Management Pond (WMP), Reclaim Line Barge, Tailings Storage Facility (TSF) Potential Acid Generating (PAG) Dump, Interim Environmental Control Dam (IECD), bridge at 9.5 km C-Trail.</p> <p>Then on the way back we stopped at creek 668 to view the ditch line as the sump was flowing into the ditch line and creek. Marco and Adam went to set up a pump to divert the runoff water.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p>	
April 17	<p>13.2°C high to -5.5° low 5 km/h winds WN Gusts up to 14 km/h</p>	<p>Completed DWQ samples at BCD and DC-05. I obtained TSS Samples.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p> <p>Fuel up Truck # 52.</p> <p>Complete NTU reading at Creek #146 including upstream and downstream photos. Pick up bottled water from OP'S Camp. Put coolers with bottle sets and ice packs away.</p>	<p>Caribou Monitoring</p> <p>Seen two male spruce grouse and one hen.</p>
April 18	<p>10°C high to -0.4° low 18 km/h winds W Gusts up to 57 km/h</p>	<p>Adam and I went to DC-05 to collect a sample, downstream and upstream photos.</p>	<p>Caribou Monitoring</p>

		<p>We went to Topsoil (TP6) stockpile for an inspection and to seed the piles.</p> <p>Sorted cable drawer.</p> <p>Wrote on the CC-40, DC-05, CC-15, and DC-20 bottles. Each location required 5 sets.</p> <p>Fuel up Truck #40.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p>	
April 19	<p>3.4°C high to -2.3° low 11 km/h winds W Gusts up to 39 km/h</p>	<p>Transfer Daily Water (DWQ) and effluent photos into folders.</p> <p>Went to complete DWQ with Quain at DC-05 and BCD.</p> <p>Completed Barologger downloads at DC-05.</p> <p>Completed Levelogger at CC-15.</p> <p>Completed Site Inspection at Mobile Maintenance, Plant Site and Fuel Station.</p>	Caribou Monitoring
April 20	<p>4°C high to -2.9° low 8 km/h winds WNW Gusts up to 22 km/h</p>	<p>Went to complete DWQ with Quain at DC-05 and BCD. Flow measurements at DC-05.</p> <p>Wrote on the 661-04 and 661-05 bottles. Each location had 5 sets.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p>	Caribou Monitoring
April 21	<p>6.1°C high to -2.6° low 9 km/h winds WNW Gusts up to 30 km/h 2.8 Precipitation of snow</p>	<p>Completed BCD DWQ sample.</p> <p>Wrote on 661-10, 705-10 and FC-01 bottles. Each location had 5 sets.</p> <p>Review E-mails and put them into folders.</p>	<p>Caribou Monitoring</p> <p>Big Grizzly on C-Trail.</p>

		<p>I'm preparing my report.</p> <p>Organize and clean shelves in the Lab.</p> <p>Quain, Steven and I visited the Northern Diversion Collection and South Diversion Collection to take NTU readings and prevent the water from flowing with sandbags.</p>	
April 22	<p>7.5°C high to -4.1° low 12 km/h winds WNW Gusts up to 34km/h</p>	<p>Completed DWQ samples at BCD, DC-05 and MC-15. The TSS Sample was also collected at DC-05.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p>	Caribou Monitoring
April 23	<p>10.4°C high to -2.1° low 9 km/h winds WSW Gusts up to 14 km/h</p>	<p>Completed DWQ samples at NDC-O, BCD and MC-15.</p> <p>Transfer Daily Water (DWQ) photos into folders.</p> <p>Steven and I assisted the crew at Northern Diversion Channel Out Flow.</p>	Caribou Monitoring

General Activities:

- Attend daily tailgate meetings at 6:15 to go over the daily toolbox and plan tasks for the day.
- Participate in monthly tours with Independent Environmental Monitor (IEM), First Nations representative and Superintendent Steven Hayward to monitor for non-compliance.
- Prepare bottles for monthly surface water samples.
- Keep Lab area clean and disinfected.
- Complete all training programs online.
- Unpack freight and put it away in the right place.
- Keep the trucks clean.
- Weekly site inspection tours to monitor for non-compliance.

Environmental Monitoring activities:

- Complete DWQ, SWS and Effluent samples.
- Complete weekly site monitoring to evaluate the effectiveness of erosion and sediment controls and drainage control.
- Downloads from the Barologger and Levellogger.
- Watch the freshet runoffs to ensure they are not flowing into the creeks.

- ESC measures (swales, sumps, splash guards) were installed and working along the access road to C-trail bridges.

Water Management:

- The goal of BWG's discharge management system is to release diverted and site water to the receiving environment in a manner that minimizes the potential for adverse effects to downstream receptors (flow and water quality), while contributing to the objective of maintaining site water balance requirements.

Waste Management:

- Please ensure non-used spill trays are regularly being stored under cover or flipped upside down to ensure there is no buildup of snow or water within them. Spill trays must be regularly emptied/cleaned and disposed of in appropriate hazardous waste bins Contaminated Soil/Snow, Hydrocarbon.

Spills and Incidents:

- All light vehicles must be equipped with spill kits to provide preliminary response to a spill. It is the vehicle operator's responsibility to ensure that spill kits are stocked and are in good condition.

Fuel Management:

- Fueling procedure: All operators will remain with the fuel nozzle while refueling. After refueling, the hose and nozzle will be stored in a secure holster to prevent unnecessary spills. Always use a spill tray and ensure your equipment has the appropriate spill kit on hand.

Wildlife Management:

- Pre-construction breeding bird surveys must be completed prior to construction work commencing between April 15 and August 31.
- Foxes have been seen around the site. These animals are curious and may seem friendly, be cautious as they may have a disease. **Do not feed wildlife.** It is our duty to ensure that animals do not associate our presence with food. The solution is to improve housekeeping and waste management!
- Monitor and temporarily stop work when caribou observed.

Social, Cultural, Archaeological or Spiritual:

- The following measures will be completed when Project activities are located within 0 to 50 m of a known site: The project archaeologist will flag or delineate an area of at least 30 m around the site and mark as a "**No Work Zone**" from the site boundary to align with Archaeology Branch's Remote Access to Archaeological Data areas of high archaeological potential.

Photos:



Photo 1: Messenger Tree



Photo 2: Well Water Sampling



Photo 3: Air Monitoring Station

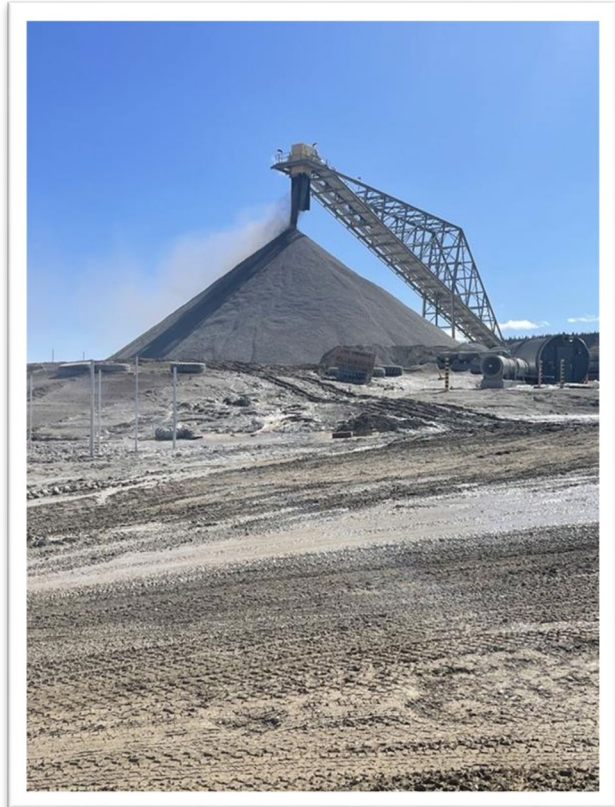


Photo 4: High Grade Ore Plant Stockpile



Photo 5: Central Water Transfer Pond



Photo 6: Central Water Transfer Pond



Photo 7: Central Water Transfer Pond



Photo 8: Central Water Transfer Pond



Photo 9: CWTP Overflow with North/South Collection Channel diversion pumps into TSF



Photo 10: Central Water Transfer Pond Overflow



Photo 11: Trench to Divert Runoff



Photo 12: Trench to Divert Runoff



Photo 13: Low Grade Ore Pond Textured Lining



Photo 14: Low Grade Ore Pond Textured Lining



Photo 15: Water Management Pond



Photo 16: Water Management Pond



Photo 17: TSF Reclaim Barge Intake



Photo 18: TSF Reclaim Barge Intake



Photo 19: Interim Environmental Control Dam



Photo 20: Interim Environmental Control Dam



Photo 21: Interim Environmental Control Dam Emergency Flow Spillway



Photo 22: Old Davidson Creek Diversion System Impact Spillway Near Creek 668



Photo 23: Male Spruce Grouse



Photo 24: Male Spruce Grouse



Photo 25: DC-05 Up Stream



Photo 26: DC-05 Down Stream



Photo 27: Ice-off at DC-05 Up Stream



Photo 28: Ice-off at DC-05 Down Stream



Photo 29: High Grade Ore Stockpile



Photo 30: Pump Sea Cans Being Staged at Central Water Transfer Pond



Photo 31: Grizzly on C-Trail

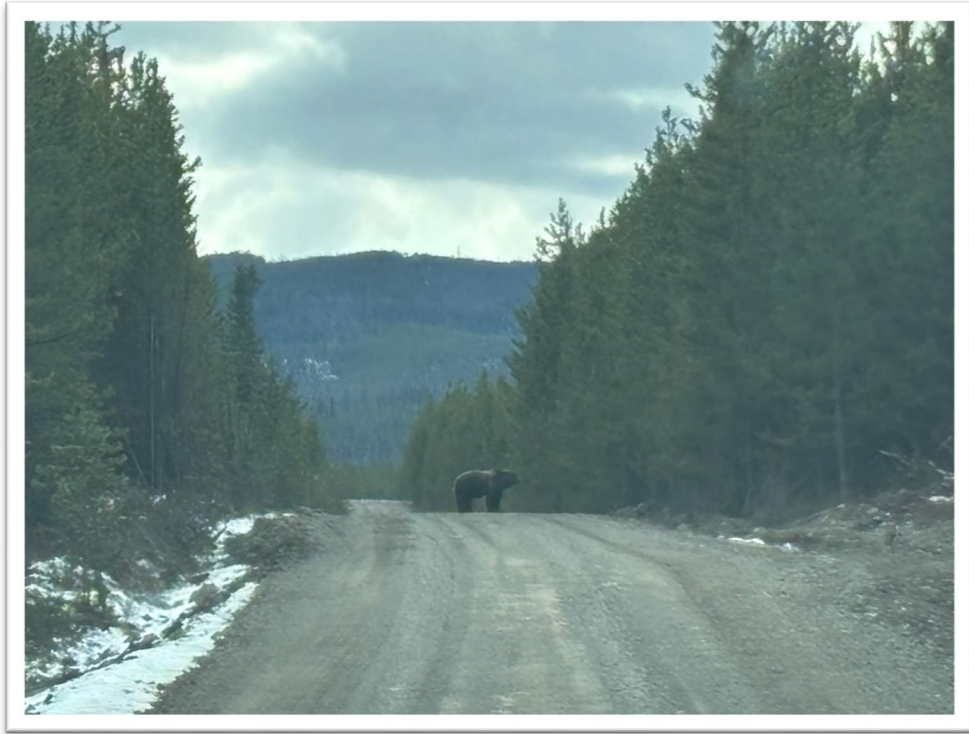


Photo 32: Grizzly on C-Trail



Photo 33: Northern Diversion Channel



Photo 34: Installing Coco matting and Seeds



Photo 35: Blast at the Pit



Photo 36: Installing Sump at Northern Diversion Channel



Photo 37: Borrow Pit 2



Photo 38: Borrow Pit 2

Date: May 9, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, May 9-22-2025

Daily Activities

Date	Weather	Activity	Comment/follow up
May 8, 2025	9° high to 0° low 9 km/h winds W Gusts up to 31 km/h	Dust off desk & Lab area. Review E-mails. Clean Truck #40. Transfer Daily Water Quality (DWQ) photos into file folders. Review Management Plans. Work on my report daily to keep it updated. Update DWQ trackers daily.	First day back on site
May 9	8° high to -1° low 6 km/h winds W Gusts up to 12 km/h	Review E-mails. Clean truck # 52 & # 57. Monitor Black Bear @ km 13.	Caribou Monitoring Seen one Black Bear
May 10	8° high to -2° low 3 km/h winds E	Ethan & LS went to DC-05 to complete a benchmark survey. Complete Daily Water Quality (DWQ) samples at North. Diversion Channel (NCD),	Caribou Monitoring Seen one rabbit

		<p>Creek 668 and NDC+50, MC-15 and BCD.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p>	
May 11	<p>8° high to 2° low 7 km/h winds NE Gusts up to 20 km/h</p>	Sick Day	
May 12	<p>14° high to 2° low 8 km/h winds NW Gusts up to 24 km/h</p>	<p>Transfer Surface Water Sample (SWS) photos into folders.</p> <p>Team Meeting on Zoom with UFN staff.</p> <p>Independent Environmental Monitor (IEM) tour with Leslie Chamberlist, Environmental Dynamics Inc. (EDI), Stelat'n First Nation, Taneesha Raymond and Steven Hayward Environmental Superintendent. We went to Pit, Central Water Transfer Pond (CWTP), Tailings Discharge, Northern Diversion Channel (NDC), Burrow Pit #2, C-Trail km 9.5 to check out Erosion Sediment Control (ESC) at Creek 636 by the bridge, Water Management Pond (WMP) Pump House and WMP clarifiers.</p> <p>Wrote time & date on bottle sets.</p>	Caribou Monitoring
May 13	<p>13° high to 2° low 12 km/h winds W Gusts up to 39 km/h</p>	<p>Transfer Surface Water Samples (SWS) photos into folders.</p> <p>Continuing with IEM site tour. We went to Creek 146, Plant</p>	Caribou Monitoring

		<p>site. They are using IPAC dust suppressant. They put it in at the top. Set up multiply spray bars and spray fresh water onto the belt which helps with moisture to keep dust down. Then we went to plant sediment control pond construction camp.</p> <p>Finish entering Surface Water Samples (SWS) photos into folders.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Wrote time & date on bottle sets.</p>	
May 14	<p>9° high to 2° low 11 km/h winds W/NW Gusts up to 32 km/h</p>	<p>Quain and I completed Surface Water Sample (SWS) at DC-05, DC-20 and CC-10.</p> <p>Quain and I parked at the core hut, then we went pass the HEAP to collect a SWS sample at 661-01 creek.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Transfer Surface Water Sample (SWS) photos into folders.</p>	<p>Caribou Monitoring</p> <p>Seen one rabbit</p>
May 15	<p>11° high to 0° low 3 km/h winds SE Gusts up to 15 km/h</p>	<p>Wrote time & date on bottle sets.</p> <p>Quain, Maggie and I completed site inspections at Heavy Equipment Assembly</p>	<p>Caribou Monitoring</p>

		<p>Pad (HEAP), Construction Camp, Infrastructure Shop, Operation Camp (OPS), Mobile Maintenance, Earthworks Dewatering Laydown, Forage FTE Drilling and Truck Fuel Bay.</p> <p>I completed the inspection form for Mobile Maintenance, Andrew's Hill and Construction Camp from my inspection tour on Saturday May 10th.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p>	
May 16	<p>12° high to 4° low 4 km/h winds SE Gusts up to 12 km/h</p>	<p>I finished DWQ samples at CWTP, Picture of Flow Meter, NDC, 668, BCD and Creek 146.</p> <p>I also completed NTU readings at MC-15 and CWTP. I also took photos of the water level.</p> <p>Steven, Adam & I installed Clearflow Gel Block Flocculant 398 at Mine Creek.</p> <p>I went to CWTP & South Collection Channel to take another NTU.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p>	<p>Caribou Monitoring</p> <p>Tritan Crew seen a grizzly at 12.5 on Davidson Road</p>
May 17	<p>7° high to 4° low 3 km/h winds W/SW</p>	<p>Maggie & I completed DWQ at MC-15, South-C-C x3,</p>	<p>Caribou Monitoring</p>

		<p>BCD, NDC, Ck 668, Ck 146 and DC-05.</p> <p>We also downloaded Baro & Levelloggers.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Prepare SWS bottle sets.</p> <p>Clean up Lab area.</p>	<p>Big Black Bear</p> <p>Small Moose</p>
May 18	<p>10° high to 1° low 10 km/h winds W Gusts up to 35 km/h</p>	<p>Put supplies away and clean the Lab.</p> <p>Tate, Maggie and I completed DWQ samples MC-15, Ck 146, South-C-C, CWTP, BCD, NDC and Ck 668.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Delivered sandbags to Tritan crew near the ranch. I stayed for a bit and learned about fish sampling and AEMP.</p>	<p>Caribou Monitoring</p> <p>Fox</p> <p>Black Bear</p>
May 19	<p>11° high to 1° low 10 km/h winds S/SE Gusts up to 27 km/h</p>	<p>Organized coolers in the Lab.</p> <p>Adam & I completed SWS 705-10, 705-10-Dup and FC-01.</p> <p>Wrote time & date on bottle sets.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Transfer Surface Water Samples (SWS) photos into folders.</p>	<p>Caribou Monitoring</p>

		<p>Went to Operation Camp to view Western Toads. We set up delineators to protect their spawning grounds.</p> <p>Walked the road on C-Trail off shot to check for Western Toads.</p>	
May 20	<p>10° high to 0° low 9 km/h winds W Gusts up to 29 km/h</p>	<p>Participating in the Wilderness Survival Course. We had to make a fire in extremely windy conditions and see who could boil water first. We had to construct a shelter to be able to keep dry and warm. We then completed a burrito using a herring bone stitch to help a person with hypothermic.</p> <p>I completed DWQ samples at MC-15, Creek 146, CWTP, BCD and South-C-C.</p> <p>Ethan and I calibrated both YSIs.</p> <p>Put away incoming supplies.</p>	Caribou Monitoring
May 21	<p>10° high to 1° low 7 km/h winds W/SW Gusts up to 25 km/h</p>	<p>I completed DWQ samples at MC-15, Creek 146, CWTP, BCD and South-C-C, NDC and Creek 668.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Fueled up Truck 40 and make sure trucks are clean for the cross shift.</p>	Caribou Monitoring
May 22			End of shift

General Activities:

- Attend Daily toolbox meetings at 6:15 to examine the toolbox topic of the day and plan our daily tasks.
- Keep up with the freshet WQ monitoring, ESC installation and increase participation during this set.
- Watch for non-compliance and inform supervisors to resolve the issue.
- Keep the Lab clean and sanitary.
- Complete Surface water bottle sets and write the time and date on bottle sets.
- Participate in Monthly tours with Independent Environmental Monitor (IEM), First Nations representative and Superintendent Steven Hayward to monitor for non-compliance.
- Unpack freight and put it away in the proper place.
- Keep vehicles clean and Fuel up when necessary.
- Weekly site inspection tours to observe for non-compliance.
- Participate in Wilderness Survival course.

Environmental Monitoring activities:

- Many different types of plants and weeds are invasive and can be easily transported by soil. If new equipment has arrived on the site, a thorough inspection of any tires, tracks, or under carriage can prevent the spread of these invasive species.
- Erosion and sediment control work was completed on freshwater management structures and potentially impacting freshwater streams.
- Complete daily water quality and surface water samples as required.
- Downloads from the Baro logger and level logger for Davidson Creek flow monitoring

Water Management:

- After rain and during melting events, observe slopes with exposed soils for signs of erosion. This can reduce bank stability and may have caused sediment migration into undue areas of the mine, most notably water courses and clean water collection channels.
- North Diversion Channel-Creek 668 tie in area had topsoil spread over bare soil in completed earthworks areas construction material piles near channel moved and slopes reduced, erosion control blankets installed on upslope side of NDC, hand seeding and hydroseeding done on bare soils and crowning of roads swales and ditches put in place to direct water.
- Creek 146 ditch work and cut outs to reduce water volume in ditch approaching creek. Straw wattles and spring berms installed in ditch line.
- The Creek 668 C-Trail 11.5-kilometer bridge crossing had sumps cleaned out and monitored by vacuum trucks or pumped to vegetated areas. Swales installed along C-trail to divert water into sumps and vegetated, flat areas to reduce ditch water volume.
- Central Water Transfer Pond-Access Road 13 km bridge crossing sumps installed at end of ditch lines monitored and moved by vacuum trucks, when

necessary, erosion control blankets installed on bare soils, and additional straw wattles and spring berms installed at toe of slopes.

Waste Management:

- Proper disposal of waste into appropriate bins.
- Do not leave food waste outside in the truck box or thrown into ditches or holes.
- Cigarette butts and disposal of them and tobacco products into suitable ash trays provided (Smoking is a privilege on site).
- Disposal for used batteries in designated battery waste bins/boxes.

Spills and Incidents:

- Clean up and prevent any spills on the site.
- Report any spills on site.

Fuel Management:

- Follow fueling up procedures.

Wildlife Management:

- Reporting sightings of animals on the mine site.
- If you observe what you believe may be sick, injured, or orphaned wildlife, do not remove it from its natural environment. The bird or animal may not need assistance, and you could actually do more harm in your attempt to assist.

Social, Cultural, Archaeological or Spiritual:

- Respect Ulkatcho Traditional Territory. Please dispose of waste and cigarette butts in the appropriate receptacle.

Photos:

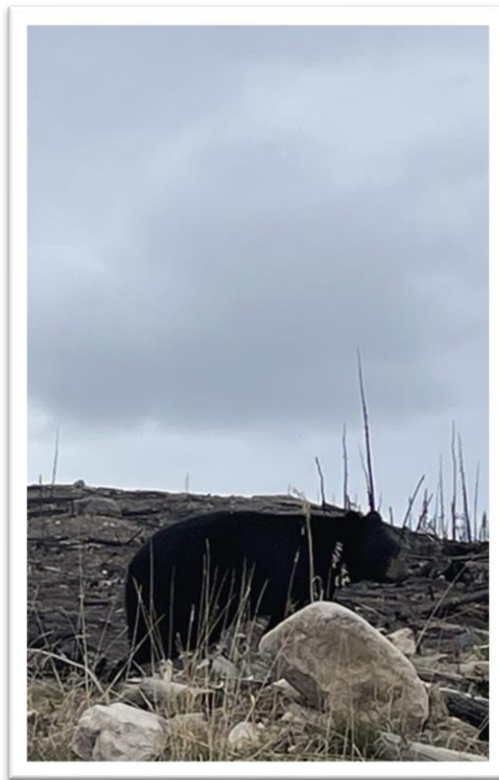


Photo 1 & 2: Black Bear Km 13



Photo 3 & 4: Mount Davidson Ore Body

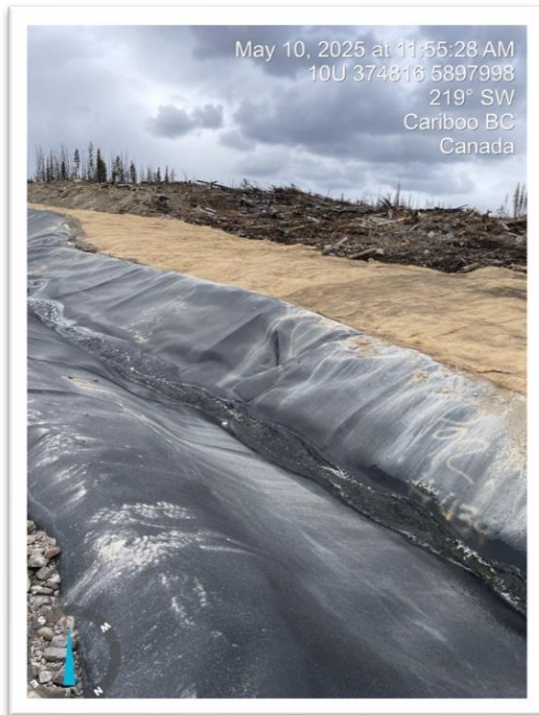


Photo 5 & 6: Northern Diversion Channel Seeding & Coco-Matting



Photo 7 & 8: Excavator in the Pit



Photo 9 & 10: The Pit



Photo 11 & 12: The Pit

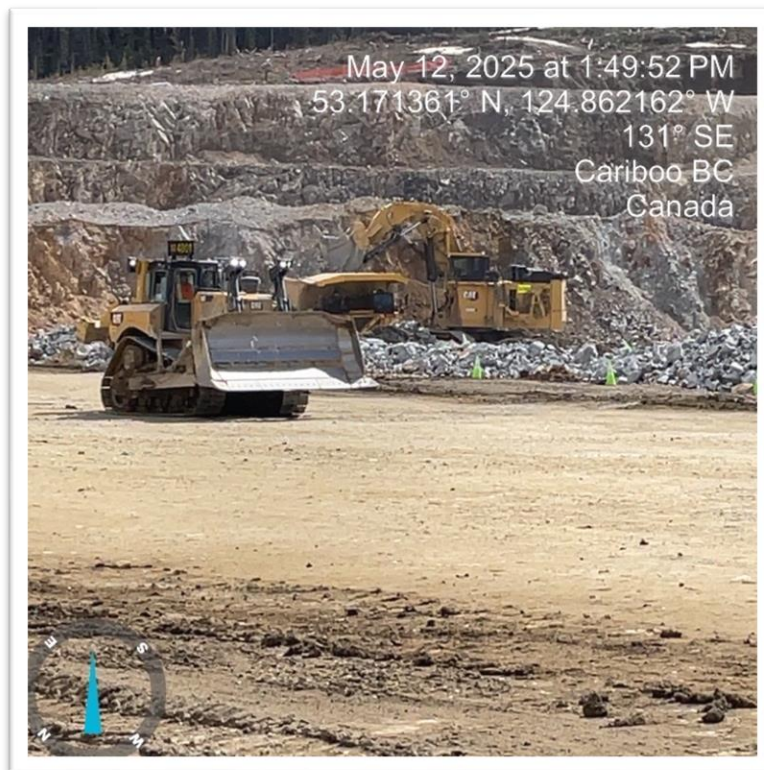


Photo 13 & 14: The Pit



Photo 15 & 16: Permanent Electrical Pump Pad Central Water Transfer Pond



Photo 17: Clearing Tailings Storage Facility East Expansion

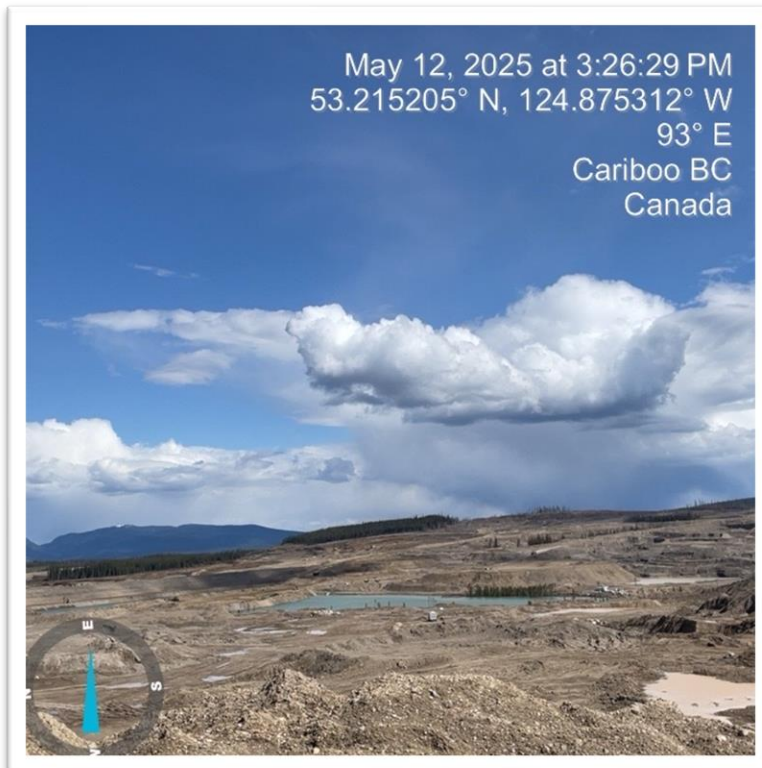
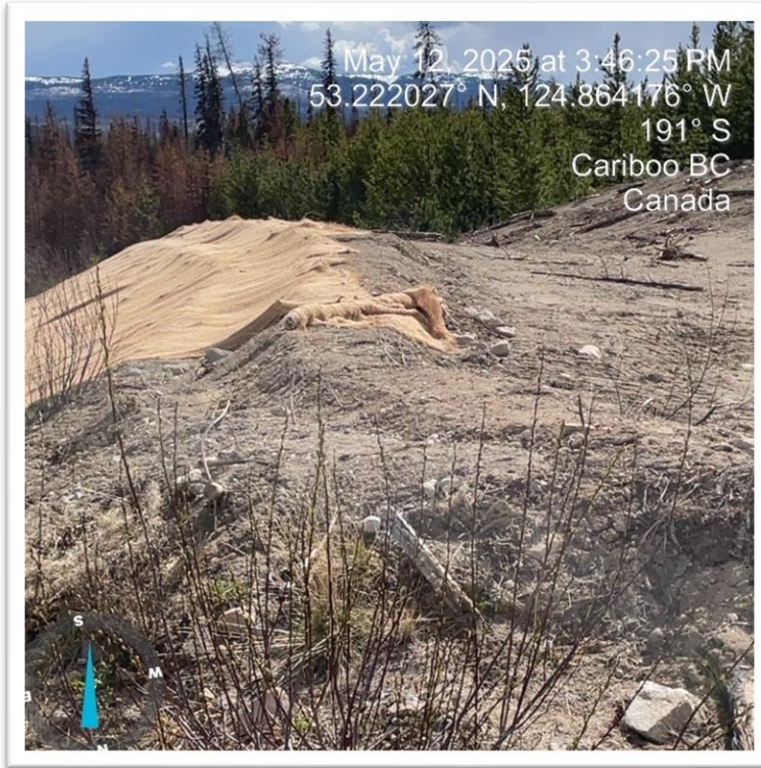
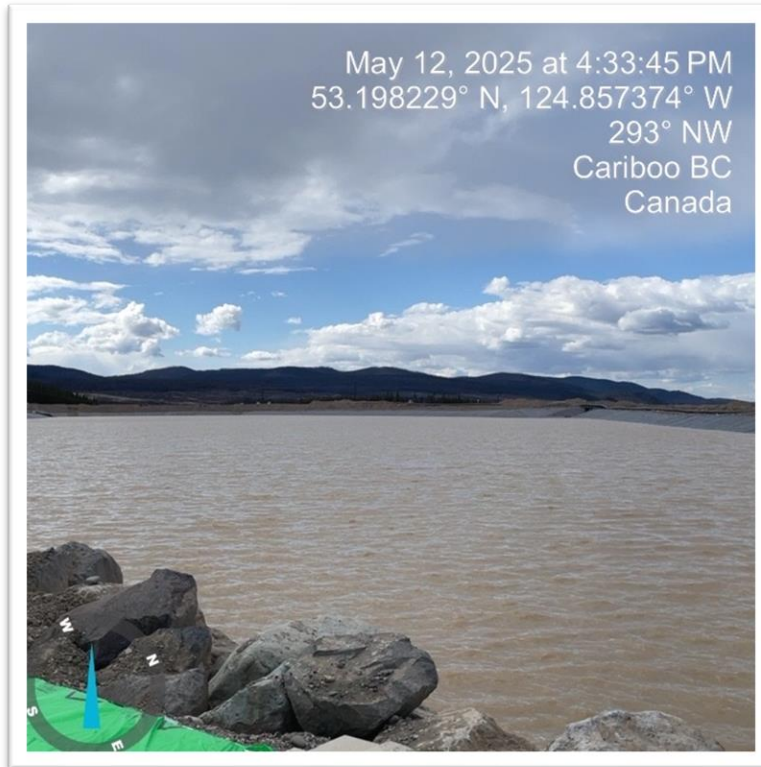


Photo 18: Tailings Storage Facility



Photos 19 & 20: C-Trail Km 9.5 Coco-Matting & Seeding



Photos 21 & 22: Water Management Pond



Photo 22 & 23: Water Management Pond Clarifiers



Photos 24 & 25: Interim Environmental Control Dam and pump back to TSF



Photo 26: Plant Site IPAC Dust Suppressant and Water Spray Bar



Photo 27: Plant Site Sediment Control Pond



Photo 28: One Small Section Left of Exploration Camp



Photo 29: Extending Run of Mine (ROM) Pad

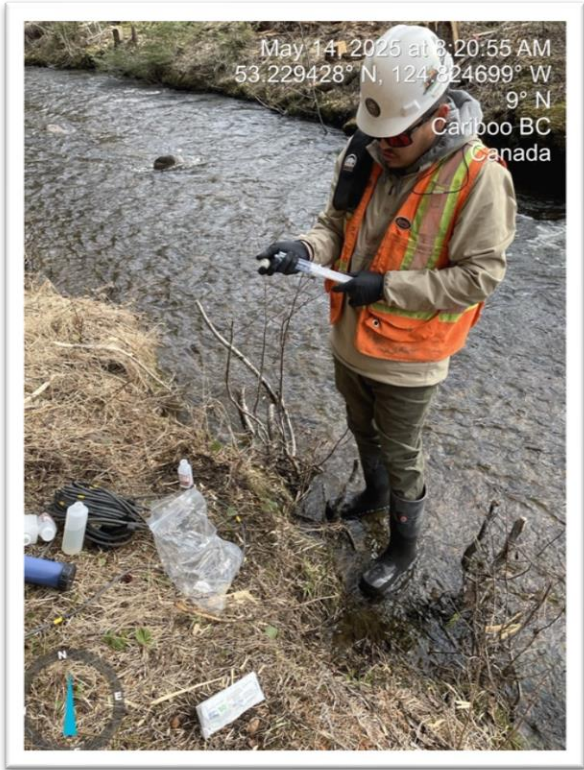


Photo 30 & 31: Surface Water Sampling Davidson Creek (DC-05)



Photo 32 & 33: Tritan Fish Trap Boxes Davidson Creek



Photo 34: Tritan Crew Flow Meter Measurement

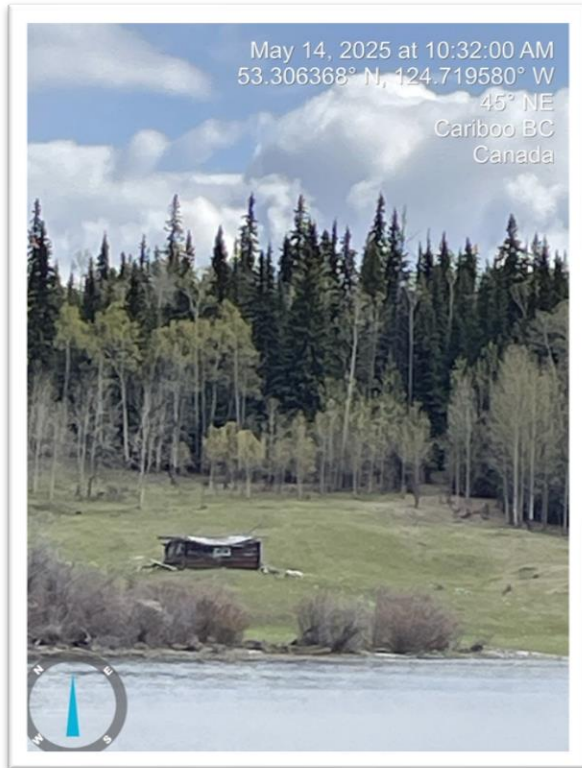


Photo 35: Lhooskuz First Nation Reserve Tatelkuz Lake

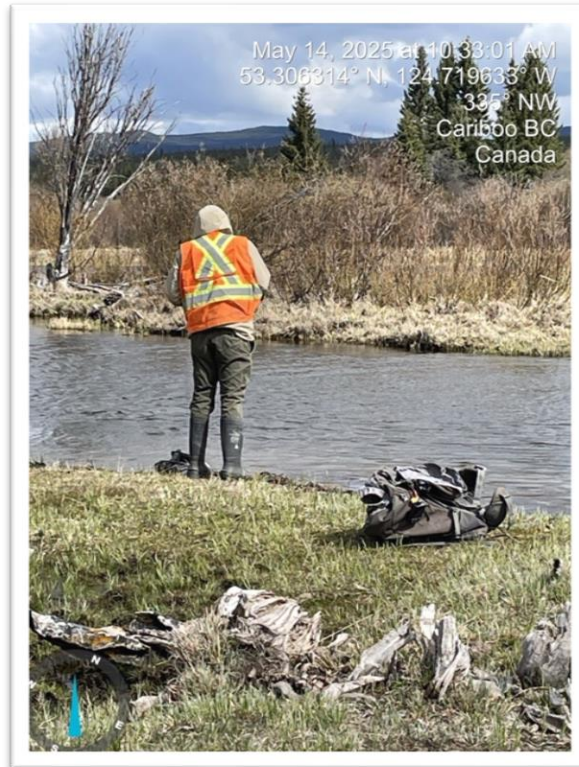


Photo 36: Surface Water Sampling Chedakuz Creek (CC-10)



Photo 37: Blast at the Pit

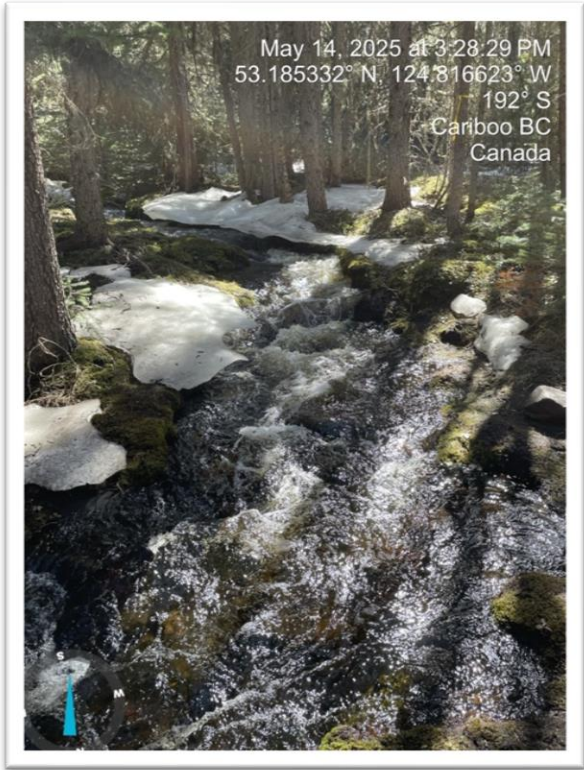
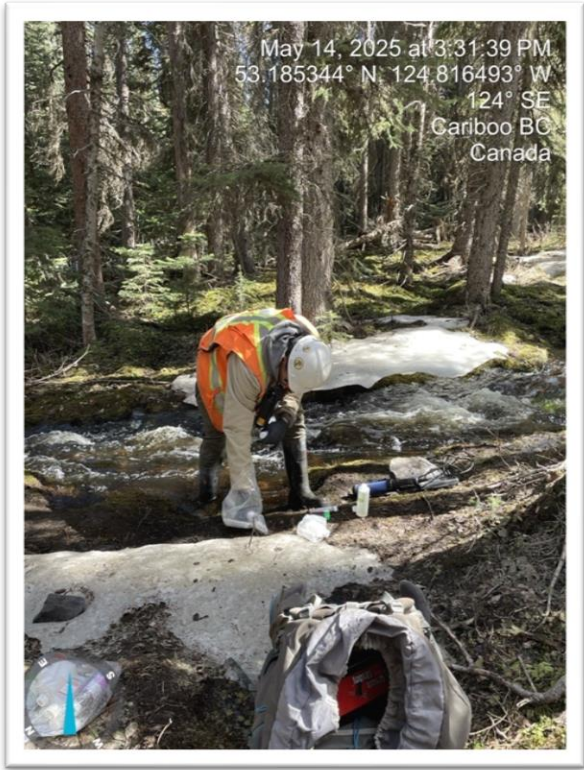


Photo 38 & 39: Surface Water Sample at Creek 661-01



Photo 40: Installing Flocculant Blocks at Mine Creek

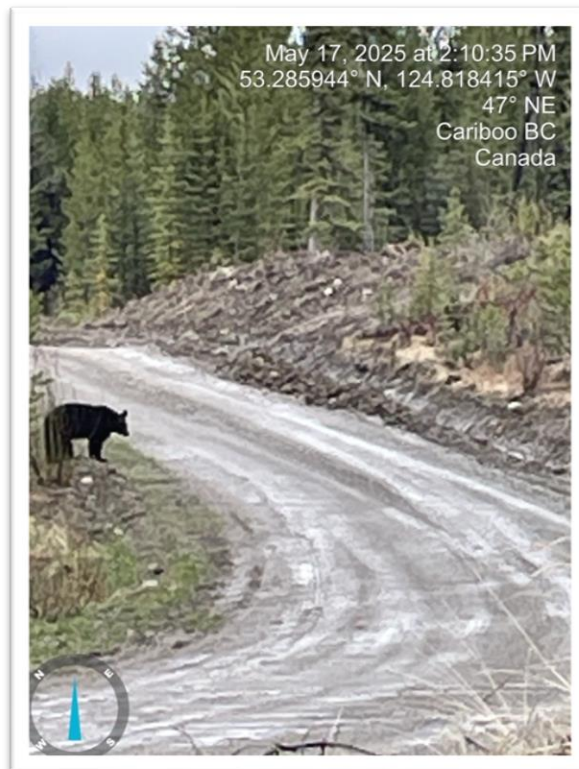


Photo 41: Big Black Bear Davidson



Photos 42 & 43 & 44: Grizzly Bear at 12.5 Davidson Road



Photo 45: Tailings Storage Facility



Photo 46: Fox



Photo 47 & 48: Rainbow Trout



Photo 49: Removing Rainbow Trout from the Trap



Photo 50: Measuring Rainbow Trout



Photo 51: Weighing Rainbow Trout



Photo 52: Measuring Rainbow Trout



Photo 53: Western Toad with Egg Mass



Photo 54: Western Toad Matting & Laying Eggs

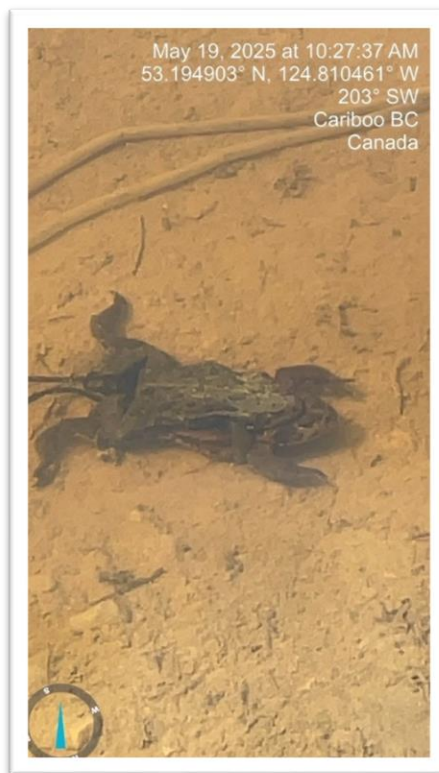
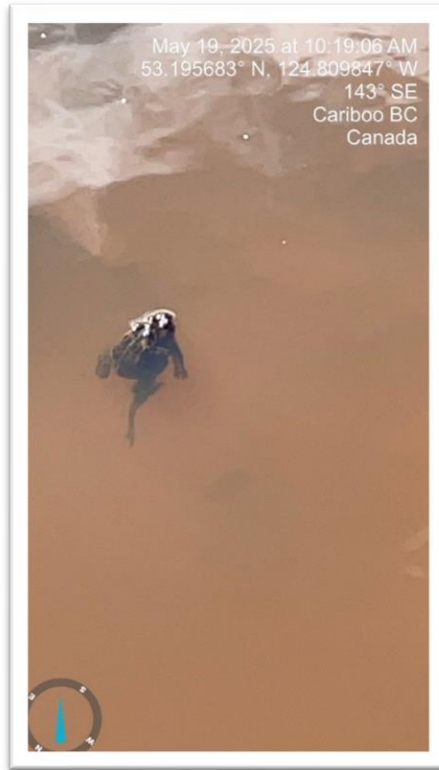


Photo 55 & 56: Western Toad Matting & Laying Egg Mass



Photo 57: Evan's Shelter



Photo 58: Adams Shelter

Date: June 8, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, June 3-19-2025

Daily Activities

Date	Weather	Activity	Comment/follow up
June 3, 2025	16°C high to 7°C low 5 km/h winds from the W Gusts up to 18 km/h	<p>Dust off desk & Lab area.</p> <p>Mark, Brittani and I went to Water Management Pond Discharge (WMP) to collect a sample.</p> <p>Brittani and I went to DC-05 to complete YSI reading and to grab a TSS bottle.</p> <p>Mark, Brittani and I went on a bus tour with Nechako First Nation (NFN). The 17 participants included Tyler Mitchell, Saik'uz First Nation Representative, Source, and Lhooskuz.</p> <ul style="list-style-type: none"> • We went to the Low-grade ore (LGO) area. • Then up to u dorm to check out the view of the pit. • Then to the tailings dam from the C-Trail. 	First day back on site.
June 4	17.5°C high to 8°C low 8 km/h winds from the W Gusts up to 25 km/h	<p>Brittani and I went to MC-15, Creek 146, CWTP, and BCD.</p> <p>Review E-mails.</p>	<p>Caribou Monitoring.</p> <p>Brown Bear</p>

June 5	17°C high to 7°C low Gusts up to 35 km/h W	<p>Brittani, Chris and I went to DC-05 to complete a water sample.</p> <p>I completed Daily Water Quality (DWQ) at BCD, NDC, Creek 668, MC-15, Creek 146, and CWTP.</p> <p>I participated in safety check in procedure by having field crews check in with me in the morning.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Transfer Surface Water Sample (SWS) photos into folders.</p> <p>Drive Maggie to Turtle Creek to join the Triton crew and bring Matt back to the office.</p> <p>Drove Ethan, Marco and Adam from Mobile to Operation Camp.</p> <p>Pick up water for the office.</p> <p>Review E-mails and sort them into folders.</p>	Caribou Monitoring.
June 6	16.3°C high to -0.8°C low 14 km/h winds from the W Gusts up to 42 km/h	<p>I completed Daily Water Quality (DWQ) at BCD, NDC, Creek 668, MC-15, Creek 146, and CWTP.</p> <p>Ethan and I traveled to DC-05 for a DWQ sample. We then proceeded to 661-05, to complete a surface water sample (SWS). We also conducted an erosion,</p>	Caribou Monitoring.

		<p>sediment control inspection at the DC-05 drop structure and 661-05.</p> <p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Transfer Surface Water Sample (SWS) photos into folders.</p> <p>Adam and I went to Mobile Maintenance to investigate swallow nest sightings. We discovered 2 nests in the green hut. We closed the overhead door. Then open the 2-side doors. We then buffered an area around as a no-go zone.</p>	<p>We encircle the area as a no-go zone.</p>
June 7	<p>20.6°C high to 5.4°C low 3 km/h winds from the WN Gusts up to 15 km/h</p>	<p>I completed Daily Water Quality (DWQ) at BCD, NDC, Creek 668, MC-15, Creek 146, and CWTP.</p> <p>I also went to DC-05 to obtain YSI reading, staff gauge and TSS bottle.</p> <p>I downloaded Baro and Level logger data.</p> <p>I conducted weekly site inspections at the mobile maintenance, Forage Drilling FTE, and truck fuel bay. I then completed the reports and inserted them into the shared folder.</p>	<p>Caribou Monitoring.</p>
June 8	<p>22.8°C high to 8.1°C low 18 km/h winds from the W Gusts up to 47 km/h</p>	<p>I completed Daily Water Quality (DWQ) at BCD, NDC, Creek 668, MC-15, Creek 146, and CWTP.</p>	<p>Caribou Monitoring.</p>

		<p>I also went to DC-05 to obtain YSI reading, staff gauge and TSS bottle.</p> <p>I downloaded Baro and Level logger data.</p> <p>I completed effluent bottles for IECD, IECD-C-S, WMP, TSFC-Pond including duplicates, Pit-Sump, and FB-WS.</p>	
June 9	<p>17.5°C high to 5.6°C low 5 km/h winds from the NW Gusts up to 23 km/h</p>	<p>Work on my report.</p> <p>Write date and time on effluent sets.</p> <p>Participated in Bi-weekly Internal Source/UFN/LDN zoom meeting.</p> <p>Update environmental monitoring report distribution list.</p>	<p>Caribou Monitoring.</p> <p>Wildfire smoke from north side of Nechako Reservoir approximately 130 km NW</p>
June 10	<p>18°C high to 3°C low 11 km/h winds from the S</p>	<p>Brent and I visited Capital Projects Laydown area to check for a ground nest of a dark-eyed Junco.</p> <p>We went to Moose Core Shack to investigate a barn swallow nest.</p> <p>Brent and I completed DWQ samples at Creek 146, MC-15, CWTP, Flow Meter, BCD, NDC, and Creek 668.</p> <p>We also visited Mobile Maintenance to check on the barn swallow's nest.</p>	<p>Caribou Monitoring.</p> <p>No Junco sightings, but they added material to their nest.</p> <p>The swallows were not present at the core shack.</p> <p>There was one active nest inside and one outside, above the entrance.</p>

		<p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Update all the trackers.</p> <p>Completed site inspection at the plant site.</p>	
June 11	<p>19.6°C high to 5.8°C low 7 km/h winds from the ENE Gusts up to 17 km/h</p>	<p>Cleaned up truck #40. I went to Mobile to pick up a new truck logbook.</p> <p>Cleaned up the Lab.</p> <p>Mark, Leslie, and I collaborated with the Environment Assessment team Kristie and Monika to complete an inspection of the mine site.</p> <ul style="list-style-type: none"> • We visited u dorm to meet with mine manager Adam Gyorffy to review the locations we will be looking at. • The first location we visited was to check out the partisol air quality station. • The second place we checked was the Operations Camp. • The third place was to visit the plant site to view the dust suppressant being used. • The fourth place was to visit the Construction Camp. • The fifth place was the Northern Diversion Channel. • Sixth place was the Tailings Storage Facility. • Seventh place was the Water Management Pond. 	<p>Caribou Monitoring.</p> <p>Dalchako water trucks from 0 km on access road, around both camps, and plant site watering for dust suppression.</p>

		<ul style="list-style-type: none"> • The eighth spot was deactivated on Davidson Road above the pit. • The ninth place was the Medic building. <p>We then went back to the u dorm office to have a closing out meeting with Adam.</p>	
June 12	14.5°C high to 9.6°C low 11 km/h winds from the W Gusts up to 32 km/h	<p>Transfer Daily Water Quality (DWQ) photos into file folders.</p> <p>Update all the trackers.</p> <p>Completed inspection report for both camps and the plant site.</p> <p>Work on my report.</p>	Caribou Monitoring.
June 13	14°C high to 4°C low 9 km/h winds from the W/NW Gusts up to 28 km/h	<p>I went with Tritan crew members Christian and Sydney to rainbow trout spawner sampling. They have trap boxes to monitor spawners going upstream and trout finished spawning going downstream.</p> <ul style="list-style-type: none"> • Visited DC-01 • Visited DC-08 • Visited 661 	<p>Caribou Monitoring.</p> <p>Brown bear and cub.</p>
June 14	14°C high to 2.9°C low 3 km/h winds from the E Gusts up to 9 km/h	<p>I completed Daily Water Quality (DWQ) at DC-05, BCD, and CWTP.</p> <p>Download Baro and Level logger Data.</p> <p>I went to OP's camp to grab 3 jugs of water for the office. I visited JDS and Plant Fuel Bay to complete a site inspection. Then I completed the site inspection reports.</p>	Caribou Monitoring.

June 15	14°C high to 5°C low 5 km/h winds from the E/NE Gusts up to 14 km/h	Marco and I went to creek 668-20 and H10-B to complete a flow measurement and survey. Ethan and I went to creek 661-05, DC-05, to complete a YSI reading. We also took a picture of the staff measures. On the way back we stopped at WMP-O-D to take a YSI reading. We also downloaded Baro and Level logger data.	Caribou Monitoring.
June 16	15.8°C high to 5.6°C low 6 km/h winds from the W Gusts up to 17 km/h	Update all the trackers. Work on my report Cleaned up the Lab.	Caribou Monitoring.
June 17	16.2°C high to 6.9°C low 12 km/h winds from the WSW Gusts up to 17 km/h	Marco, Tate and I went to switch out the Radello and partisol. Tate and I went to complete DWQ at DC-05, BCD, CWTP, Creek 146 and South-C-C. Download Baro and Level logger Data. Update all the trackers.	Caribou Monitoring.
June 18	13.6°C high to 5.8°C low 13 km/h winds from the W Gusts up to 34 km/h	Prepare for a shift change. Ensure all tasks are completed.	Caribou Monitoring.
June 19			Last day on site.

General Activities:

- Attend daily toolbox meetings at 6:15 am to examine the toolbox of the day and plan our daily tasks.
- Keep the Lab clean and sanitary.

- Participate in a monthly tour with Environmental Assessment Officers (EAO), Independent Environmental Monitor (IEM) and Manager Mark Warbanski.
- Keep vehicles clean and fuel when needed.
- Weekly site inspection visits to observe non-compliances and opportunities for improvement.
- Be sure to complete your Take 5 daily before you begin your tasks.

Environmental Monitoring activities:

- Downloads from the Baro logger and level logger for Davidson Creek flow monitoring.
- Complete flow measurement and survey.
- Monitor bird nests and wildlife features.
- Install Amphibian fencing with Poly to segregate from the parking area.
- Switch out pucks for the Radello and partisol.

Water Management:

- Update all trackers and transfer photos into folders.
- Complete daily water quality sampling.
- Complete surface water and effluent bottle sets.
- Complete hydrology and surveys.

Waste Management:

- Make sure the waste is in the appropriate bins and labeled correctly.
- Be sure that grease spills are cleaned, so it is not an attraction for wildlife.

Spills and Incidents:

- Report any spills on site.
- Clean up and prevent any spills on site.

Fuel Management:

- Follow the correct procedures when fueling the truck.
- Ensure that all required PPE is used.

Wildlife Management:

- There is a lot of bear activity, so be sure to carry bear spray and be aware of the surroundings.

Social, Cultural, Archaeological or Spiritual:

- We acknowledge that the blackwater mine is located on the ancestral lands of the Ulkatcho and Lhoosk'uz Dene Nations.

- We also acknowledge that other aspects of the mine and its infrastructure are located on the traditional territories of Nadleh Whut'en, Saik'uz, Stelat'en, and Nazko First Nations.
- We recognize the cultural and spiritual importance of the land to those Nations and commit to conducting ourselves in a manner that is respectful to the environment and the culture of the peoples who have been connected to it for thousands of years.

Photos:



Photo 1: Bear near Environment Office



Jun 6, 2025 at 9:32:20 AM
53.200388° N, 124.905782° W
260° W
Cariboo BC
Canada

Photo 2: Hydro Seeding on C-Trail



Photo 3: Globeflower



Photo 4: YSI reading at Davidson Creek

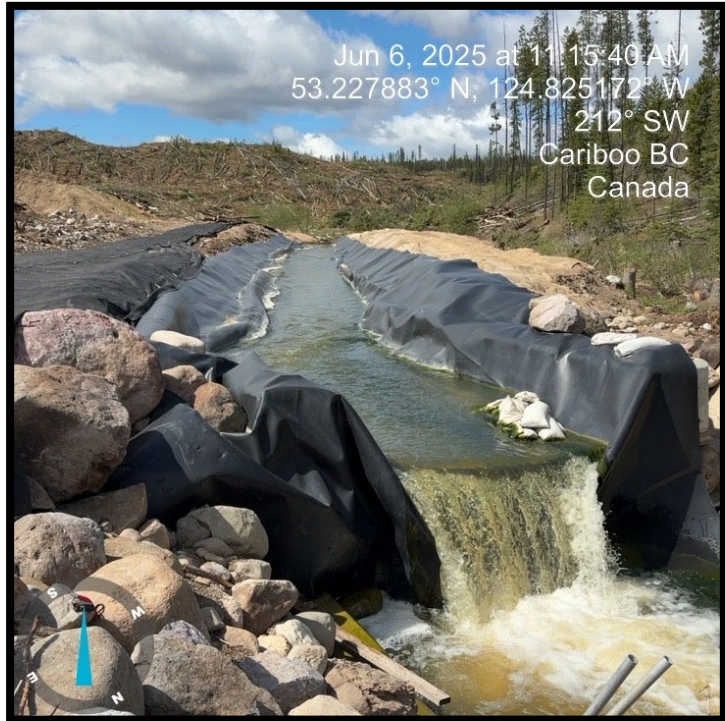


Photo 5: Davidson Creek Drop Structure



Photo 6: Surface Water Sample at Creek 661-05



Photo 7: Creek 661-05 Drop Structure



Photo 8: Blast near the Pit



Photo 9: Western Toad

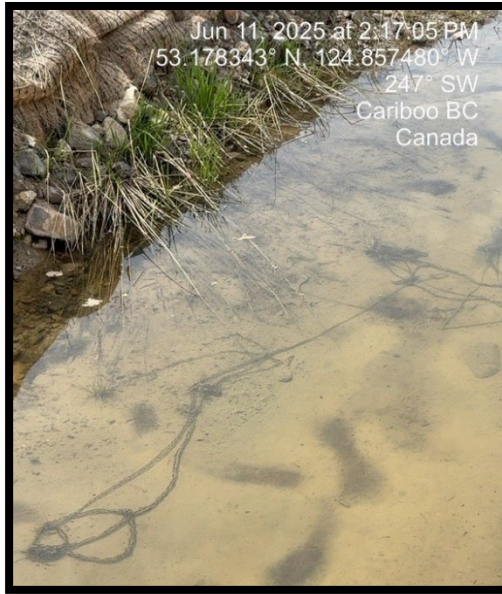


Photo 10: Western Toad Egg Mass



Photo 11 Partisol Air Quality Station



Photo 12: Purple Lady Slipper

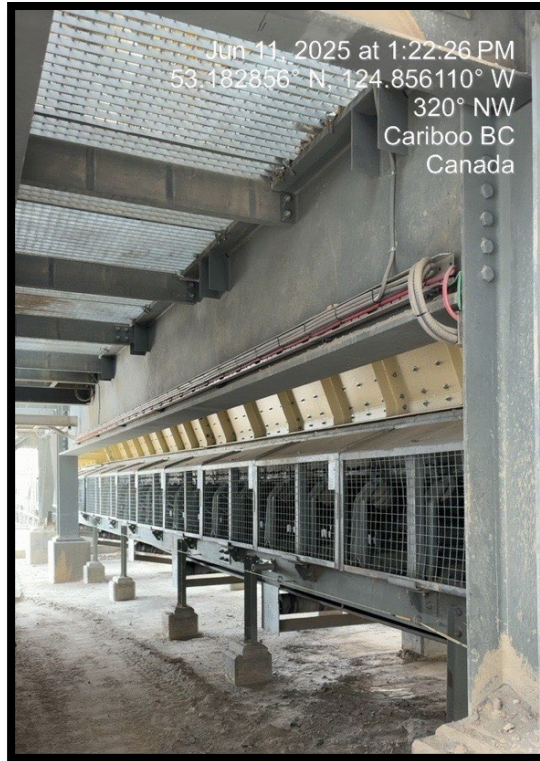


Photo 13: Secondary Feeder

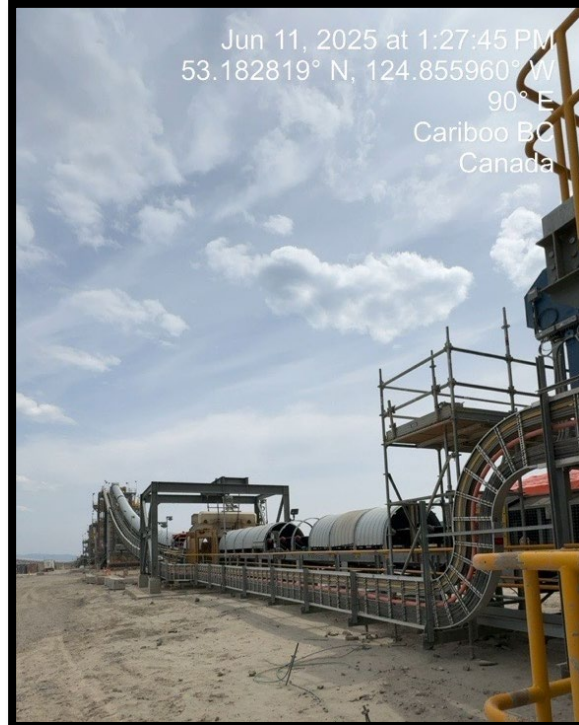


Photo 14: Plant Site Conveyor

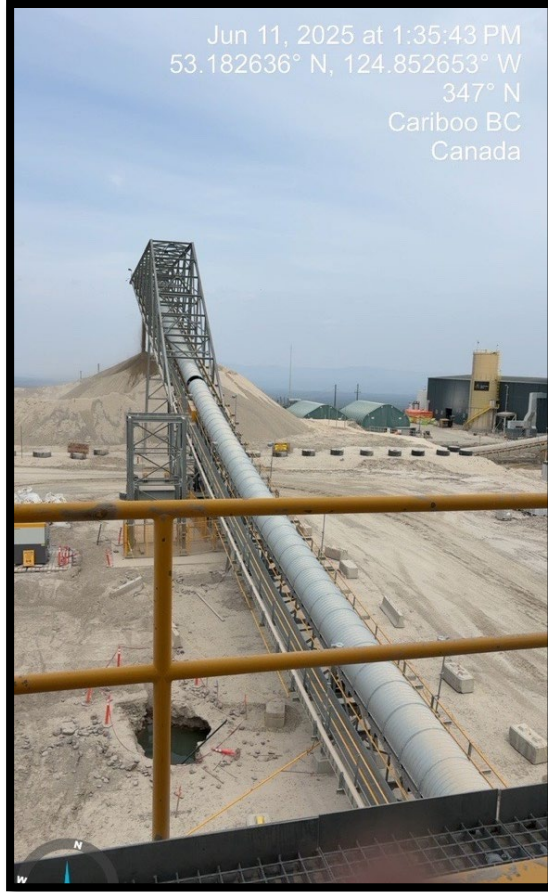


Photo 15: Plant Site Conveyor to Stockpile

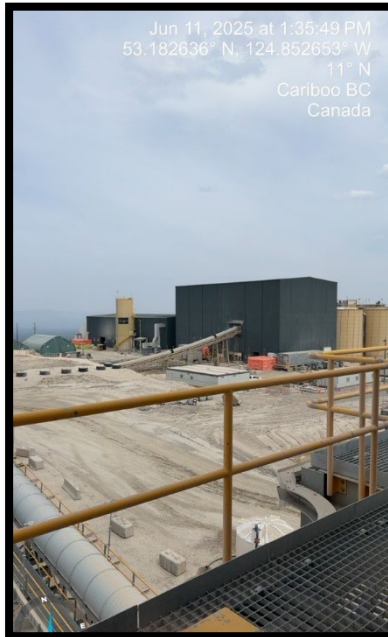


Photo 16: Plant Site Mill Building



Photo 17: Plant Site

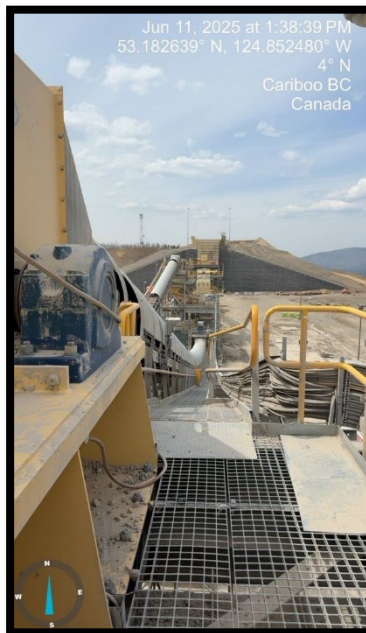


Photo 18: Plant Site



Photo 19: Plant Site Conveyor moving Ore through Crusher Circuit



Photo 20: Plant Site Conveyor



Photo 21: Weighing Rainbow Trout



Photo 21: Measuring Rainbow Trout



Photo 22: Flow Measurement



Photo 23: Removing Rainbow Trout from the Trap box



Photo 24: Flow Measurement



Photo 25: Old Growth Spruce



Photo 26: Fire Morel

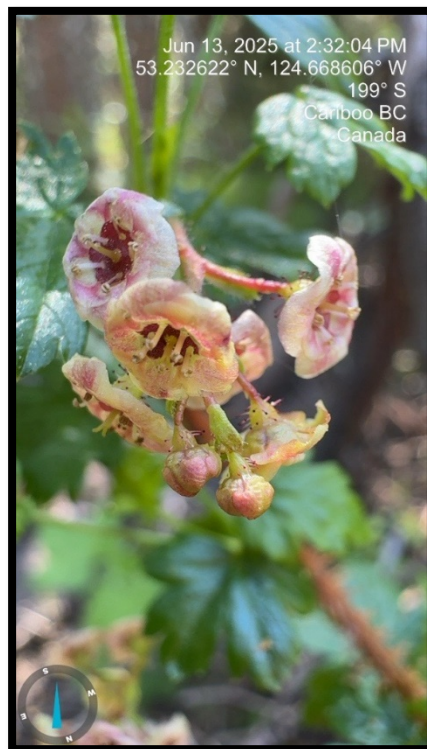


Photo 27: Gooseberry Flower



Photo 28: Netting the Fish into the Trap Box



Photo 29: Netting the Fish into the Trap Box



Photo 30: Measuring Rainbow Trout



Photo 31: Pit Tagging a Rainbow Trout



Photo 32: Brown Grizzly

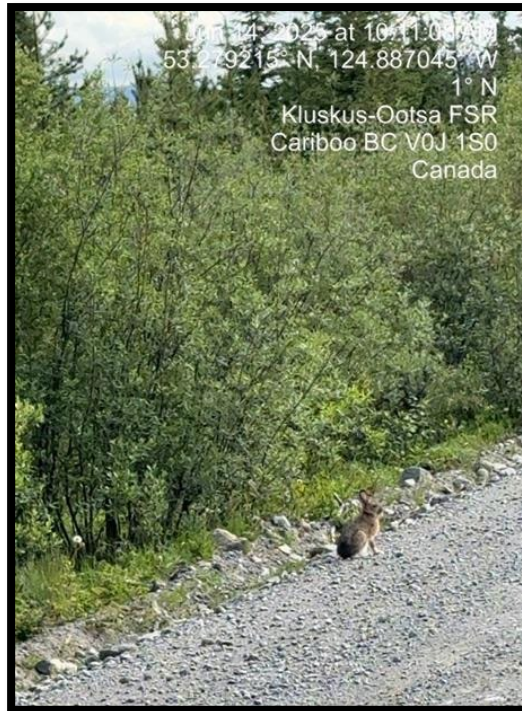


Photo 33: Snowshoe Hare



Photo 34 & 35: Lupine Flowers

Date: August 5, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, July 31-Aug 13, 2025

Daily Activities

Date	Weather	Activity	Comment/follow up
July 31, 2025	25° high to 17° low 20 km winds W	<p>Dust off desk.</p> <p>Review E-mails.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders.</p> <p>Tate & I went to HEAP area to harvest lupine seeds.</p> <p>Completed daily water quality sample (DWQ) at DC-05.</p> <p>Fresh Water Reservoir (FWR) inspection to monitor the activity of the machines and take photos.</p> <p>Put lupine seed pods on cardboard to dry.</p>	<p>First day back on site.</p> <p>Off month of July for vacation.</p> <p>A fire 12-18 km S/SW is being fought by BC wildfire crews.</p>
August 1	19° high to 11° low 3 km winds W	<p>Tate & I completed DWQ samples at DC-05, MC-15, BCD, CWTP and Creek 146.</p> <p>Downloaded data from Level & Baro logger.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	<p>Caribou Monitoring.</p> <p>A new fire started from lighting last night on the other side of Mt. Davidson past the pit location. This fire is approximately 6.5 km away with a large fire break and</p>

		<p>FWR inspection to monitor the activity of the machines and take photos. Updated FWR tracker.</p> <p>Marco & I went to Interim Environmental Control Dam (IECD) to check well depth to verify the depth of the well.</p> <p>Unable to check the well depth at the Old Cody Crusher as the pipe is too high and requires cutting.</p> <p>Then we went to Tailings Storage Facility (TSF) to check on wildlife cameras.</p> <p>Cleaned the interior of truck 40.</p>	a mountain ridge between us.
August 2	21° high to 12° low 4 km winds W	<p>Ethan & I completed DWQ samples at CWTP, BCD, DC-05 and Creek 146.</p> <p>Completed FWR monitoring.</p> <p>Completed all inspection of drop structures.</p> <p>Transfer Surface Water Quality (SWS) into folders.</p> <p>Completed 7 sets of effluent bottles and 2 sets of SWS bottles.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	Caribou Monitoring.
August 3	20° high to 10° low 10 km winds W Gusts up to 26 km/h	<p>Adam & I completed effluent samples at Water Management Pond (WMP), Tailings Storage Facility (TSF), Interim Environmental Control Dam (IECD), Pit Sump and Low-Grade Stockpile (LGO).</p>	Caribou Monitoring.

		<p>Transfer Surface Water Quality (SWS) into folders.</p> <p>Wrote date & time on all bottle sets leaving site to the lab.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	
August 4	<p>17.6° high to 7.4° low 4 km winds WSW Gusts up to 17 km/h</p>	<p>Updated FWR tracker.</p> <p>Ethan & I completed SWS 705-05, 705-10, FC-01, TC-01, TC-05 and CC-15.</p> <p>Stopped at 9.5 km on the access road to get NTU reading of where the tadpoles are being dropped off.</p> <p>Wrote date & time on all bottle sets leaving site to the lab.</p>	<p>Caribou Monitoring.</p> <p>High centered the Gator ATV on a high stump, but we lifted it up and put logs under the tire and we managed to get out.</p>
August 5	<p>14.5° high to 11.5° low 6 km winds SE Gusts up to 18 km/h</p>	<p>Completed DWQ samples at CWTP, BCD, and MC-15.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections.</p> <p>Went to do data downloads for the level & baro loggers.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	<p>Caribou Monitoring.</p> <p>Seen one moose at 6.5 C-trail.</p>
August 6	<p>16° high to 9° low 14 km winds W/SW Gusts up to 37 km/h</p>	<p>Reviewed SOP for Invasive Plant Monitoring as a group at our morning meeting.</p> <p>Sorted & completed inventory on SWQ bottle sets that are ready to go.</p> <p>Clean & disinfect lab area.</p>	<p>Caribou Monitoring.</p> <p>When we observe invasive plants in our work area, it is important to remove them.</p>

		<p>Marco & I went to inspect drop structure VD 146 VD 505.</p> <p>We also went to Mobile Service area (MSA) to check on the generator and refill it.</p> <p>We also went to the partisol station to update the canisters.</p> <p>We also went to Operation Camp to pick up 10 jugs of water.</p> <p>Completed DWQ samples at CWTP, BCD, and MC-15.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p> <p>Fuel up Truck 57.</p>	
August 7	<p>18° high to 6.8° low 9 km winds W Gusts up to 24 km/h</p>	<p>Work on my report daily.</p> <p>Transfer SWQ photos into folders CC-40, CC-10, 705-05, 705-10, FC-01, TC-01, TC-05 and CC-15.</p> <p>Completed site inspections at two fuel bays, Forage Drilling FTE and Earthworks Laydown. I also completed the reports for each location.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p>	Caribou Monitoring.

<p>August 8</p>	<p>13.7° high to 6.8° low 7 km winds W Gusts up to 17 km/h</p>	<p>Quain & I went to inspect Cultural Heritage Resource sites (CHR).</p> <ul style="list-style-type: none"> • CHR # 3- 5 historic blazes trending NW/SE for 50m towards Davidson. Km13 with purple ribbon. Yellow machine free zone. Unable to walk through the burn area as it was too windy. Blaze trail. • CHR #16- Advanced state of decay. Unable to date. Near Cody Crusher. Gravel disturbed area. No ribbon. • CHR #11- Single “bound” CMT. 58 years old. Disturbed gravel area. Near the dam. • CHR #13- Bound CMT. On a gravel hillside. Disturbed by machinery. Near the dam. • CHR #21- 2 blazed trees in linear alignment suggesting association with mineral exploration. By Topsoil 2 (TS2). Long walk. • CHR #22- 3 chainsaw cut blazed trees in linear alignment suggesting association with mineral exploration. Near Low grade stockpile (LGO.) In the center of the lined channel. • CHR #20-4 blazed trees in linear alignment suggesting association with mineral exploration. Near LGO. In a burnt area that has disturbed ground. • CHR #23-1 chainsaw cut blazed tree located on a 	<p>Caribou Monitoring.</p>
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		<p>game trail. Located in a burn area near Mobile Maintenance area (MSA). Seen one old moose antler.</p> <ul style="list-style-type: none"> • Cabin- Log cabin foundation and kitchen wares. This was located near the moose core shack. Flagged with pink ribbon. • CHR #4-4 Blazed trees trending N/S over 1.1 km. Near transmission line. 1 Blaze up a bank. 2 Trees with blazes. 1 blaze on a tree edge of meadow. 1 further down had a blaze on a tree. • CHR #2- 19 N/S trending blazes. Likely from mineral exploration. Near transmission line. Quain walked the line of trail blazes. • CHR #1- 21 blazes on two NE/SW trending terraces. Likely from mineral exploration. • CHR #10- Single “bound” CMT. On the left side of the road heading to Operations Camp. This was an older tree with a nice big bend in it. Just off an old road. There were lots of raspberries, strawberries and gooseberries in the area. <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	
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<p>August 9</p>	<p>17° high to 9° low 10km winds W Gusts up to 34 km/h</p>	<p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p> <p>Completed weekly site inspections at Plant site, Infrastructure Shop/Laydown, Andrew's Hill and Plant Fuel Bay.</p> <p>Completed ride along with Deena Bernier on the 793 HT truck 1312. On both trips we were doing high grade ore haul. I took quite a few photos.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	<p>Caribou Monitoring.</p>
<p>August 10</p>	<p>20° high to 15° low 17km winds W Gusts up to 56 km/h</p>	<p>Ethan and I went to complete Ground water quality sampling (GWQ). We worked on MW12-09S and MW-090. I wrote on the bottle sets and helped fill them up.</p> <p>Cleaned Truck # 57.</p> <p>Marco & I completed Surface Water Sampling (SWS) at DC10.</p> <p>I drove and completed the pit tour with Adam.</p> <p>I completed the red zone driving with Shane Heintz from learning development coordinator trainer.</p> <p>I completed weekly inspection report for the plant site area.</p> <p>Transfer Surface Water Quality (SWS) into folders.</p>	<p>Caribou Monitoring.</p> <p>It's very windy today.</p> <p>Seen one Black Bear.</p>

<p>August 11</p>	<p>23° high to 11° low 7km winds W Gusts up to 27 km/h</p>	<p>Completed weekly inspection report for Andrew's hill and Infrastructure Shop/Laydown.</p> <p>Ethan & I went to 8.25 km on C-trail to complete ground water sampling. The first one we completed was the deep well MW12-07S. Wrote on the bottle sets for both wells. The second one we done was the shallow well MW12-07S.</p> <p>Updated all the trackers.</p> <p>Steven and I went to the security gate to meet the Environmental Climate Change Canada enforcement officers and escort them to Operations Camp. We will be starting the inspection tour tomorrow at 6:30 AM with Ashley Robertson and Klaine Dubeau-Janson.</p>	<p>Caribou Monitoring.</p> <p>I heard a loon when we arrived at the GWQ site.</p>
<p>August 12</p>	<p>21° high to 15° low 12km winds W Gusts up to 41 km/h</p>	<p>Steven, Ashley, Klaine and I went to U-Dorm to have a meeting with Darren Raymond, Health & Safety Manager, to go over the details of the inspection.</p> <ol style="list-style-type: none"> 1) Stopped at Mine Creek 15 km bridge. 2) The Low-Grade Stockpile Pond. 3) Water Management Pond. 4) Tailings Storage Facility. 5) Fresh Water Reservoir. 6) Interim Environmental Control Dam. 7) Water Management Pond-Discharge. They completed their water samples. They were doing samples for Total Suspended Solids (TSS), PH & Conductivity, 	<p>Caribou Monitoring.</p>

		<p>Daphna and they filled 2 20L carboys.</p> <p>8) Water Management Pond where Mine Creek enters.</p> <p>Transfer Daily Water Quality (DWQ) photos into folders & update the tracker.</p>	
August 13	18° high to 11° low 5km winds NW Gusts up to 41 km/h	<p>Maggie & I went to inspect Cultural Heritage Resource sites (CHR).</p> <ul style="list-style-type: none"> • CHR # 24- 6 blazed trees in linear alignment suggesting association with mineral exploration. Near small wet land. Burnt trees which are all logged. This is pass Mobile Maintenance. Go pass the ERT practice smashed up vehicle and make a left turn. Go down that road for 300m. • CHR #5- 8 blazed trees trending E/W over 200m. This is beside Mine Creek. We found 2 small trees with a single blaze. The next 2 were in a disturbed area. 4 were in a disturbed area where a road was made. This is down A-Trail pass the Water Management Pond. Turn right down a road leading to Mine Creek. • CHR #6- Two standing dead trees. This was in a burnt area. Found the stump of 2 trees cut down by loggers. One had moose droppings beside it. Put some small rocks on top of the stump. Stay on A-Trail, turn right on the haul 	Caribou Monitoring.

		<p>road, then left to the clarifiers, then right. Go about 200m on the road.</p> <ul style="list-style-type: none"> • CHR #27- 1 CMT sampled. 1 tree with a bend. It has a stake mark with #27 CHR written on it. Also, we found 2 trees close together with a triangular blaze on them. There was also a small huckle berry patch with some nice big berries. This is at 9km on the C-trail. Turn right and go approximately 2kms. • CHR # 26- 1 CMT sampled. 1 tree with a bend. This was well ribboned off. The tree was bigger than the last CMT. This is at 9km on C-Trail. Turn left from the last CMT and go approximately 200m. <p>Dc-05 update DO on the tracker.</p> <p>Update SWS & DWQ tracker.</p> <p>Finish my report.</p>	
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General Activities:

- Attend daily toolbox meeting at 6:15 to review the toolbox topic of the day and plan our daily tasks.
- Weekly site inspection visits to observe non-compliance.
- Complete daily water quality samples.
- Monitor at Fresh Water Reservoir 2 times per day.
- Gather Lupin seeds.
- Keep the Lab clean and sanitary.
- Keep vehicles clean and fuel when needed.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Completed cultural heritage site inspections annually and took photos.
- Update all trackers daily.

Environmental Monitoring activities:

- Watch for non-compliance and inform supervisors to resolve the issue.
- Daily caribou monitoring for all sites.

- Check to see if partisol is working.
- Complete an inspection tour with the Environmental Climate Change Canada.

Water Management:

- Follow schedule requirements for surface water sampling that will be shipped off site.
- Monitor and sample turbidity with the LaMotte.

Waste Management:

- Monitor for proper waste management.
- Keep on top of making sure that cigarette butts are disposed of in proper receptacles.
- If you see garbage while you are completing your task pick it up and dispose properly.

Spills and Incidents:

- Be prepared to clean up any spills with proper supplies.
- Be very observant when completing inspections.

Fuel Management:

- Follow proper procedures when fueling your truck.
- Make sure to use all required PPE.
- Make sure trucks are full daily in case we get evacuated.

Wildlife Management:

- Report any wildlife sightings through the QR code.

Social, Cultural, Archaeological or Spiritual:

- Enjoyed visiting the Cultural Heritage Resource site

Photos:



Photo 1: Davidson Creek Fresh Water Reservoir

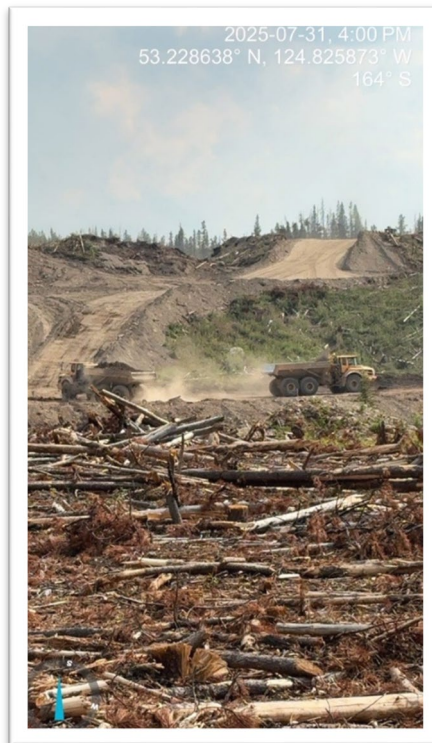


Photo 2: Davidson Creek Fresh Water Reservoir



Photo 3: Davidson Creek Fresh Water Reservoir



Photo 4: Davidson Creek Fresh Water Reservoir



Photo 5: Davidson Creek Fresh Water Reservoir

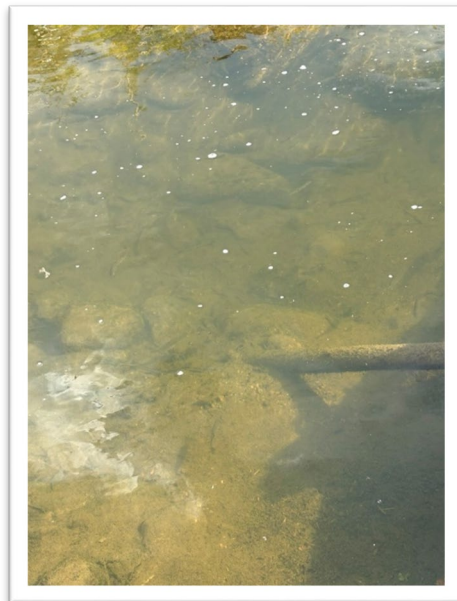


Photo 6: Fish in Davidson Creek at DC-05



Photo 7: Tailing Storage Facility



Photo 8: Tailing Storage Facility

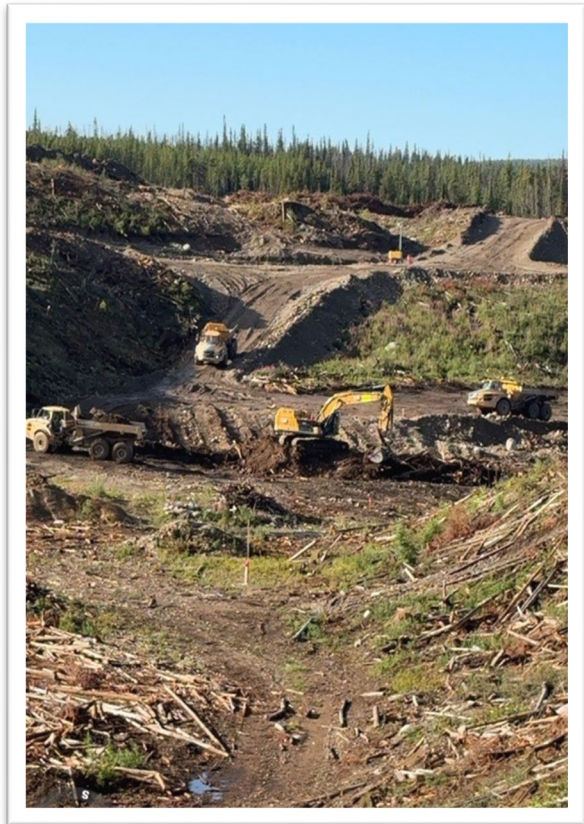


Photo 9: Davidson Creek Fresh Water Reservoir



Photo 10: Turtle Creek SWS Location



Photo 11: Low Bush Juniper used for Medicinal Purpose

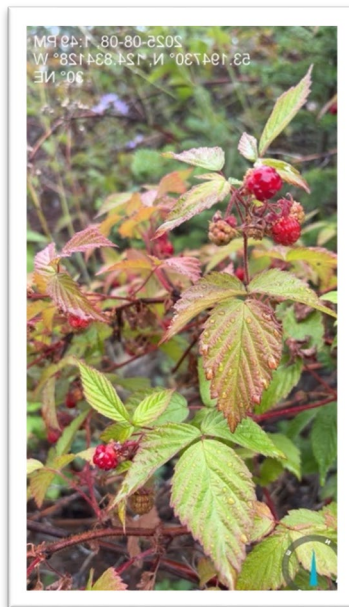


Photo 12: Raspberry Plant



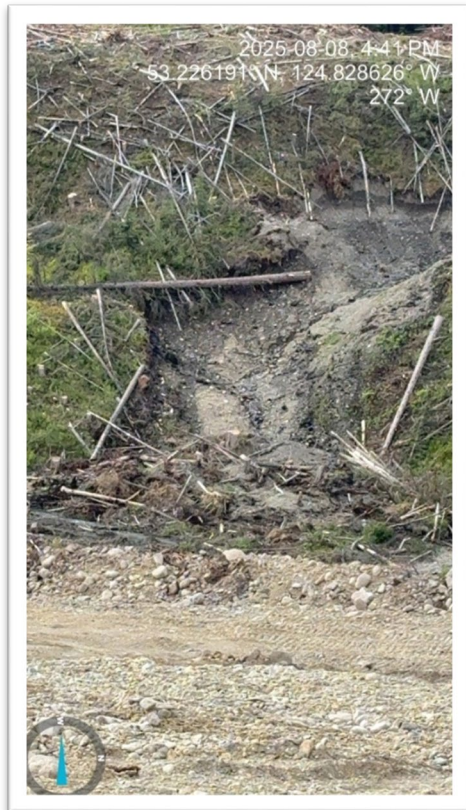
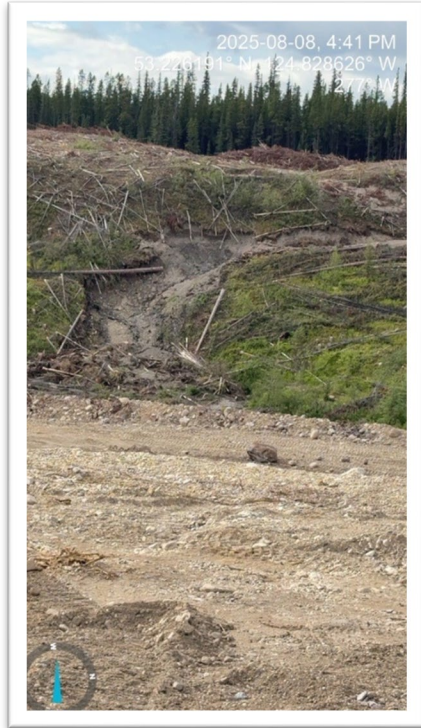
Photos 13 & 14: Cultural Heritage Resource Messenger Tree



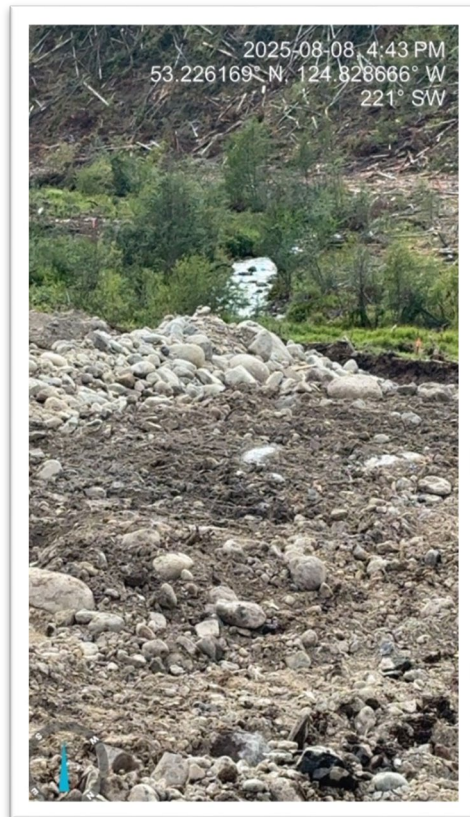
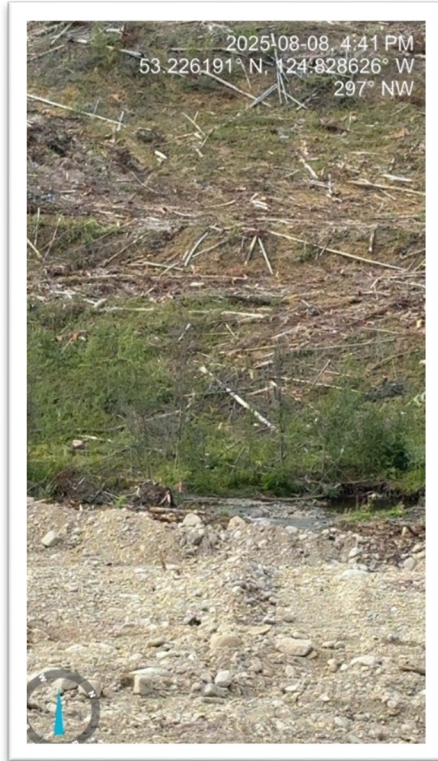
Photo: 15: CHR Messenger Tree



Photo 16: CHR Blazed Tree



Photos 17 & 18: Fresh Water Reservoir Landslide



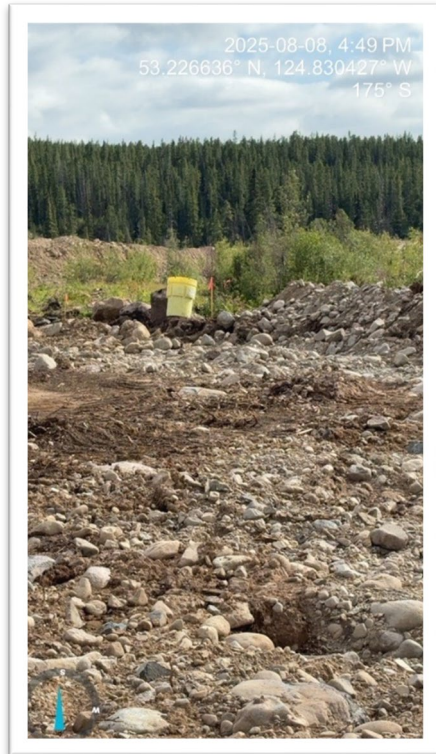
Photos 19 & 20: Fresh Water Reservoir



Photos 21 & 22: Fresh Water Reservoir Landslide



Photo 23: Berm near DC FWR



Photos 24: Spill Kit near DC FWR



Photo 25: Strip Limit near DC

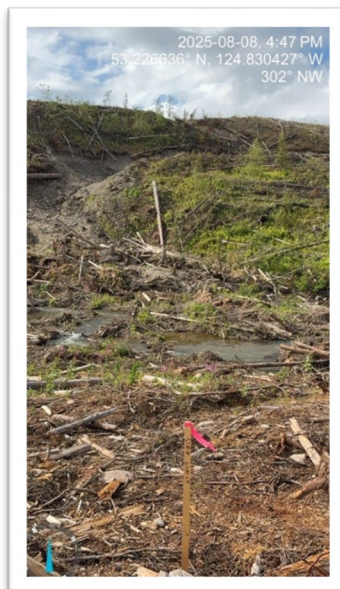
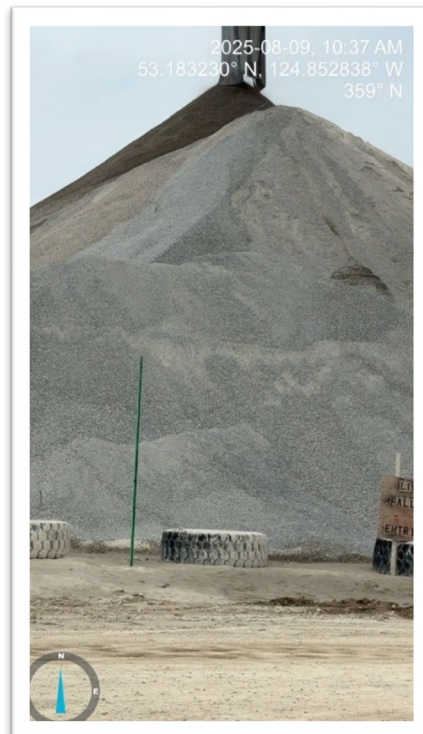
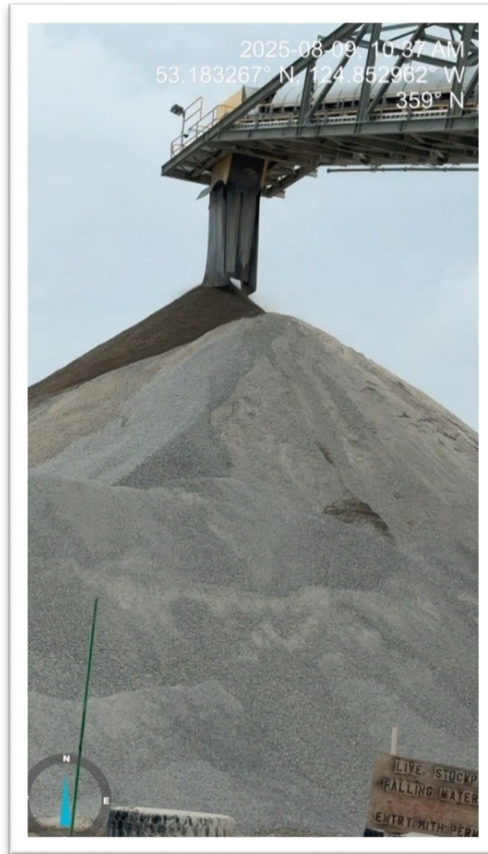
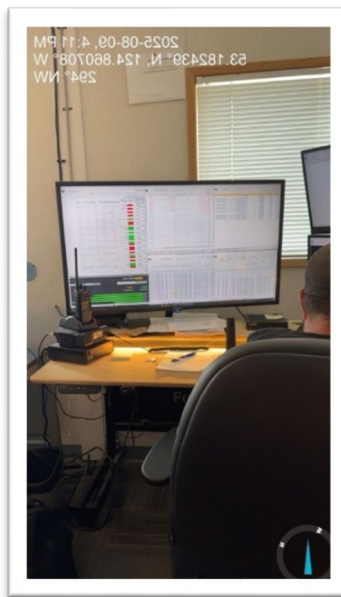
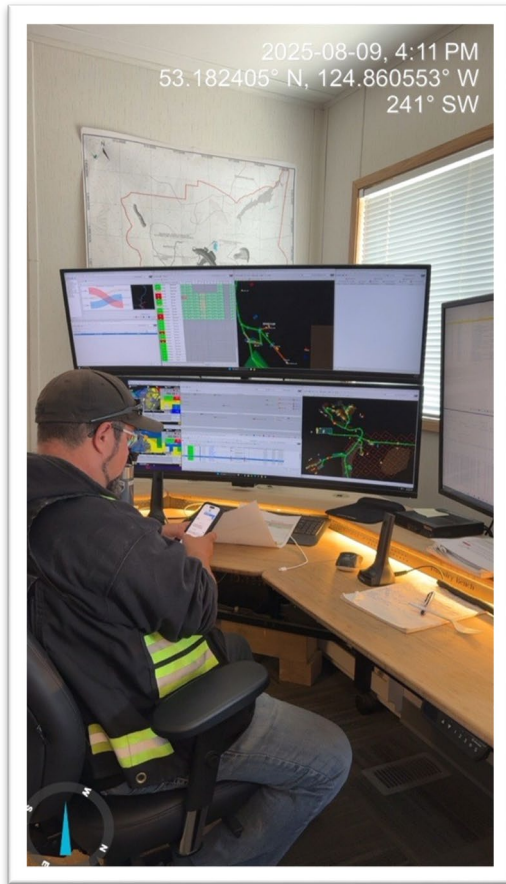


Photo 26: Landslide on Edge of DC



Photos 27 & 28: Wet Ore Shows no Dust



Photos 29 & 30: Dispatch Office

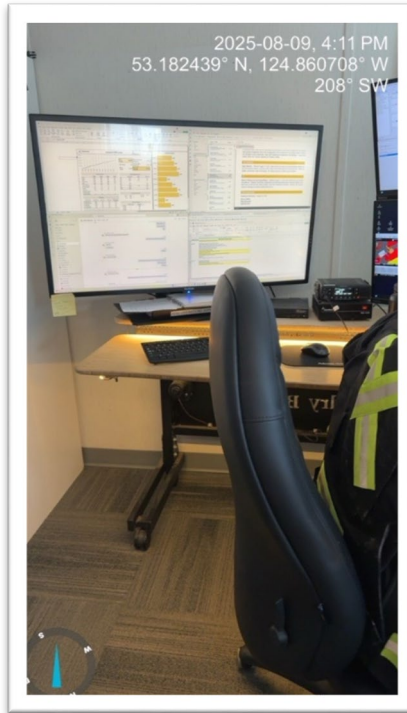


Photo: 31: Dispatch has 3 Screens to Monitor the Haul Trucks & Pit

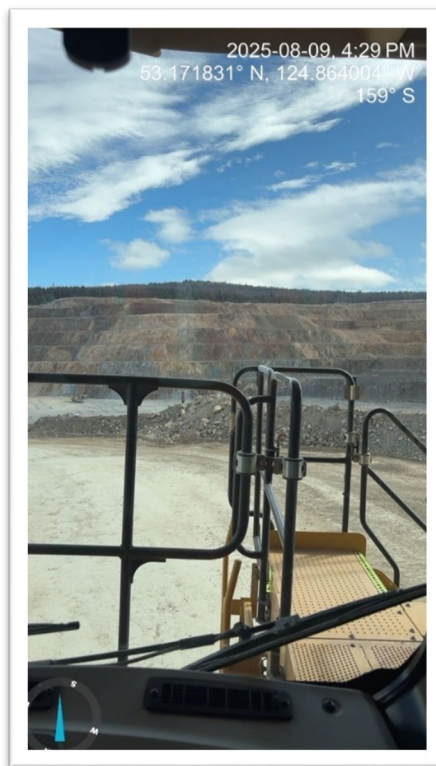


Photo 32: 793 Ride Along Pit View



Photo 33: The Pit & Drillers



Photo 34: Drillers in the Pit

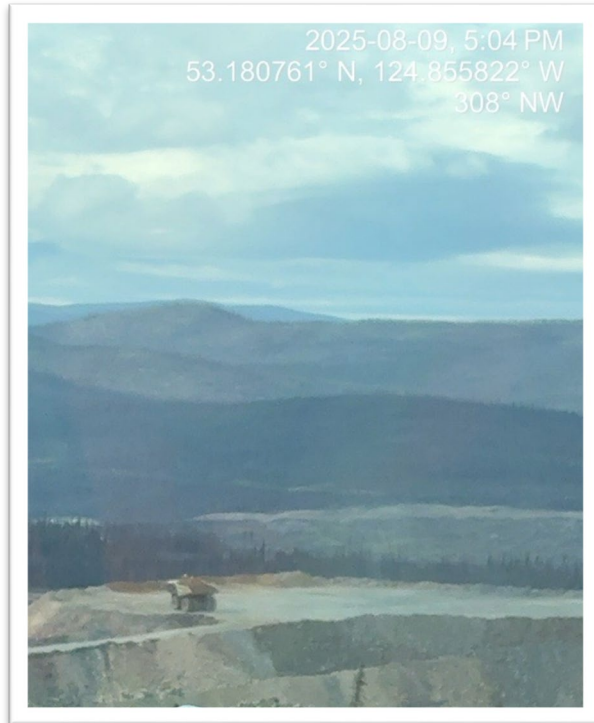
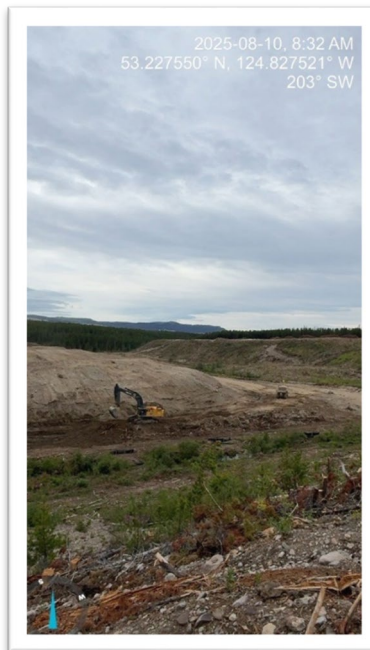


Photo 35: Low Grade Ore Stockpile



Photo 36: Low Grade Ore Stockpile



Photos 37 & 38: Fresh Water Reservoir

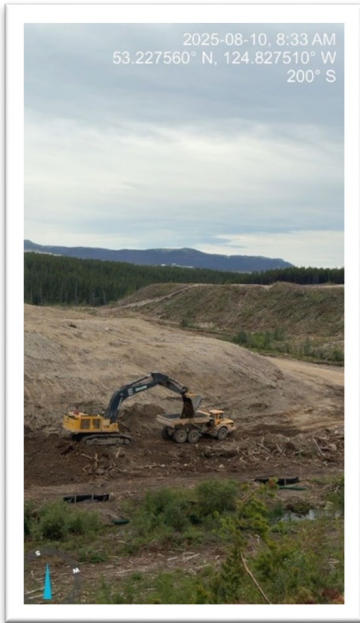


Photo 39 & 40: Fresh Water Reservoir



2025-08-12, 10:52 AM
53.226937° N, 124.825235° W
252° W

Photo 41: Fresh Water Reservoir

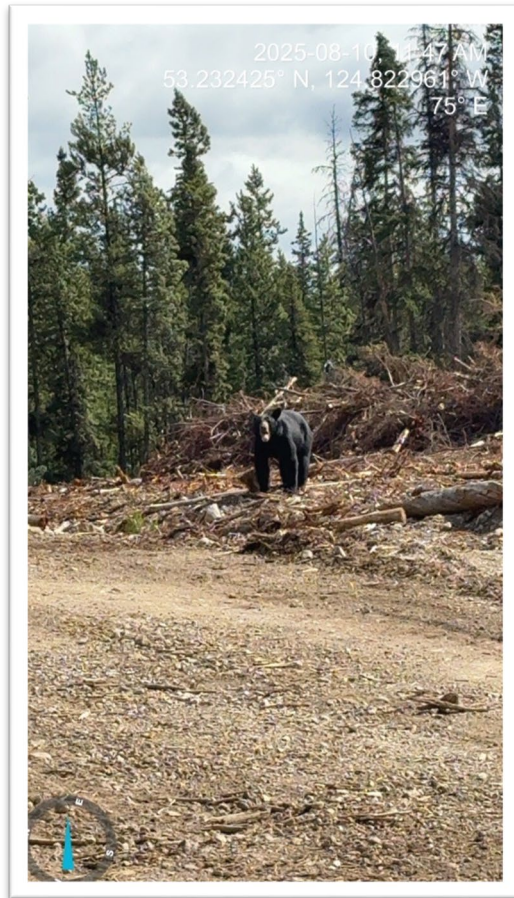


Photo 42: Black Bear



Photo 43: Environmental Climate Change Canada (ECCC) Bottle Sample Set



Photo 44: ECCC Filtering the Water Sample



Photo 45: ECCC Collecting a Water Sample (WMP-D)



Photo 46: ECCC Putting Preservatives into the Sample



Photo 47: Low Grade Ore Stockpile

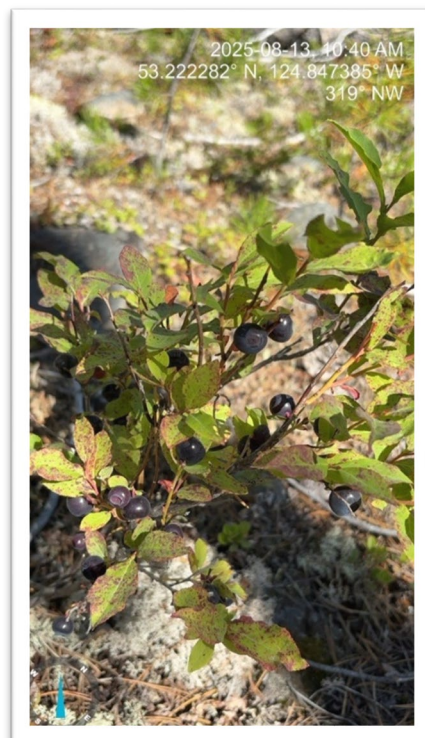


Photo 48: Huckle berries



Photos 49 & 50: CHR Messenger Tree

Date: August 28, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, 2025 Aug. 28-Sept-11

Daily Activities

Date	Weather	Activity	Comment/follow up
August 28, 2025	29° high to 10° low 20 km winds W	Update meeting with Chris & Colton. Complete inspection reports for Construction and Operations camp. Went to DC-05. The second inspection for FWR. Complete FWR report. Fuel up truck # 40.	First day back on site.
August 29	26° high to 12° low 5 km winds N/NW	Completed DWQ samples at DC-05, CWTP, BCD, and MC-15. Updated the tracker. I went to FWR 2 times today. Completed site inspections at construction camp and operations camp. Finished reports for both inspections.	Caribou Monitoring.

<p>August 30</p>	<p>23° high to 14° low 7 km winds W Gusts up to 19 km/h</p>	<p>Completed DWQ samples at DC-05, CWTP, BCD, and MC-15. Updated the tracker.</p> <p>I went to FWR to complete an inspection. I walked to the area where they will be strip-ping to look for amphibians. I also asked the salvage crew if they saw any. I took some photos and completed the report.</p> <p>Transferred the DWQ photos into the folders.</p> <p>Update the Caribou tracker.</p> <p>Update the DWQ tracker.</p> <p>Adam and I went to put amphibian signs at Creek 146. We also completed Ops camp inspections. I completed the report.</p> <p>I started working on my report.</p> <p>Washed Truck 40.</p>	<p>Caribou Monitoring.</p> <p>Air quality Health Index Very high.</p>
<p>August 31</p>	<p>25° high to 11° low 5 km winds E/SE Gusts up to 13 km/h</p>	<p>Kelly from Knight Piesold, Ethan and I went to IECD to perform a seep survey. Ethan collected a bottle set from the collection of standing water.</p> <p>Completed DWQ samples at CWTP, BCD, and MC-15. Updated the tracker.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p> <p>Completed weekly inspections at JDS Energy & Mining Inc., Main Fuel Bay, Forage FTE Drilling, Fuel Station on A</p>	<p>Caribou Monitoring.</p> <p>Air quality Health Index Very high.</p>

		<p>Trail, Capital Projects and Andrew's Hill Fuel Bay and Finning Rental.</p> <p>Completed the reports for JDS and Fuel Bay on A Trail.</p> <p>Fuel up truck # 40.</p> <p>Ethan & I filled truck # 52 with DEF.</p>	
September 1	<p>25° high to 12° low 7 km winds E/NE Gusts up to 18 km/h</p>	<p>Completed weekly inspection at Mobile Maintenance, Plant Site, Infrastructure, Construction Camp and Operations Camp. I also completed the reports.</p> <p>I wrote time & date on effluent bottles. IECD, IECD-DUP, WMP-D, LGO-Pond-FD, LGO-Pond, Pit-Sump, WMP, TSFC-Pond and FB1-WS.</p> <p>Updated DWQ tracker.</p> <p>Updated Caribou Tracker.</p>	<p>Caribou Monitoring.</p> <p>Seen 1 small black bear.</p>
September 2	<p>27° high to 12° low 6 km winds E/NE Gusts up to 17 km/h</p>	<p>Adam & I went to DC-05 for DWQ sample and FWR monitor pictures. We also downloaded Baro & Level logger data. Then we went to the ranch to retrieve HOBO tidbit logger data.</p> <p>Adam, Deanna, Brent & I went to pick blue joint reed grass seeds.</p> <p>Prepared SWQ bottles for DC-05, DC-10, 705-05, 705-10, 661-01, 661-05, 661-10, FC-01, TC-01, TC-05, TC-10 & 705-01.</p>	<p>Caribou Monitoring.</p> <p>Seen 1 big black bear eating grass on the side of 065A road.</p> <p>Very smokey on site today.</p>
September 3	<p>25° high to 12° low 5 km winds W Gusts up to 13 km/h</p>	<p>Completed DWQ samples at DC-05, CWTP, BCD, and MC-15. Updated the tracker.</p>	<p>Caribou Monitoring</p>

		<p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections.</p> <p>Fuel up truck # 40.</p>	<p>Very smokey on site today.</p>
September 4	<p>22° high to 11° low 5 km winds E/NE Gusts up to 13 km/h</p>	<p>Completed DWQ samples at DC-05, CWTP, BCD, and MC-15. Updated the tracker.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p>	<p>Caribou Monitoring</p> <p>Very smokey on site today.</p>
September 5	<p>25° high to 11° low 5 km winds E/NE Gusts up to 11 km/h</p>	<p>Ethan & I went to complete DWQ at DC-05 and BCD.</p> <p>Then we went to complete job structures at DC-05, 146, WMP-O and Creek 668.</p> <p>I took pictures at FWR and completed the report.</p> <p>We escorted Marmac team to WMP-O and 146 to improve erosion sediment control (ESC).</p>	<p>Caribou Monitoring</p> <p>Very smokey on site today.</p>
September 6	<p>21° high to 12° low 6 km winds W</p>	<p>Completed DWQ samples at DC-05 and BCD. Updated the tracker.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p>	<p>Caribou Monitoring</p> <p>Extremely smokey on site. The worst day.</p>
September 7	<p>21° high to 12° low 6 km winds W Gusts up to 17 km/h</p>	<p>Ethan & I went to complete DWQ at DC-05 and BCD. Then I updated the trackers.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p>	<p>Caribou Monitoring</p> <p>Blue skies and less smoke. The fires woke up and produced lots of smoke today.</p>

		<p>Ethan & I completed effluent samples at TSFC-Pond, IECD-C-S, and WMP-D.</p> <p>We also completed both camp inspections.</p>	<p>Seeing 3 choppers flying to the fire. The wind picked up today.</p> <p>Second time we seen 7 water bombers flying in a line over top of our office.</p>
September 8	<p>18° high to 9° low 5 km winds W Gusts up to 14km/h</p>	<p>Completed DWQ samples at DC-05 and BCD. Updated the tracker.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p> <p>Work on my report daily.</p>	Caribou Monitoring
September 9	<p>18° high to 8° low 5 km winds NE Gusts up to 14km/h</p>	<p>Completed DWQ samples at DC-05 and BCD. Updated the tracker.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p> <p>Participated in a 10:00 AM zoom meeting with Sally Turnbull, Taleya Quellet, Martin Shin, Source Consultant to review details about the Aboriginal Group Conceptual Monitoring Plan.</p>	Caribou Monitoring
September 10	<p>19° high to 8° low 3 km winds W</p>	<p>Completed DWQ samples at DC-05, CWTP and BCD. Updated the tracker.</p> <p>Completed monitoring at FWR. I took some photos. Then I completed the report.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p>	Caribou Monitoring
September 11			Travel Day

General Activities:

- Attend daily toolbox meeting at 6:15 to review the toolbox topic of the day and plan our daily tasks.
- Weekly site inspection visits to observe non-compliance.
- Complete daily water quality samples.
- Keep the Lab clean and sanitary.
- Keep vehicles clean and fuel when needed.
- Gather blue joint reed grass seeds.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Update DWQ, FWR, Caribou, and SWS trackers daily.

Environmental Monitoring activities:

- Monitor the FWR to make sure they don't go pass the buffer zone near the creek.
- Be aware of your surroundings and observe your surroundings to report non-compliant issues.
- The Amphibian breeding period is between April 1-Sept 30. If construction is required during this period, pre-construction surveys must be completed by the Environment department and mitigation must be implemented.

Water Management:

- Be aware of any severe changes in the water samples.
- Site water management and erosion control plans require inspection of ditches, sumps, ponds, and other sediment control features following heavy rain events.

Waste Management:

- Monitor for proper waste management.
- Monitor for proper disposal of cigarette butts.
- Keep material storage areas clear of debris and waste. Designate bins for wood, metal, general garbage, and hazardous items.
- All waste bins need to be clearly labeled so that on-site personnel know where to dispose of different types of refuse.

Spills and Incidents:

- When completing site inspections, be observant and look for any spills.
- It is important to regularly inspect equipment for excess grease or other hydrocarbon leaks. This reduces the chance of hydrocarbons being released into the environment.

Fuel Management:

- Make sure to keep the trucks full in case we get evacuated.
- As per our management plans, fueling trucks are required to use wheel chocks, static grounding lines and drivers/attendants are to ensure extra fuel spillage is not occurring.

Wildlife Management:

- Report any wildlife sightings through the QR code.
- Please ensure food waste is disposed of appropriately, and do not leave food waste in pickup truck beds. We want to limit wildlife interactions on site as much as possible.

Social, Cultural, Archaeological or Spiritual:

- When out in the field watch for chance finds.

Photos:



Photo 1: Fresh Water Reservoir (FWR)



Photo 2-3: FWR



Photos 4-6: FWR



Photos 7-9: FWR



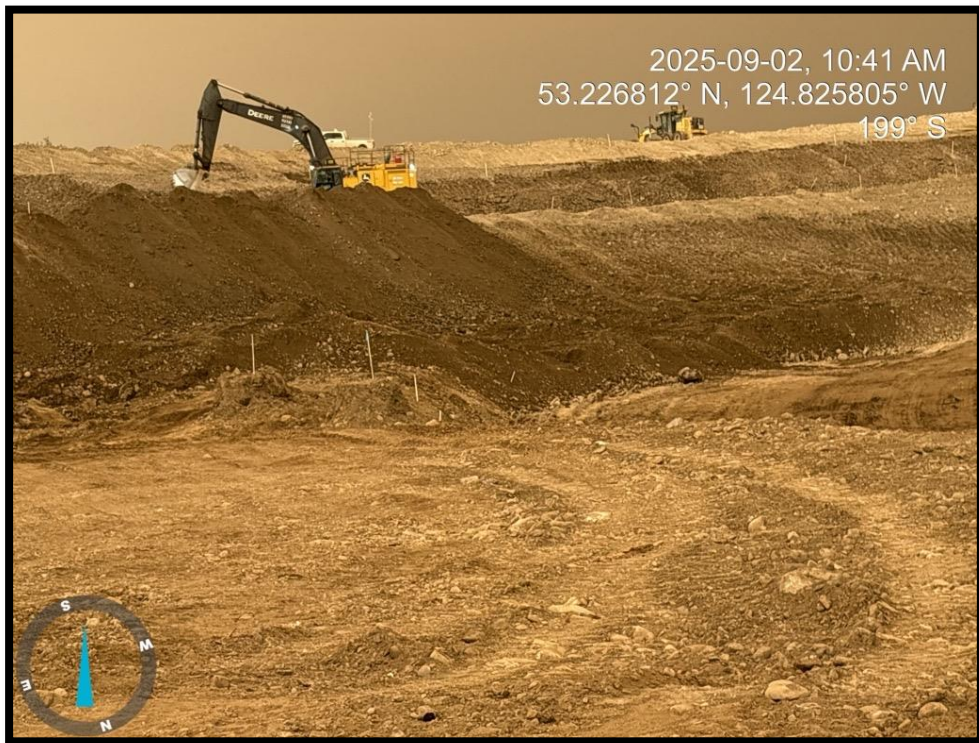
Photo 10: FWR



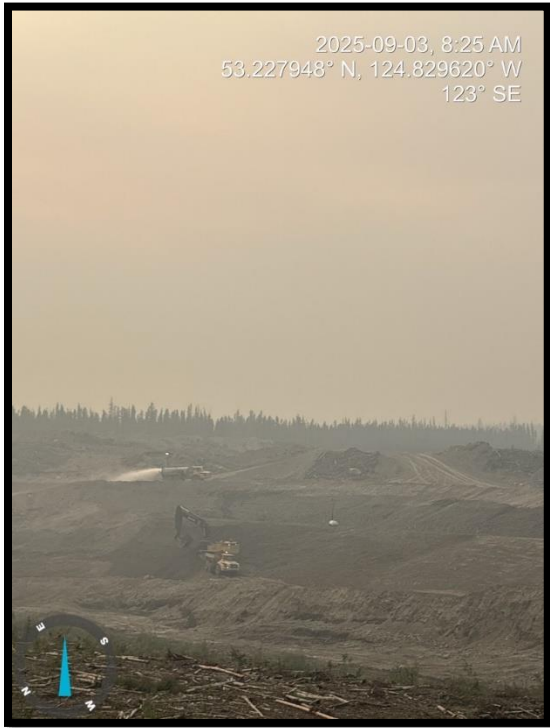
Photo 11: Spring runoff at the slide



Photo 12: The Landslide



Photos 13 & 14: FWR



Photos 15 & 16: FWR



Photos 17 & 18: Salvaging amphibians

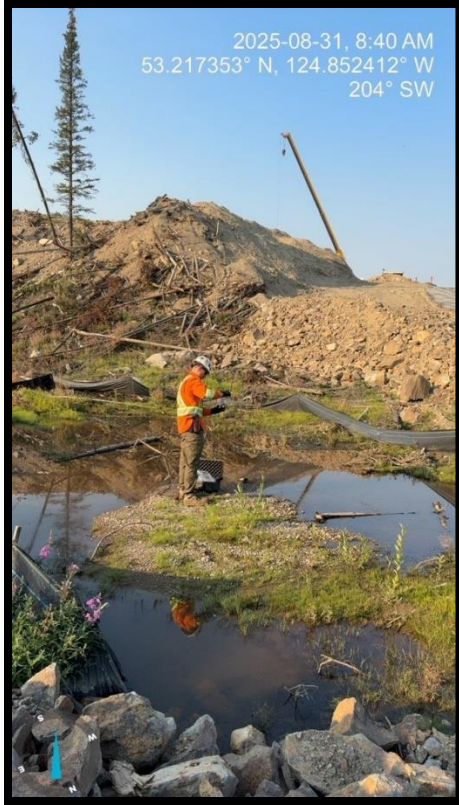


Photo 19: Collecting SEEP Water



Photo 20: Davidson Creek Fish Fence



Photo 21: Tidbits data download



Photo 22: Collecting blue joint reed grass seeds



Photos 23 & 24: FWR



Photos 25 & 26: FWR



Photos 27: Plant Stockpile



Photos 28: FWR



Photo 29: FWR



Photo 30: YSI reading at Creek 146 Job Structure



Photos 31 & 32: FWR



Photos 33 & 34: The Dam



Photo 35 & 36: The Dam



Photo 37: The Dam



Photo 38: Water Buffalo Parking Preparing to Refill

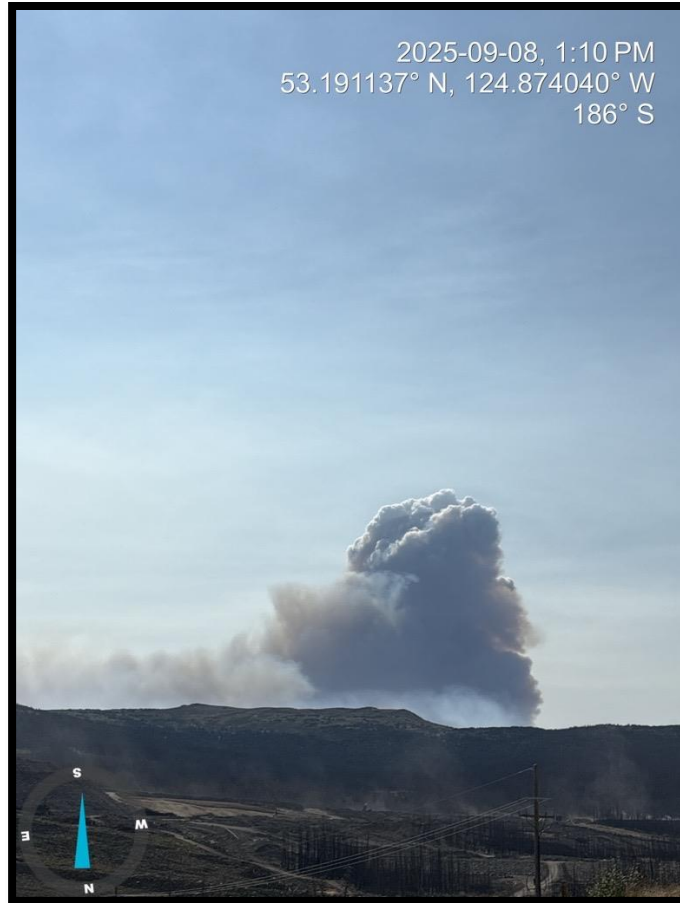


Photo 39: Tsacha Lake Fire



Photo 40: Low Grade Ore Stockpile

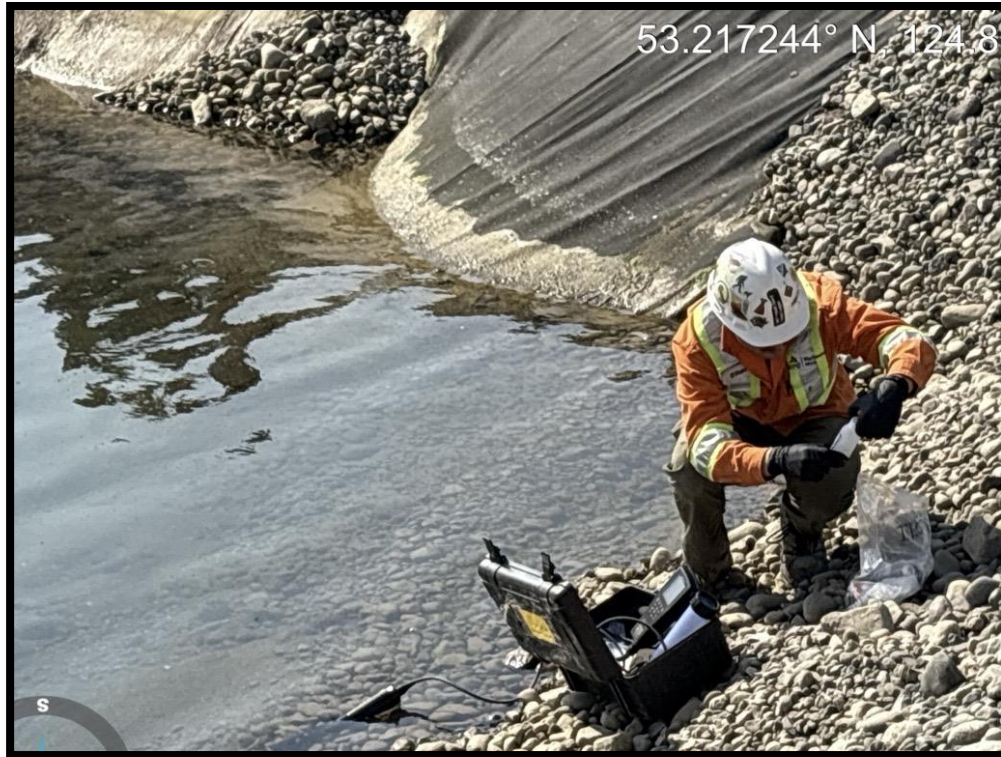


Photo 41: IECD-C-S Water Sample Collection & YSI Reading



Photo 42: Tsacha Fire Flares up in the Afternoon

Date: September 29, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, Sept. 25-Oct. 9, 2025,

Daily Activities

Date	Weather	Activity	Comment/follow up
September 25, 2025	9° high to 5° low 10 km winds W	<p>Completed DWQ samples from DC-05 & BCD.</p> <p>Went to FWR to escort Deanna, Brent, Zack & Randy Moody back to site.</p> <p>Filled truck # 40 with gas & windshield fluid.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p> <p>Update DWQ trackers.</p>	<p>First day back on site.</p> <p>Seen a fox & lynx on our way back to Operations Camp.</p>
September 26	11° high to 2° low 16 km winds SW Gusts up to 62 km/h	<p>Adam and I went to FWR to do an inspection and review the White Bark Pine planting.</p> <p>Completed site inspections at construction camp and operations camp. Finished</p>	Caribou Monitoring

		<p>reports for both inspections</p> <p>Transfer the DWQ photos into the folder. From Sept. 11-21-2025.</p> <p>Update DWQ trackers.</p>	
September 27	<p>7.7° high to 0.7° low 5 km winds WSW Gusts up to 16 km/h</p>	<p>Sick Day</p> <p>Missed out on SOP training, working alone.</p>	
September 28	<p>4.4° high to 0.5° low 8 km winds ENE Gusts up to 18 km/h</p>	<p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections</p> <p>Completed SOP training for sick, injured, dying or orphan (SIDO) animals.</p> <p>Update DWQ trackers.</p> <p>Transfer the DWQ photos into the folder. From Sept. 22-28.2025.</p> <p>Transferred the SWS photos for DC-05, WQ-4, 668-03, 705-10, TC-10, FC-01, DC-05, Dc-10, CC-15, CC-20, 668-03, 661-04, CC-40, CC-30, DC-15, DC-20, TC-01, TC-05, FC-01, 661-10, DC-05, and 661-01.</p>	Caribou Monitoring

		Update Caribou Tracker.	
September 29	9.5° high to 1.9° low 5 km winds SW Gusts up to 14 km/h	Completed 5 in 30 bottle sets for 661-01. Completed SWS for 661-01 and 661-01 DUP. Also included Travel Blank (TB) and Field Blank (FB). I participated in three zoom meetings. Separate lupin seeds.	Caribou Monitoring
September 30	11.3° high to 3.5° low 11 km winds ESE Gusts up to 30 km/h	Ethan & I completed SWS 661-01 plus a DUP. Quain & I completed DWQ and Camp inspections for both camps. We also visited TSF to verify the water level to ensure that the wildlife cameras are safe from water levels. Completed SWS for CC-03 and CC-15. Jessica Saunders and Tyler Mitchell on site. I enjoyed visiting them.	Caribou Monitoring
October 01	11.1° high to 5° low 12 km winds SE Gusts up to 32 km/h	Completed SOP training for Lighting Procedure.	Caribou Monitoring

		<p>Prepared 2 sets of SWS bottles for CC-20 & CC40.</p> <p>Updated DWQ tracker.</p> <p>Marco & I completed Erosion Sediment Control (ESC) inspections.</p>	
October 02	<p>12.3° high to 2.4° low 9 km winds WSW Gusts up to 24 km/h</p>	<p>Completed Course Woody Debris Management Training.</p> <p>Completed chainsaw training with Ken Kabota of Celtic Reforestation Services LTD. We concluded the theory of the course from 7-2.</p> <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections.</p>	Caribou Monitoring
October 03	<p>8.1° high to 4.9° low 11 km winds WSW Gusts up to 38 km/h</p>	<p>Completed SOP 23 Loading & Unloading ATV, UTV, Snowmobile from Trailer.</p> <p>Completed the second day of chainsaw training in the field.</p> <p>Completed site checks at Fresh Water Reservoir (FWR). Then I finished the report.</p>	Caribou Monitoring

		Completed DWQ at DC05, CWTP, BCD, and MC-15.	
October 04	7.2° high to 0.7° low 14 km winds WSW Gusts up to 33 km/h	<p>I updated the DWQ trackers twice today.</p> <p>I completed DWQ at BCD, CWTP, NDC and two times at MC-15.</p> <p>Completed the reports for both camps and FWR for yesterday.</p> <p>Fueled up truck 40.</p>	<p>Caribou Monitoring</p> <p>Seen moose tracks at the Northern Diversion Chanel.</p>
October 05	11.8° high to -1.5° low 10 km winds WNW Gusts up to 23 km/h	<p>Completed Environmental Equipment Inspection SOP 36.</p> <p>Adam and I completed both camp inspections. Then I finished the report.</p> <p>We also checked out the work at TW-13-02.</p> <p>Completed site checks at Fresh Water Reservoir (FWR). Then I finished the report.</p> <p>We completed Downloads at DC-05 for the OTT.</p> <p>We completed ground water downloads (GW/GT)</p>	Caribou Monitoring

		<p>of the divers at the following wells.</p> <ul style="list-style-type: none"> •GT-12-09 •GT-21-03 D/S •GT 20-04 •MW22-02 D/S •MW22-03 D/S •MW-05 D/S 	
October 06	<p>15.7° high to 2.3° 6 km winds WNW Gusts up to 14 km/h</p>	<p>Completed Working on Ice SOP 019.</p> <p>Completed bottle sets for Kuyakuz Lake.</p> <ul style="list-style-type: none"> •KL-01 Shallow •KL-01 Mid •KL-01 Deep <p>Completed Effluent Bottles.</p> <ul style="list-style-type: none"> •IECD •IECD-DUP •TSFC-Pond •PIT Sump •LGO-Pond •LGO-Pond-FD •FB1-WS <p>Completed site inspections at construction camp and operations camp. Finished reports for both inspections.</p> <p>Completed site checks at Fresh Water Reservoir (FWR). Then I finished the report.</p> <p>Picked up water for the office.</p>	Caribou Monitoring

October 07	10° high to 1° 8 km winds WNW Gusts up to 32 km/h	Completed Passive Air Sampling SOP 32. Adam & I completed SWS at 705-10, 705-10 DUP, FC-01, and DC-05.	Caribou Monitoring
October 08	6.7° high to -2.9° 11 km winds N Gusts up to 25 km/h	Completed Off Road Vehicle SOP 22. Completed site checks at Fresh Water Reservoir (FWR). Then I finished the report. Fueled up truck 40. Sam & I had a tour with Impact Assessment Agency of Canada (IAAC). We went to the following locations. <ul style="list-style-type: none"> • Mine Creek 15 bridge. • Central Water Transfer Pond. • Water Management Pond. • WMP Clarifiers. • FWR 	Caribou Monitoring
October 09	13° high to -1° 6 km winds S	Finish my report and send it off to the distribution list.	The rotation ends today.

General Activities:

- Attend daily toolbox meetings at 6:15 to review the toolbox topic of the day and plan our daily tasks.
- Complete daily water quality samples.
- Keep the Lab clean and sanitary.
- Keep vehicles clean and fuel when needed.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Update DWQ, FWR, Caribou, and SWS trackers daily.

- Complete SWS 5-30 for ten locations.
- Complete SOP training at the morning meeting.
- Complete pre-trip inspection before driving the truck.
- Use positive communication.
- Completed the Chainsaw Safety Training.

Environmental Monitoring activities:

- Monitor the FWR to make sure they don't go past the buffer zone near the creek.
- Report any wildlife activities on the site.
- Be aware and observe for non-compliance.

Water Management:

- Be aware of NTU increases in the creeks after a rainstorm. If it increases substantially text, the supervisor ASAP.
- Complete daily water quality samples.
- Complete surface water sampling.

Waste Management:

- Check the bins to ensure that waste is disposed into the correct bins.
- Complete camp inspections daily to ensure waste and cigarette butts are disposed of properly.

Spills and Incidents:

- Monitor the FWR to make sure they don't go past the buffer zone near the creek.
- There were no major spills on this rotation.

Fuel Management:

- Monitor that spill trays are being used for jerry cans, generators, and equipment.
- Monitor evidence of spills on the ground.

Wildlife Management:

- Reported fox, moose tracks, doe and fawn, and a lynx on the QR code wildlife sightings.

Social, Cultural, Archaeological or Spiritual:

- Be observant and watch out for chance finds while out in the field.
- Communicate with other First Nations to learn about the history of the area.

Photos:

2025-09-11, 7:19 AM
53.191400° N, 124.873793° W
75° E

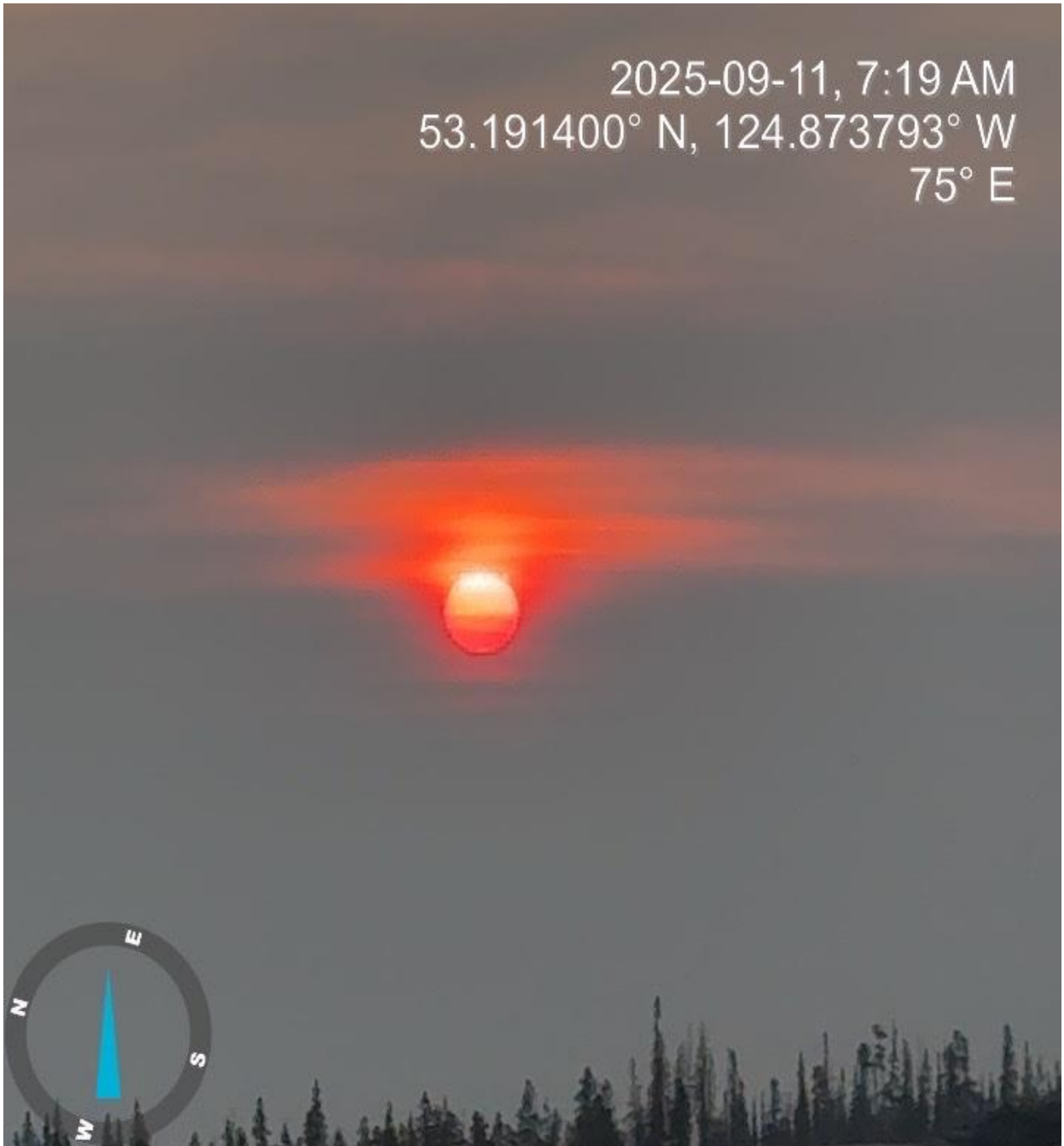


Photo 1: Sunrise



Photo 2: OTT



Photo 3: Surface Water Sampling at 661-01



Photo 4: Fresh Water Reservoir



Photo 5, 6, & 7: FWR



Photo 9: Doe & Fawn

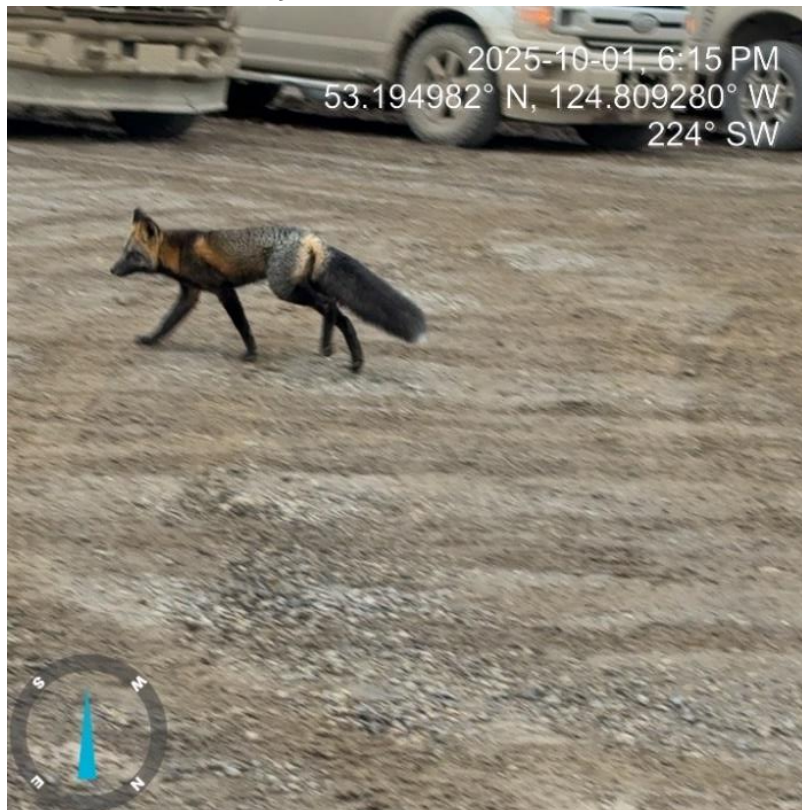


Photo 10: Fox



Photo 11 & 12: Tailings Storage Facility (TSF)

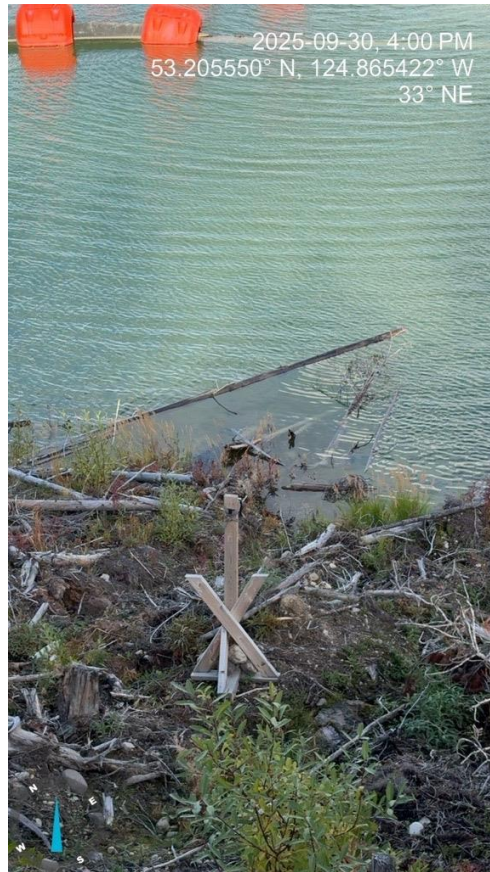


Photo 13: Wildlife Camera at TSF

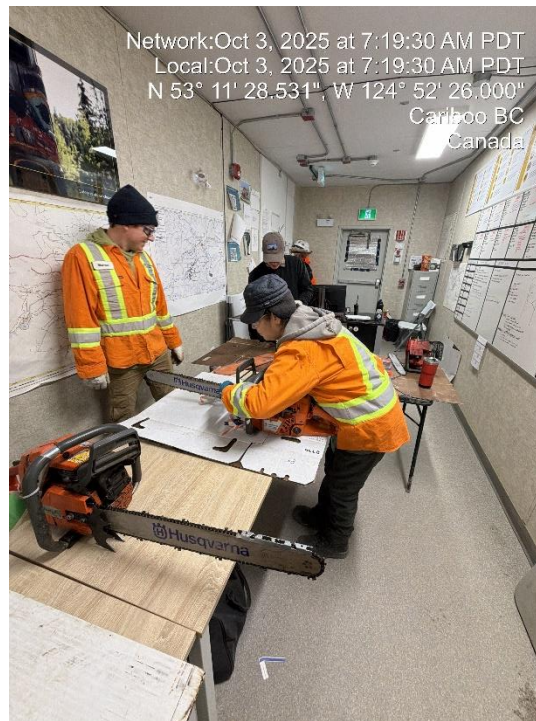


Photo 14 & 15: Sharpening the Chain at Chainsaw Training.

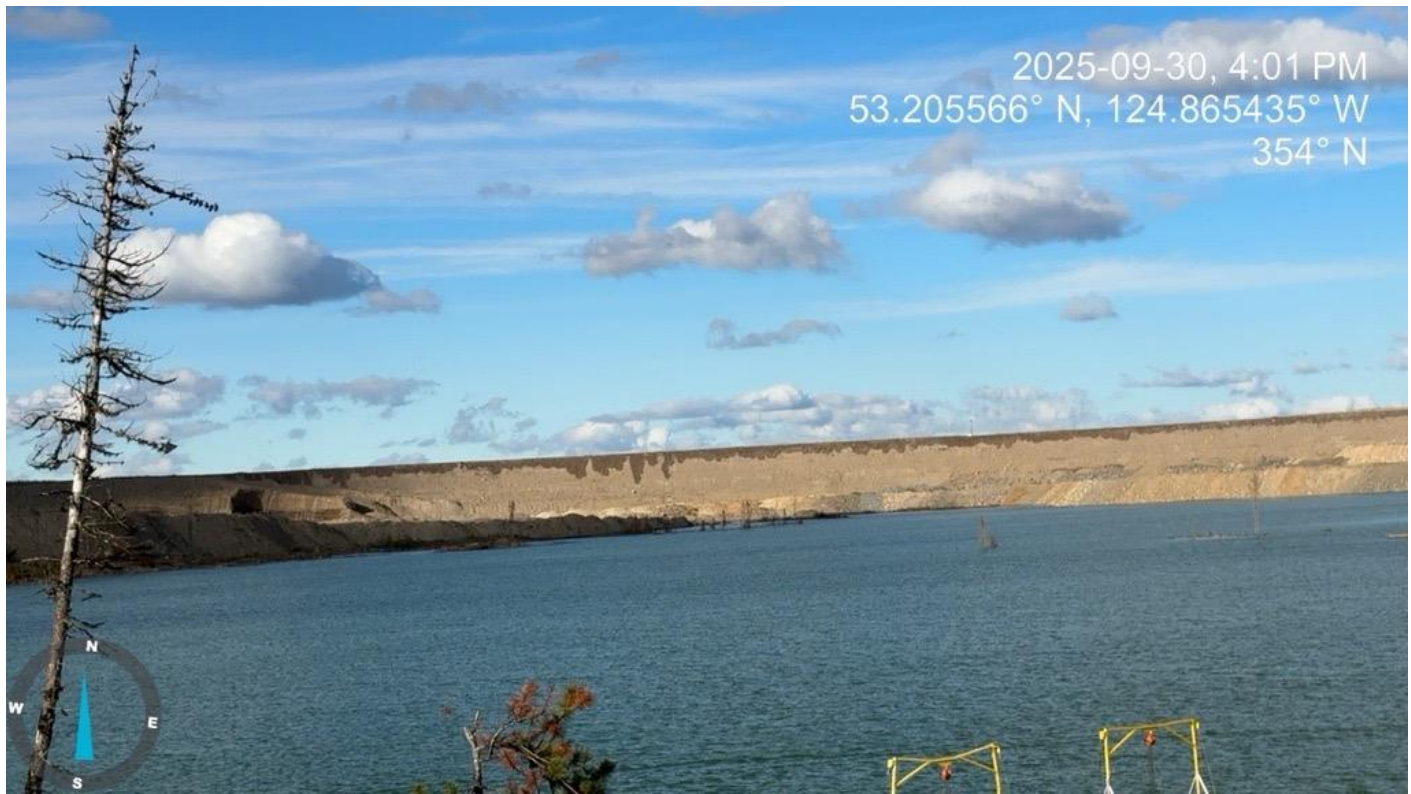


Photo 16 & 17: Tailings Storage Facility

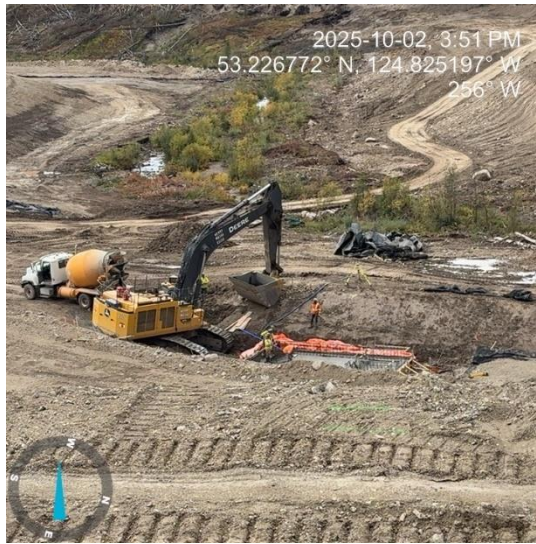


Photo 18, 19 & 20: Fresh Water Reservoir



Photo 21, 22, & 23: Fresh Water Reservoir

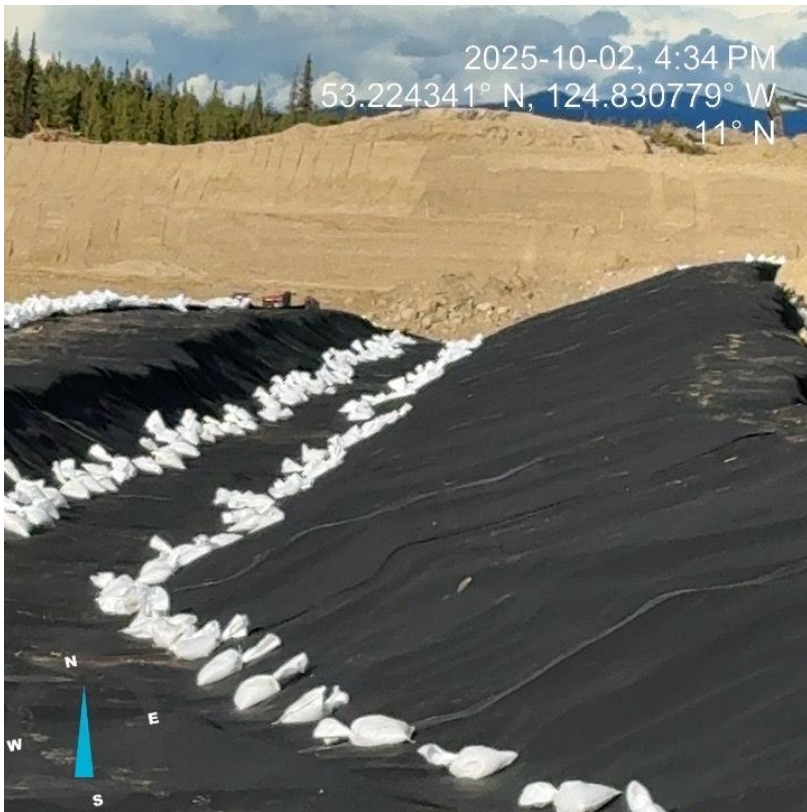


Photo 24, 25, & 26: Fresh Water Reservoir



Photo 27 & 28: White Bark Pine Planted above FWR

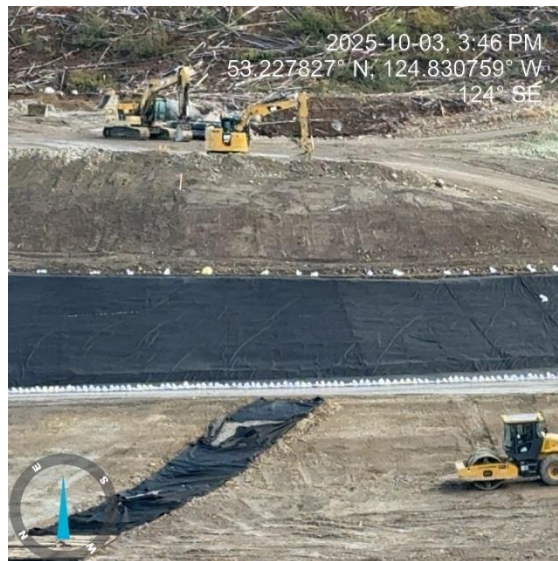


Photo 29, 30, & 31: Fresh Water Reservoir



Photo 32, 33, & 34: Erosion and Sediment Control (ESC) Straw Waddle

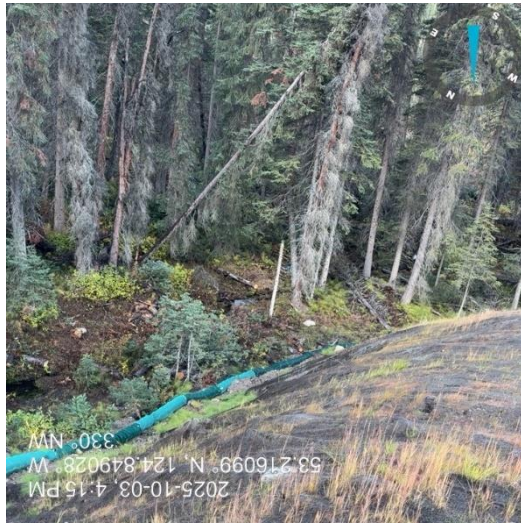


Photo 35 & 36: ESC Spring Berms



Photo 37: ESC Straw Waddles



Photo 38: Interim Environmental Control



Photo 39 & 40: The Dam



Photo 41: Moose Tracks



Photo 42, 43, & 44: Fresh Water Reservoir



Photo 45, 46, & 47: Fresh Water Reservoir

Date: October 26, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, Oct.23-Nov.5.2025

Daily Activities

Date	Weather	Activity	Comment/follow up
October 23, 2025	10° high to 3° low 15 km winds S Gusts up to 56 km/h	<p>Transfer the DWQ photos into the folder. From Oct. 7-9.</p> <p>Completed DWQ samples from BCD & CWTP.</p> <p>Completed site checks at Fresh Water Reservoir (FWR).</p> <p>Completed site inspections at Construction Camp and Operations Camp.</p> <p>Steven & I went for a drive to check out Mine Creek & Lakes 15 & 16 to check out where the turbid water was coming from.</p> <p>Jason, Monica & Tim added extra channel between lakes 15 & 16.</p>	<p>First day back on site.</p> <p>Caribou Monitoring</p>
October 24	8° high to 0.2° low 5 km winds SW Gusts up to 11 km/h	<p>Completed reports for FWR, Operations and Construction camps</p> <p>Clean and organize coolers in the lab. Wiped down and disinfect counters and tables.</p> <p>Transfer the DWQ photos into the folder. From Oct. 10-24.</p>	Caribou Monitoring

		<p>Clean Tritons area to set up water cooler.</p> <p>Enter DWQ data into excel tracker.</p> <p>Transferred the SWS photos for</p> <ul style="list-style-type: none"> • CC-15 • DC-20 • CC-20 • 661-01 • TL-02 • 661-04 • CC-03 • 661-10 • TL-04 • TL-03 • TL-01 • DC-05 • 705-10FC-01 • CC-30 • DC-20 • CC-15 • CC-40 • NR-10 	
October 25	<p>3.6° high to -3.3° low 9 km winds ENE Gusts up to 21 km/h</p>	<p>Completed site inspections at Construction Camp and Operations Camp.</p> <p>Completed weekly site inspection at</p> <ul style="list-style-type: none"> • FTE Drilling • Mobile Maintenance • HEAP • Andrew's Hill • JDS Laydown • Plant Site • Four Fuel Bays <p>Completed nine reports for all the weekly above site inspections.</p> <p>Prepared effluent bottle sets</p> <ul style="list-style-type: none"> • 668-20 • IECD-C-S • DC-Seep 	Caribou Monitoring

		<ul style="list-style-type: none"> • TSFC-Pond • TSF-DC-FD • TSF-MC-FD <p>Updated the DWQ tracker.</p> <p>Transferred the SWS photos for</p> <ul style="list-style-type: none"> • NR-15 • NR-05 • 661-10 • CC-03 • DC-05 • FC-01 • 705-10 • 661-01 • DC-20 • CC-15 • CC-40 • 705-05 • CC-20 • TC-01 • DC-15 • 668-03 • 661-05 • TC-05 <p>Fueled up truck #118.</p>	
October 26	1.6° high to -1.3° low 15 km winds W Gusts up to 37 km/h	<p>Completed DWQ samples</p> <ul style="list-style-type: none"> • DC-05 • BCD • MC-15 • WMP-D • 668 Culvert • CWTP <p>Completed site inspections and the report for Construction Camp and Operations Camp.</p> <p>Completed site checks and the report for Fresh Water Reservoir (FWR).</p> <p>Enter DWQ data into excel tracker.</p>	<p>Caribou Monitoring</p> <p>Seen foxes and coyote tracks in the fresh snow.</p> <p>Reviewed the new Job Hazard Analysis (JSA) for Tailings Storage Facility (TSF) Sampling at Booster Pump 1.</p>

		<p>Writing time and date for bottle sets.</p> <ul style="list-style-type: none"> • 661-01 • 661-10 • CC-03 • CC-03-Dup 	
October 27	<p>1.4° high to -7° low 11 km winds W Gusts up to 37 km/h</p>	<p>Completed DWQ samples</p> <ul style="list-style-type: none"> • DC-05 • BCD • MC-15 • WMP-D • CWTP <p>Completed site inspections and the report for Construction Camp and Operations Camp.</p> <p>Completed site checks and the report for Fresh Water Reservoir (FWR).</p> <p>Enter DWQ data into excel tracker.</p> <p>Fueled up truck #57.</p>	Caribou Monitoring
October 28	<p>1° high to -7.3° low 16 km winds E Gusts up to 49 km/h</p>	<p>Completed DWQ samples with Noah.</p> <ul style="list-style-type: none"> • DC-05 • BCD • MC-15 • WMP-D • CWTP <p>Completed site checks and the report for Fresh Water Reservoir (FWR).</p> <p>Completed site inspections and the report for Construction Camp and Operations Camp.</p> <p>Cleaned the ice and debris from the fish fence.</p> <p>Enter DWQ data into excel tracker.</p>	<p>Caribou Monitoring</p> <p>Seen two grouse.</p>

		<p>Transferred the SWS photos for</p> <ul style="list-style-type: none"> • 705-10 • CC-03 • 661-10 • 661-01 • CC-20 	
October 29	<p>4.9° high to -1.3° low 20 km winds W Gusts up to 61 km/h</p>	<p>Prepared SWS bottle sets for</p> <ul style="list-style-type: none"> • FC-01 • CC-15 <p>Marco & I went to complete SWS.</p> <ul style="list-style-type: none"> • 705-10 • FC-01 • CC-15 • DC-20 • WMP-D • FB5-WS <p>Wrote time and date on the above bottle sets.</p> <p>Completed site inspections and the report for Construction Camp and Operations Camp.</p>	<p>Caribou Monitoring</p> <p>Seen big black bear tracks in the snow at the WMP-D.</p>
October 30	<p>7° high to -3° low 9 km winds SE Gusts up to 24 km/h</p>	<p>Completed DWQ samples.</p> <ul style="list-style-type: none"> • DC-05 • BCD • MC-15 • WMP-D <p>Adam and I set up one cannon at IECD and another one at WMP. We also set up a wildlife camera at the WMP.</p> <p>Transferred the SWS photos for</p> <ul style="list-style-type: none"> • 705-10 • FC-01 • CC-15 • DC-20 <p>We went over the Gantt Chart as a team.</p>	<p>Caribou Monitoring</p> <p>Seen one grouse.</p> <p>Seen a Clark's Nutcracker at Lakes 15 & 16.</p>

<p>October 31</p>	<p>8° high to -0.8° low 16 km winds S Gusts up to 52 km/h Wind warnings up to the high 90's</p>	<p>Quain and I completed DWQ samples.</p> <ul style="list-style-type: none"> • BCD • WMP-D <p>We also completed SWS at DC-05.</p> <p>I wrote up DC-05 Duplicate.</p> <p>We filled 25 sandbags at FWR.</p> <p>We completed camp inspections at Construction Camp.</p> <p>Filled truck #57.</p> <p>Completed the report for both camps.</p> <p>We also escorted Avison from WMP-D to 9.5 km on C-Trail.</p> <p>We also escorted Eco fish from Security to Operations Camp.</p>	<p>Caribou Monitoring</p>
<p>November 1</p>	<p>2° high to -3° low 12 km winds W/SW Gusts up to 42 km/h</p>	<p>Completed DWQ samples.</p> <ul style="list-style-type: none"> • DC-05 • BCD • MC-15 • CWTP <p>Completed weekly site inspections.</p> <ul style="list-style-type: none"> • Capital Projects Laydown • Mobile Maintenance • Plant • Andrew's Hill • OP'S and Construction Camp • Fuel Bay 2 <p>Write time and date on DC-20.</p> <p>Write on ground water bottle sets.</p> <ul style="list-style-type: none"> • PW24-01 	<p>Caribou Monitoring</p> <p>Seen a cow and calf moose at 11 km on the C-trail.</p> <p>Seen a grouse.</p>

		<ul style="list-style-type: none"> • PW24-02 • GT21-035 • MW23-05D • MW23-05S <p>Completed inspection at FWR.</p> <p>Completed data downloads at the level and baro loggers.</p> <p>Update DWQ tracker and photos.</p> <p>Quain and I downloaded data from the ground wells (TRP)</p> <ul style="list-style-type: none"> • MW23-05 D/S • MW22-03 D/S • MW22-02 D/S • GT 22-02 D/S • GT 20-04 	
November 2	2° high to -2° low 17 km winds SW Gusts up to 56 km/h	<p>Completed weekly site inspections.</p> <ul style="list-style-type: none"> • JDS Laydown • FTE Drilling • Fuel Bay 2 • Terracon Geotechnique • Earthworks HQ <p>Completed DWQ sample at DC-05.</p> <p>Completed site inspections and the report for Construction Camp and Operations Camp.</p> <p>Completed site checks and the report for Fresh Water Reservoir (FWR).</p> <p>Completed all the reports for the weekly inspections.</p> <p>Prepared SWS bottle sets.</p> <ul style="list-style-type: none"> • TC-01 • DC-15 • 705-10 	<p>Caribou Monitoring</p> <p>Seen three grouse today.</p>

		<ul style="list-style-type: none"> • 705-10 Duplicate • FC-01 • FB1-WS <p>Meet Dan and Cindy from Knight Piesol (KP).</p> <p>Steven and I went to km15 to view the Northern Hawk Owl.</p>	
November 3	3.3° high to -5.8° low 5 km winds WS Gusts up to 19 km/h	<p>Quain and I went to WMP-D to collect an effluent sample.</p> <p>We also went to PW24-01 and PW24-02 to collect a bottle set from the Pumping wells.</p> <p>Completed site checks and the report for Fresh Water Reservoir (FWR).</p> <p>After Adam and Cindy completed the conductivity survey at DC, we went to DC-05 to obtain YSI reading.</p> <p>Prepared effluent bottle sets.</p> <ul style="list-style-type: none"> • IECD • IECD-DUP • IECD-C-S • Pit-Sump • LGO-Pond • LGO-Pond-FD • TSFC-Pond • FB-WS <p>Update DWQ tracker and photos.</p> <p>Wind blew over wildlife camera, and we stood it back up.</p> <p>Prepared SWS bottle sets.</p> <ul style="list-style-type: none"> • DC-EC-1 • DC-EC-2 • DC-EC-3 <p>Clean and disinfect the lab.</p>	Caribou Monitoring

November 4	3.5° high to -2° low 13 km winds E Gusts up to 29 km/h	Finish my report and send it out.	Caribou Monitoring
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General Activities:

- Attend daily toolbox meetings at 6:15 to review the toolbox topic of the day and plan our daily tasks.
- Complete daily water quality samples.
- Keep the Lab clean and sanitary.
- Keep vehicles clean and fuel when needed.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Update DWQ, FWR, Caribou, and SWS trackers daily.
- Complete SOP training at the morning meeting.
- Complete stretch and flex by watching u-tube videos after morning meetings.
- Prepare bottle sets for surface water, effluent and ground water samples.

Environmental Monitoring activities:

- Monitor the Fresh Water Reservoir daily and take photos for the report.
- Complete weekly site inspections to make sure that there are no non-compliant.

Water Management:

- Complete daily water quality sampling.
- If you notice any significant changes notify the supervisor ASAP.

Waste Management:

- Complete camp inspections daily to ensure that waste management is performed correctly.

Spills and Incidents:

- Spill report attached in the photos.

Fuel Management:

- Monitor for spills on the ground.
- Make sure spill trays are being used and have no water in them.

Wildlife Management:

- Reported cow, calf moose, fox and black bear track.

Social, Cultural, Archaeological or Spiritual:

- Be alert and always watch for chance finds while out in the field.

Photos:



Photos 1 & 2: Fresh Water Reservoir (FWR)



Photo 3: Concrete Flow Chamber Structure (FWR)



Photo 4: Laying coco mats for Erosion Sediment Control



Photo 5: Diversion channel for Davidson Creek



Photo 6: Shaping of Western Basin Slope



Photo 7: Hauling from the West side.



Photo 8: New channel at Lakes 15 & 16.



Photo 9 & 10: New channel at Lakes 15 & 16



Photo 11: Concrete Flow Chamber Structure (FWR)



Photo 12: Trucks Hauling to shape the bottom.



Photo 13: Excavator digging up material to haul away.



Photo 14: Excavator cleaning material to be hauled to the stockpile.



Photo 15: Shrubs that are being planted at FWR



Photo 16: Fresh Water Reservoir



Photos 17 & 18: Fresh Water Reservoir



Photos 19 & 20: Fresh Water Reservoir



Photos 21 & 22: New channel at Lakes 15 & 16

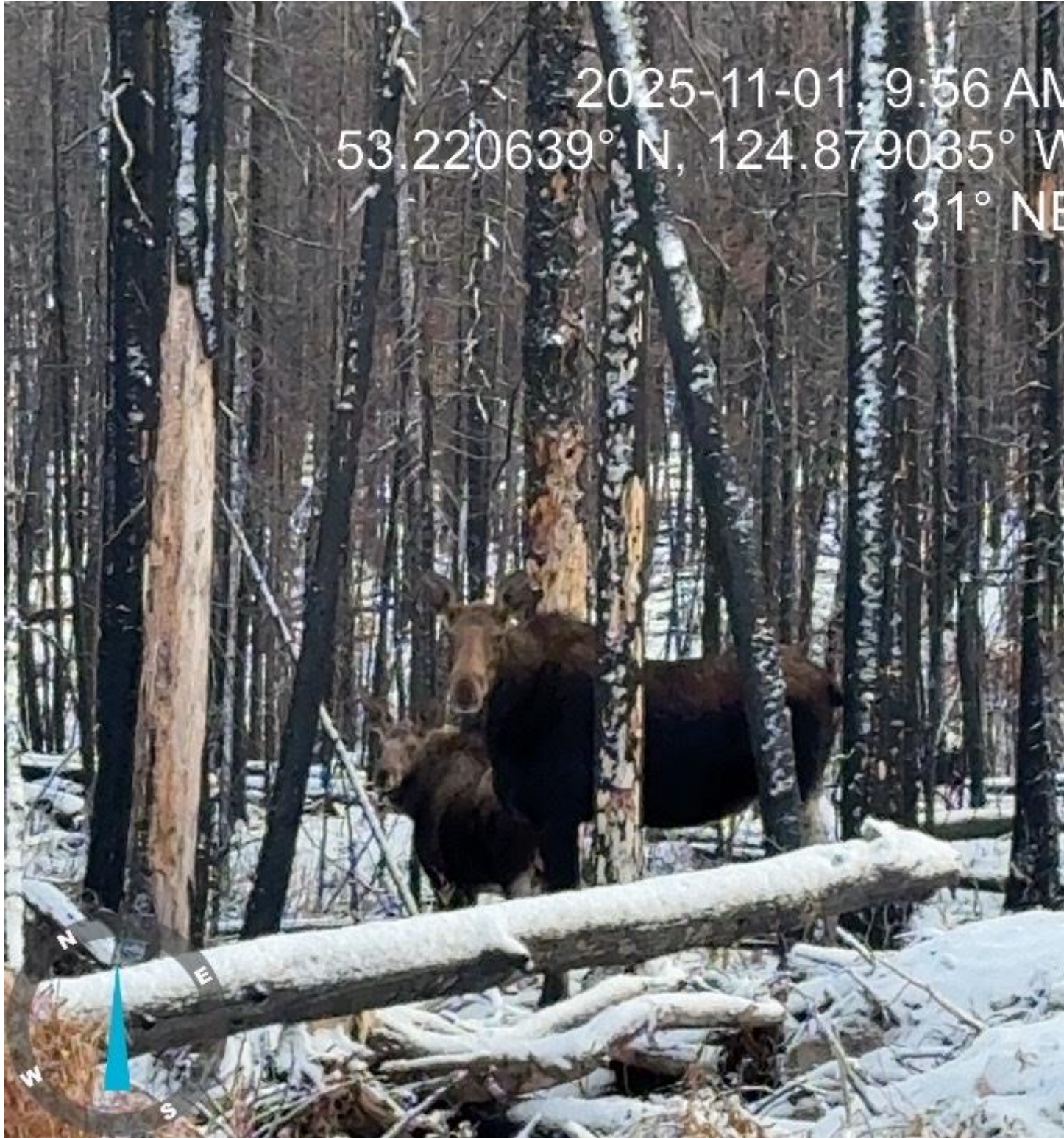


Photo 23: Cow and Calf Moose



Photo 24: Big Black Bear Track Near WMP-D

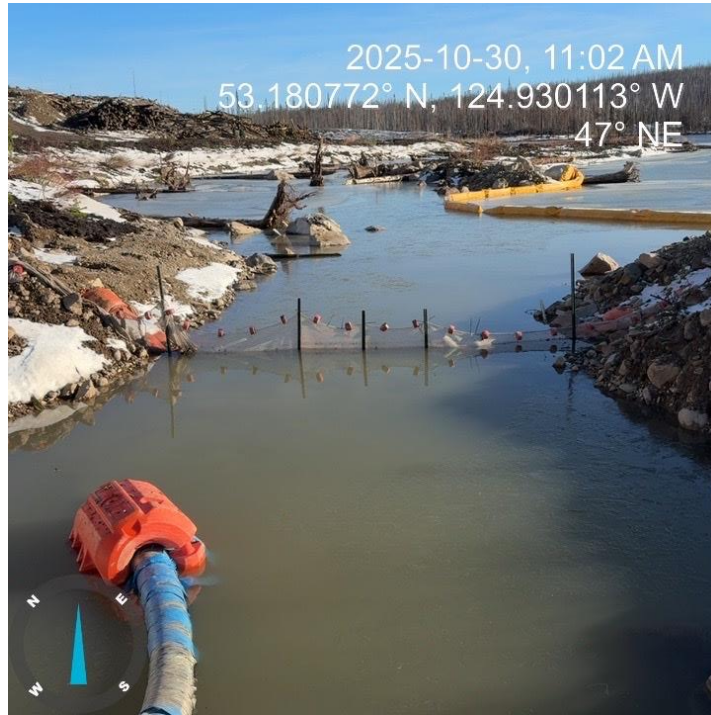


Photo 25 & 26: Monitoring at Lakes 15 & 16.



Photo 27: YSI Reading for Lakes 15/16 Channel.



Photo 28: Setting up Wildlife Camera at WMP



Photos 29 & 30: Wildlife Fence at WMP



Photo31: Setting up Wildlife Cannon at IECD



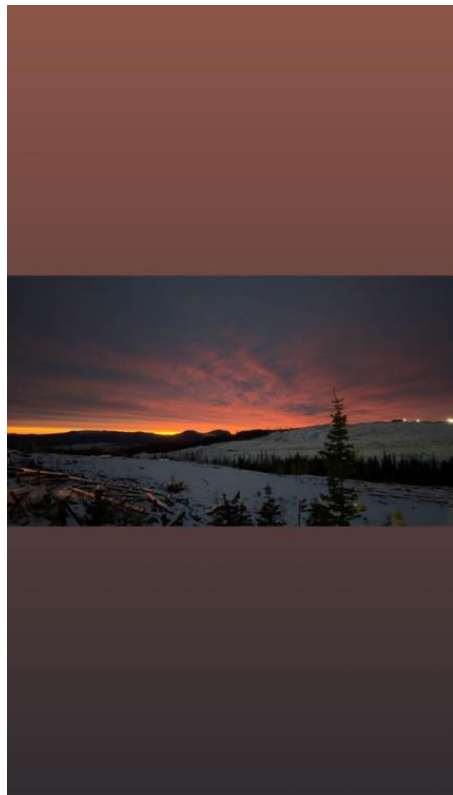
Photos 32: Setting up Wildlife Cannon at WMP



Photo 33: Wildlife Camera picture of a lynx and a beaver.



Photo 34: Wildlife Camera of a Bobcat.



Photos 35 & 36: BWG Sunrise

Network:Nov 1, 2025 at 2:14:29 PM PDT
Local:Nov 1, 2025 at 2:14:29 PM PDT
N 53° 12' 3.628", W 124° 55' 17.568"
Cariboo BC
Canada

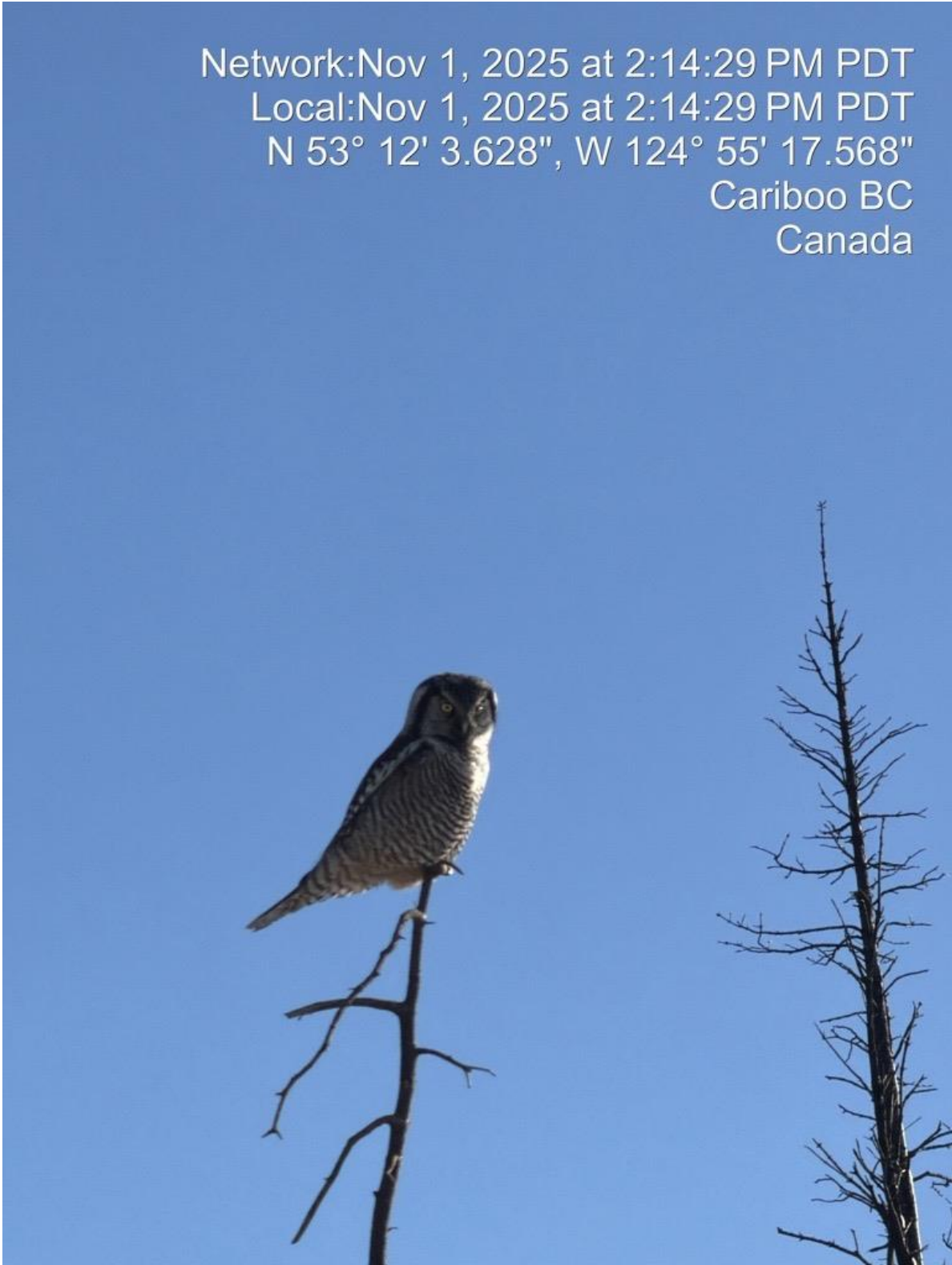


Photo 37: From Quain Seen at Lakes 15/16 Northern Hawk Owl



Photo 38: From Quain Seen at Lakes 15/16 Black Backed Woodpecker



Photo 39: From Quain Seen at Lakes 15/16 Otter



Photo 40: 793 Truck Getting Loaded



Photo 41: Dozer Pushing Material



2025-11-03, 12:28 PM
53.227959° N, 124.825946° W
173° S

Photo 42: Pouring Concrete for the Flow Chamber



2025-11-04, 12:41 PM
53.227395° N, 124.824839° W
222° SW

Photo 43: Finished Product for the Flow Chamber

Date: November 19, 2025



Distribution:	Environmental Monitoring Board
Author:	Kloud Chantyman
Re:	Blackwater Gold Environmental Monitoring Report, Nov 6 - Nov.19.2025

Daily Activities

Date	Weather	Activity	Comment/follow up
Nov-6	sunny	Travel to site	NA
Nov-7	NA	orientation	NA
Nov-8	Gray\snow/muddy	Daily quality site tours and learned to sample the service water sites and a tour around the mine.	NA
Nov-9	sunny	Learned to sample Affluent sites also checked the wild life cameras	NA
Nov-10	Cloudy/light snow	<ul style="list-style-type: none"> • Took side by side • CC05/got stuck • 661-20 • CC03 • 661-03 • 661-10 	NA
Nov-11	cloudy	Hydrology flow and survey Checked fish net. Escorted Davison back to construction camp	Hydrology was the least fun in my opinion
Nov-12	cloudy	Took side by side 705-05. did the daily's Hiked to 705-01 saw a wolf paw and moose tracks	NA
Nov-13	Clear through whole day	<ul style="list-style-type: none"> • Ground water • 1208-deep • 1209-deep and shallow 	NA

Nov-14	Blue sky whole day	Learned how to upload ground water loggers	NA
Nov -15	Fog whole day	Did archeology on transmission lines-Fraser lake	NA
Nov-16	Fog/sunny	Finished archeology	NA
Nov-17	Gray	Surface/daily water samples	NA
Nov-18	Cloudy/sunny	Surface water/daily's/grabbed hoses at lake 15/16	NA
Nov-19	Sunny	Surface water sample -TRP-samples -Drop structures inspections	NA
Nov-20	N/A	Travel home	Travel at 4am

General Activities:

- Attend daily toolbox meetings at 6:15 to review the toolbox topic of the day and plan our daily tasks.
- Complete daily water quality samples.
- Keep the Lab clean and sanitary.
- Keep vehicles clean and fuel when needed.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Update DWQ, FWR, Caribou, and SWS trackers daily.
- Complete SOP training at the morning meeting.
- Prepare bottle sets for surface water, effluent and ground water samples.

Environmental Monitoring activities:

- Monitor the Fresh Water Reservoir daily and take photos for the report.
- Complete weekly site inspections to make sure that there are no non-compliant.

Water Management:

- Complete daily water quality sampling.
- Helped with surface water, groundwater sampling, along with and hydrology surveys.

Waste Management:

- N/A

Spills and Incidents:

- Report any spills found on site.

Fuel Management:

- Monitor for spills on the ground.
- Make sure spill trays are being used and have no water in them.

Wildlife Management:

- Spotted a mole, fox, and coyote along the Kluskus FSR , mine access road and the 500 road.

Social, Cultural, Archaeological or Spiritual:

- Did 20 archeology along transmission lines from Blackwater Mine to Fraser lake (holy cross rd)

Photos:



FWR outlet construction



CC-40 SWQ site



FWR downstream fish fences



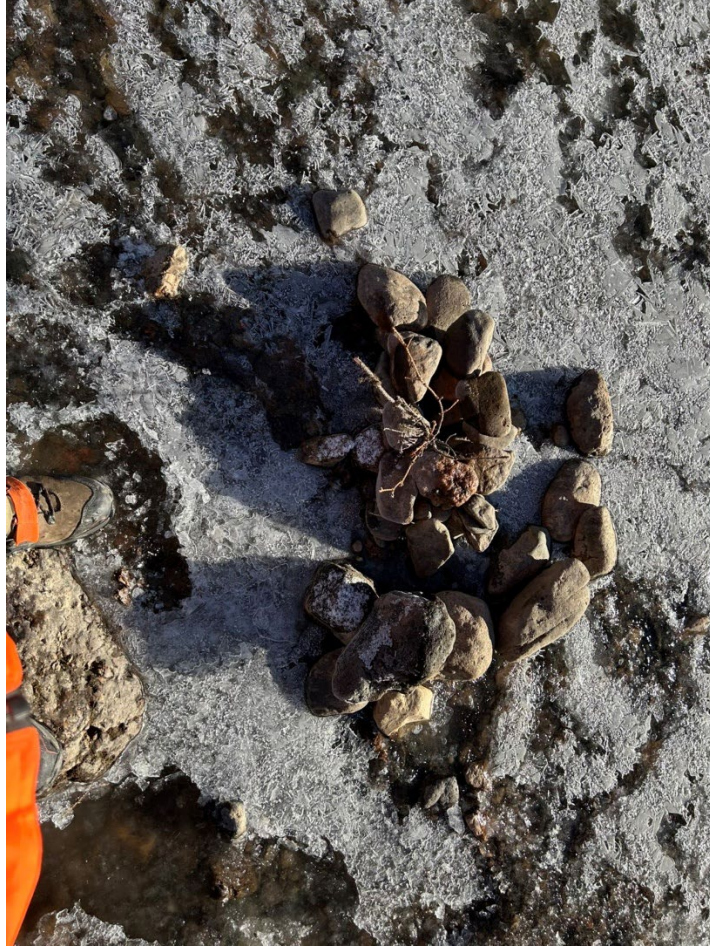
Drop structure inspection



Groundwater well sampling



Earthworks activity on the tailings dam.



Rock pile I made while waiting for hydrology.



Effluent sampling at the IECD.

Date: December 1, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, Dec 1- 4, 2025

Daily Activities

Date	Weather	Activity	Comment/follow up
December 1, 2025	2° high to -2° low 11 km winds W Gusts up to 43 km/h	<p>Transfer the DWQ photos into the folder. From Nov. 5-Dec 1.</p> <p>Completed weekly site inspections:</p> <ul style="list-style-type: none"> • Fuel Bays • FTE Drilling • Mobile Maintenance • Construction & OP'S Camp • Plant <p>Completed five reports for the above site inspections.</p> <p>Fueled up truck # 52. Also filled up the windshield wash reservoir.</p>	<p>First day back on site.</p> <p>Caribou Monitoring</p>
December 2	-0.8° high to -4.9° low 9 km winds W Gusts up to 21 km/h	<p>Transferred the SWS photos for</p> <ul style="list-style-type: none"> • CC-05 • 661-20 • 661-03 • 661-10 • CC-03 • 661-01 • 705-05 • DC-05 	Caribou Monitoring

		<ul style="list-style-type: none"> • CC-40 • 704-03 • WQ4 • 704-01 • 668-20 <p>Mark & I completed a site tour with the Compliance Enforcement Officers.</p> <ul style="list-style-type: none"> • Warehouse • Construction Camp • Plant Fuel Bay • OP'S Camp • New Fuel Bay • Culvert 636 • Fresh Water Reservoir <p>The tour went great!</p> <p>Fueled up truck # 118</p> <p>Went to FWR for site inspection.</p> <p>Completed DWQ sampling at DC-05.</p> <p>Work on Ice Rescue Training Online.</p> <p>Escort Avison to C-Trail at 9km for bear den sweeps.</p> <p>Update all the trackers.</p>	
December 3	0.3° high to -2.4° low 9 km winds W Gusts up to 32 km/h	<p>Work on Ice Rescue Training Online.</p> <p>Completed FWR report for the 1st.</p> <p>Went to FWR for site inspection. Then I completed the report.</p> <p>Completed DWQ sampling at DC-05.</p>	Caribou Monitoring

		<p>Escort Avison from security gate to IECD for ground water work.</p> <p>Adam & I went to Andrew's Hill and Plant laydown to check on some bins.</p> <p>Then we went to ERT office to pick up the equipment that was drying.</p>	
December 4		Work on my report.	Last Day on Site

General Activities:

- Attend daily toolbox meetings at 6:15 to review the toolbox topic of the day and plan our daily tasks
- Complete daily water quality samples.
- Be sure to complete your Take 5 daily before you begin your tasks.
- Update DWQ, FWR, Caribou, and SWS trackers daily.
- Complete stretch and flex by watching u-tube videos after morning meetings.
- Work on Ice Rescue Training Online.
- Keep the Lab clean and sanitary.

Environmental Monitoring activities

- Monitor the Fresh Water Reservoir daily and take photos for the report.
- Complete weekly site inspections to make sure that there are no non-compliant.

Water Management:

- Complete daily water quality sampling.
- If you notice any significant changes notify the supervisor ASAP.

Waste Management:

- Check waste bins to make sure garbage is separated properly.
- Pick up any waste you see on the ground and dispose of it properly.
- Make sure all bins have labels. This helps keep waste properly separated.

Spills and Incidents:

- Monitor for spills on the ground.
- Make sure spill trays are being used and have no water in them.
- Check spill kits to make sure they have enough spill pads available.

Fuel Management:

- Be sure to follow the correct procedures when refueling trucks.

Wildlife Management:

- Watch for wildlife prints in the fresh snow.

Social, Cultural, Archaeological or Spiritual:

- Be alert and always watch for chance finds while out in the field.

Photos:



Photo 1: Hydro Peroxide



Photo 2: Oxygen



Photo 3: Site Inspection with Compliance Enforcement Officers



Photo 4: Fresh Water Reservoir



Photo 5: Fresh Water Reservoir

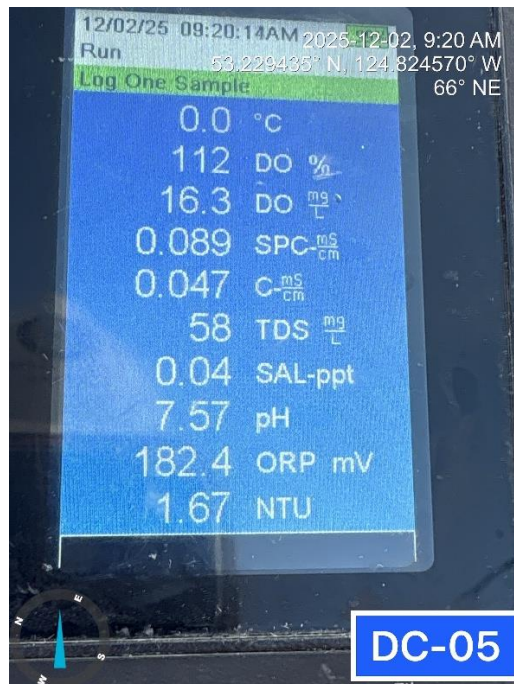


Photo 6: NTU Reading

Date: December 18, 2025



Distribution:	Environmental Monitoring Board
Author:	Linda Siwallace
Re:	Blackwater Gold Environmental Monitoring Report, 2025 Dec 18-Jan 1, 2026

Daily Activities

Date	Weather	Activity	Comment/follow up
December 18, 2025	-4° high to -6° low 16 km winds SW Gusts up to 30 km/h Snowing lightly	13 days of DWQ photos had to be renamed. DC-05 YSI reading, gage & TSS. Labeled the TSS for LS-WMP-D. Completed FWR monitoring and report. Fueled up truck #118.	First day back on site. Caribou Monitoring
December 19	-6.4° high to -15.9° low 4 km winds W Gusts up to 17 km/h Snowing	Clean up the Lab. Steven, Adam & I went to the Metals Treatment Plant (MTP) to complete 2 sets of water samples & 3 carboys. Shovel snow outside the office. Update all the trackers.	Caribou Monitoring
December 20	-11.2° high to -15.4° low 4 km winds E Gusts up to 0 km/h Snowing lightly	Transferred the SWS photos for: <ul style="list-style-type: none"> • DC-05 • 705-10 • DC-20 • DC-15 • FC-01 	Caribou Monitoring

		<ul style="list-style-type: none"> • DC-10 • 661-05 • DC-05 • 661-01 • TC-05 • TC-01 • 705-05 • 668-03 • 661-04 <p>DC-05 YSI reading, gage & TSS.</p> <p>Completed FWR monitoring and report.</p> <p>Fish fence inspection & YSI readings at 505 & 146 Creeks. Cleaned fish fences at both locations.</p> <p>Completed weekly site inspections:</p> <ul style="list-style-type: none"> • Frost Creek Laydown • Operations Camp • Construction Camp • Infrastructure Plant Site • Plant Site Fuel Bay • Infrastructure Laydown • Plant Site • The Village • Central Interior Frameworks (CIF) Laydown • Andrew's Hill Laydown • Andrew's Hill Fuel Bay • Finning. • Main Fuel Bay • Mobile Maintenance 	
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		<ul style="list-style-type: none"> • De-watering Laydown • Fuel Bay #3 • FTE Drilling <p>Completed weekly inspection reports for:</p> <ul style="list-style-type: none"> • FTE Drilling • Operations & Construction Camps • Mobile Maintenance • Infrastructure Laydown 	
December 21	-13.3° high to -18.8° low 6 km winds N Gusts up to 13 km/h Snowing lightly	<p>DC-05 YSI reading, gage & TSS.</p> <p>Completed FWR monitoring and report.</p> <p>Completed weekly inspection reports for:</p> <ul style="list-style-type: none"> • Fuel Bays • Infrastructure Laydown Plant Site. • The Village & CIF <p>Label bottle sets for:</p> <ul style="list-style-type: none"> • MTP-EFF-Test • MTP-INF <p>Then I went to Metal Treatment Plant and helped Shawn with gathering the sample. Then I wrote the time and date on the sets.</p> <p>Fueled up truck #125.</p> <p>Update all the trackers.</p>	<p>Caribou Monitoring</p> <p>Observed a coyote</p>
December 22	-16.1° high to -19.1° low 8 km winds N	<p>DC-05 YSI reading, gage & TSS.</p> <p>Update all the trackers.</p>	<p>Caribou Monitoring</p>

	Gusts up to 16 km/h Snowing lightly	<p>Label bottle sets for:</p> <ul style="list-style-type: none"> • MTP-EFF-Test • MTP-INF <p>Then I went to Metal Treatment Plant and helped Shawn with gathering the sample. Then I wrote the time and date on the sets.</p> <p>Label bottle sets for:</p> <ul style="list-style-type: none"> • FWR-DC-05 • WMP-D-DS-1 • WMP-D-DS-3 • WMP-D-DS-4 • WQ10 • TSF-Pond <p>Shoveled snow out of Truck #125 and put away the tools that were not needed.</p> <p>Work on my report daily.</p>	
December 23	-11.4° high to -21° low 5 km winds S Gusts up to 0 km/h	<p>Ethan & I went to DC-05 to collect an MDMER sample.</p> <p>Ethan & I went to check on the Partisol, and it was all good. Then we changed out the Radiello and added a duplicate sample.</p> <p>Update all the trackers.</p>	<p>Caribou Monitoring</p> <p>Observed a black fox</p>
December 24	-17.4° high to -20.3° low 6 km winds N Gusts up to 11 km/h	<p>Update all trackers.</p> <p>DC-05 YSI reading, gage & TSS.</p> <p>Adam and I went to IECD to set up the cannon for the birds. Assisted Adam troubleshooting bird deterrent cannon at IECD.</p>	<p>Caribou Monitoring</p>

December 25	-12.4° high to -18.7° low 4 km winds S Gusts up to 6 km/h	Update all trackers. Participated in gift exchange. Work on my report.	Caribou Monitoring
December 26	-16.2° high to -20.1° low 6 km winds N Gusts up to 17 km/h	Label bottle sets for: <ul style="list-style-type: none"> • CC-03 • 661-10 • 661-03 • CC-03 Dup • FB3-WS • TB3-WS DC-05 YSI reading, gage & TSS. We also went to FWR to complete the monitoring for this site. Marco & I completed fish fence inspection at Ck #505 and Ck #146. Then we went to do verification at GT25-20 CTD. Checked out to see if the Partisol is ok for sampling tonight. Picked up 12 jugs of water for the office. Filled out the form for 2025-year end performance review. We went to IECD to make sure the cannon for the birds was working. It is working fine now.	Caribou Monitoring Observed moose tracks at Creek 505.
December 27	-15.1° high to -24.9° low	Label bottle sets for:	Caribou Monitoring

	6 km winds S	<ul style="list-style-type: none"> • CC-40 • CC-20 • CC-15 <p>Completed weekly site inspections:</p> <ul style="list-style-type: none"> • Mobile Maintenance • A-Trail Fuel Bay • Fuel Bay # 3 • Andrew's Hill Fuel Bay • Finning • Plant Site Fuel Bay • Construction Camp <p>Label bottle sets for:</p> <ul style="list-style-type: none"> • MTP-EFF-Test • MTP-INF <p>Marco completed a flow at DC-05.</p> <p>Fueled up truck #129.</p>	Observed a red fox on A-Trail.
December 28	-2.6° high to -13.4° low 12 km winds S Gusts up to 34 km/h	<p>DC-05 YSI reading, gage & TSS.</p> <p>Completed FWR monitoring and report.</p> <p>Update all trackers.</p> <p>Completed weekly inspection reports for:</p> <ul style="list-style-type: none"> • Mobile Maintenance • Fuel Bays • Finning • Construction Camp <p>I went to Metal Treatment plant to help Shawn do the samples for:</p> <ul style="list-style-type: none"> • MTP-EFF-Test 	Caribou Monitoring

		<ul style="list-style-type: none"> • MTP-INF <p>Then I wrote the time and date on the sets.</p> <p>Fueled up truck #118.</p>	
December 29	-0.5° high to 3.9° low 9 km winds S Gusts up to 20km/h	<p>Transferred the SWS photos for:</p> <ul style="list-style-type: none"> • 661-10 • 661-03 • CC-03 • CC-15 <p>Clean Lab.</p> <p>Adam & I went to all the facilities with waterbody cameras:</p> <ul style="list-style-type: none"> • LGO- FWB09 • FWB10. • CWTP -FWB07 • FWB08 • WMP-FWB02 • FWB01A. • WMP- Game camera. • IECD-FWB06 • FWB03. <p>Exchanged SD cards and checked batteries.</p> <p>Update all trackers.</p>	<p>Caribou Monitoring</p> <p>Made phone contact with CJ regarding drinking water signs.</p>

December 30	0° high to 3.9° low 9 km winds S Gusts up to 7 km/h	Hand in truck sheets. DC-05 YSI reading, gage & TSS. Completed FWR monitoring and report. Update all trackers Checked bird cannon at IECD sump. Fueled up truck #125. Put away incoming supplies. Cleaned out the refrigerator.	Caribou Monitoring Observed an American Dipper at DC-05. Noted multiple coyote and fox tracks.
December 31	-0.4° high to -4° low 6 km winds S	DC-05 YSI reading, gage & TSS. Completed FWR monitoring. Quain & I completed fish fence inspection at Ck #505 and Ck #146. Update all trackers. Hand in take 5's. Put up two no drinking water signs at the TSF.	Caribou Monitoring
January 1, 2026	-1.9° high to -4.9° low 3-4 km winds ESE Snowing	DC-05 YSI reading, gage & TSS. Completed FWR monitoring and report.	Travel Day

General Activities:

- Attend daily toolbox meetings at 6:15 to review the toolbox topic of the day and plan our daily tasks
- Be sure to complete your Take 5 daily before you begin your tasks.
- Complete stretch and flex by watching u-tube videos after morning meetings.

- Keep the Lab clean and sanitary.
- Prepare bottle sets for surface water samples.
- Update DWQ, FWR, Caribou, and SWS trackers daily.

Environmental Monitoring activities

- Monitor the Fresh Water Reservoir daily and take photos for the report.
- Complete weekly site inspections to make sure that there are no non-compliant.

Water Management:

- Complete water samples at Metals Treatment Plant.
- Complete daily water quality samples.
- Install and activate the bird deterrent cannon at the IECD sump.

Waste Management:

- Weekly site inspections to make sure waste is put into correct bins.
- Make sure all bins have labels. This helps keep waste properly separated.

Spills and Incidents:

- Conduct weekly site inspections to ensure compliance and check for any signs of hydrocarbon spills.
- Make sure spill trays are being used and have no water in them.

Fuel Management:

- Use all required PPE when fueling the trucks. Use spill tray.
- Ensure all jerry cans are stored within appropriate secondary containment.

Wildlife Management:

- Report all wildlife sightings through the QR code.

Social, Cultural, Archaeological or Spiritual:

- Read the land acknowledgement before each morning meeting.

Photos:



Photo 1: Above the Pit

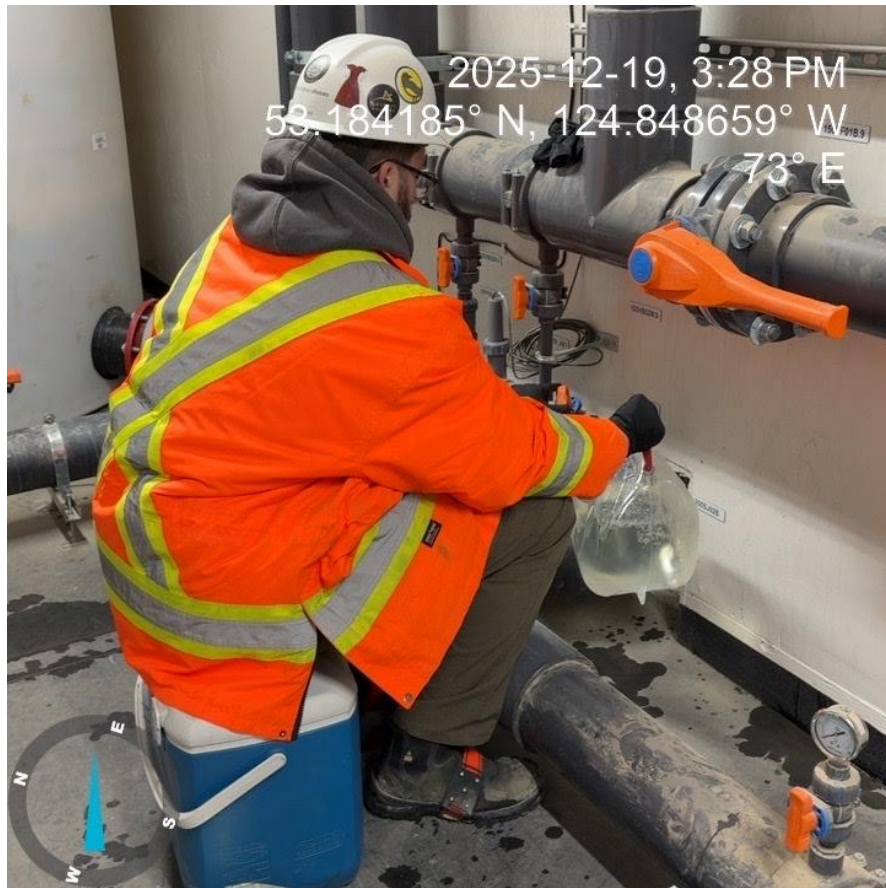


Photo 2: Collecting a Carboy Sample at the Metal Treatment Plant



Photo 3: Wildlife Crossing Sign on Site



Photos 4 & 5: New Dorms Being Constructed



Photo 6: Matthew Creek Hydrology



Photo 7: Matthew Creek Hydrology



Photo 8: Weekly Site Inspection Mobile Maintenance



Photo 9: New Fuel Bay at 15.5 Km

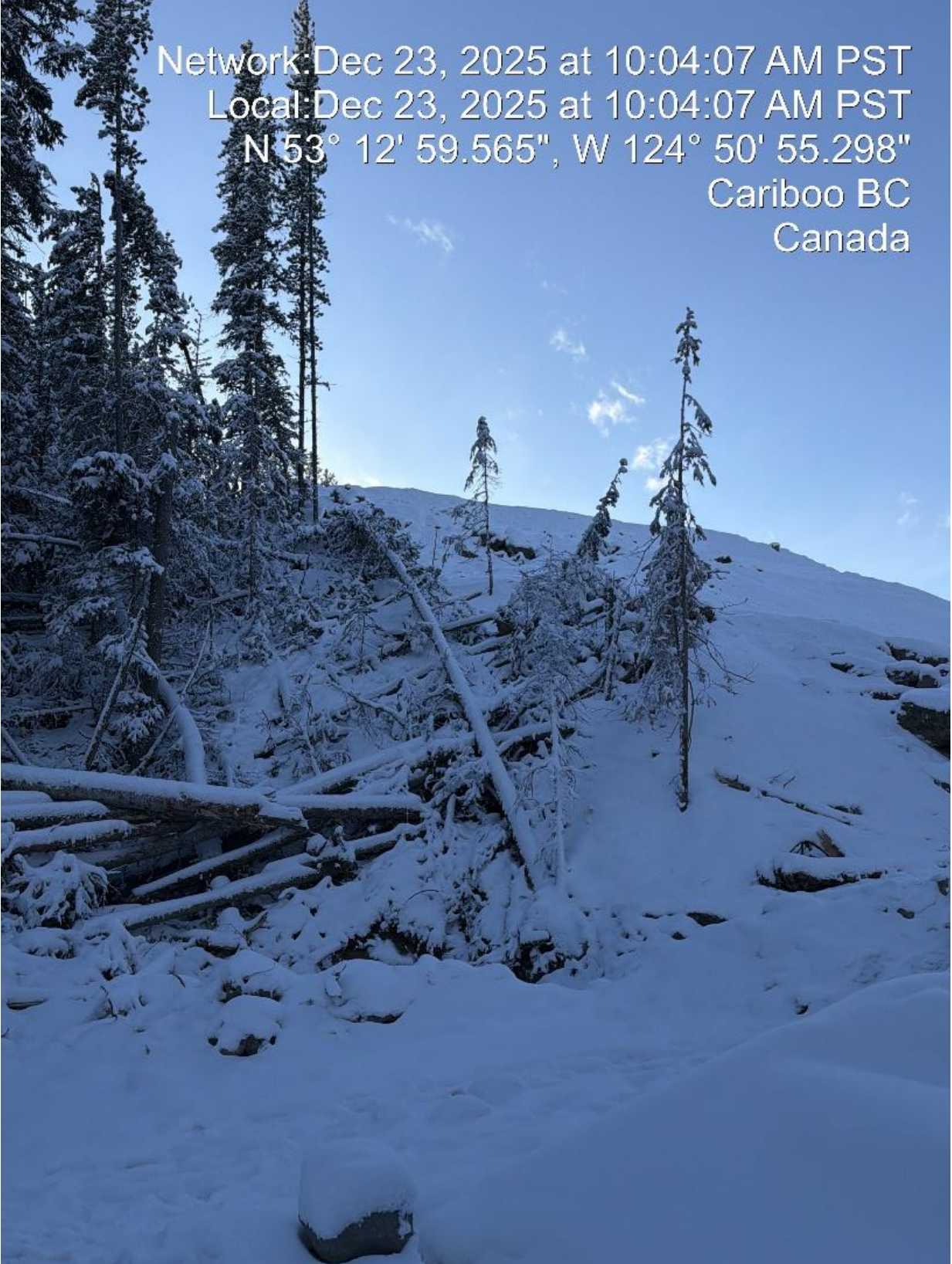
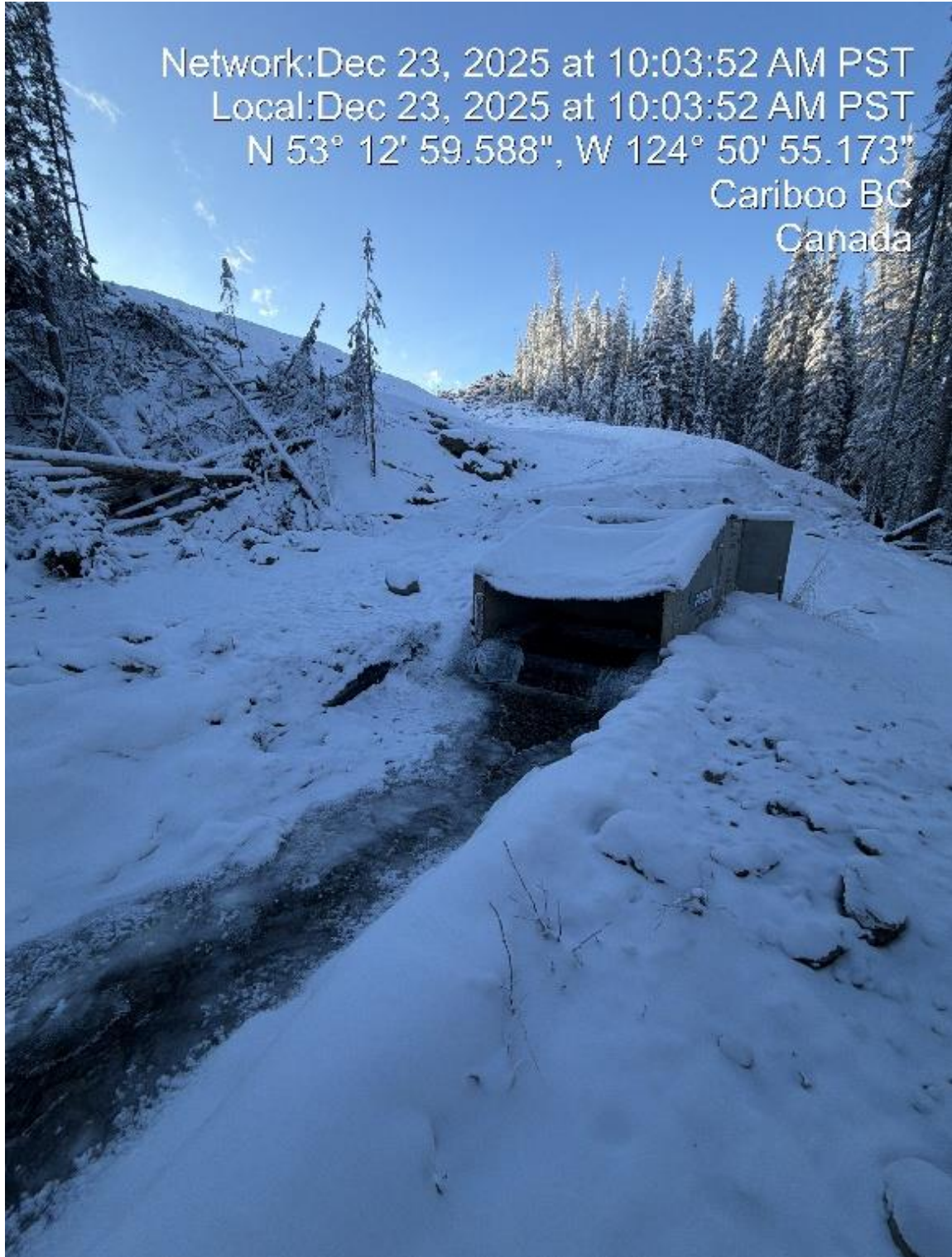


Photo 10: Slide Area at WMP-D



Network:Dec 23, 2025 at 10:03:52 AM PST
Local:Dec 23, 2025 at 10:03:52 AM PST
N 53° 12' 59.588", W 124° 50' 55.173"
Cariboo BC
Canada

Photos 11: Slide location at WMP-D

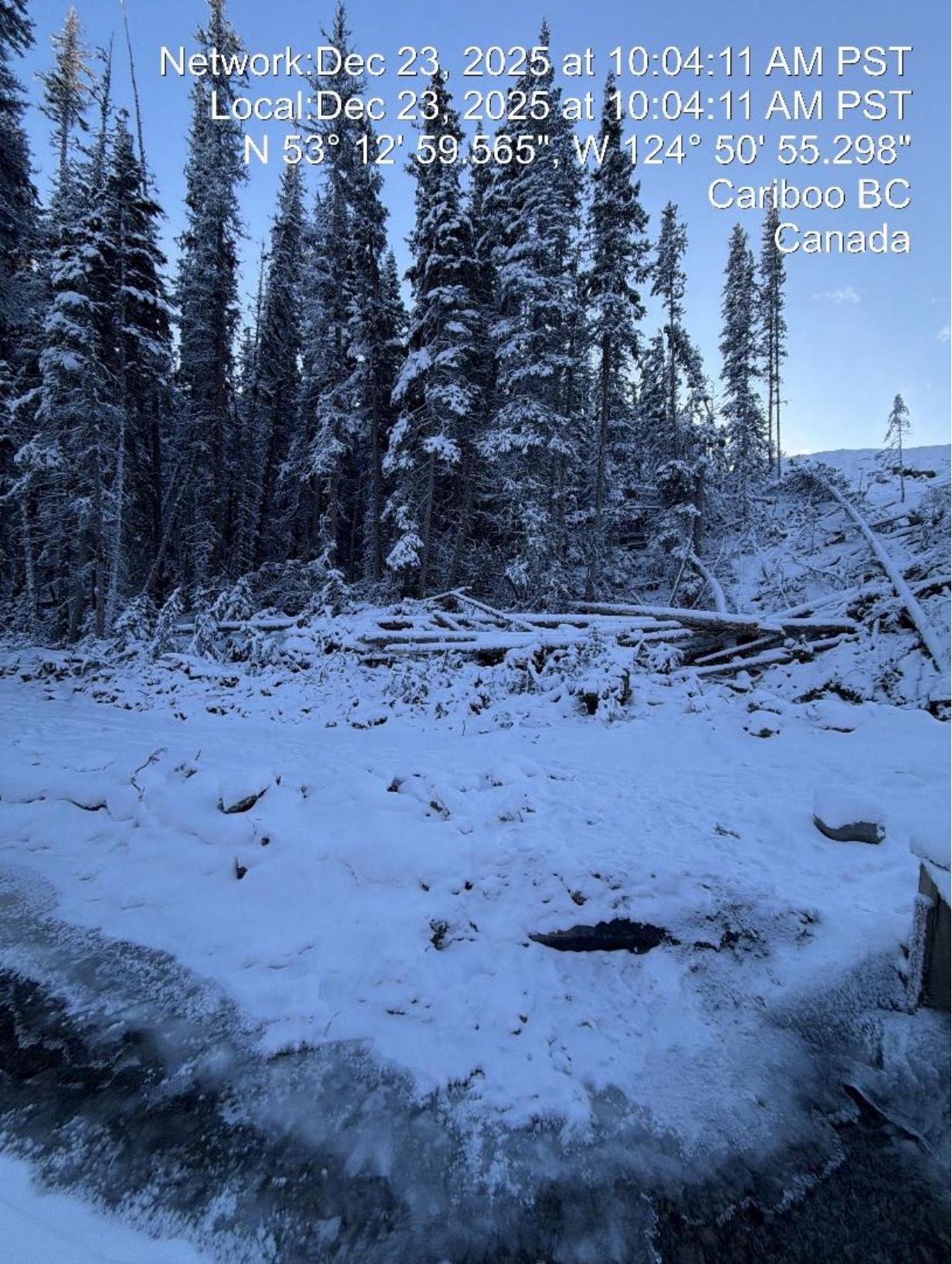


Photo 12: Slide Area at WMP-D

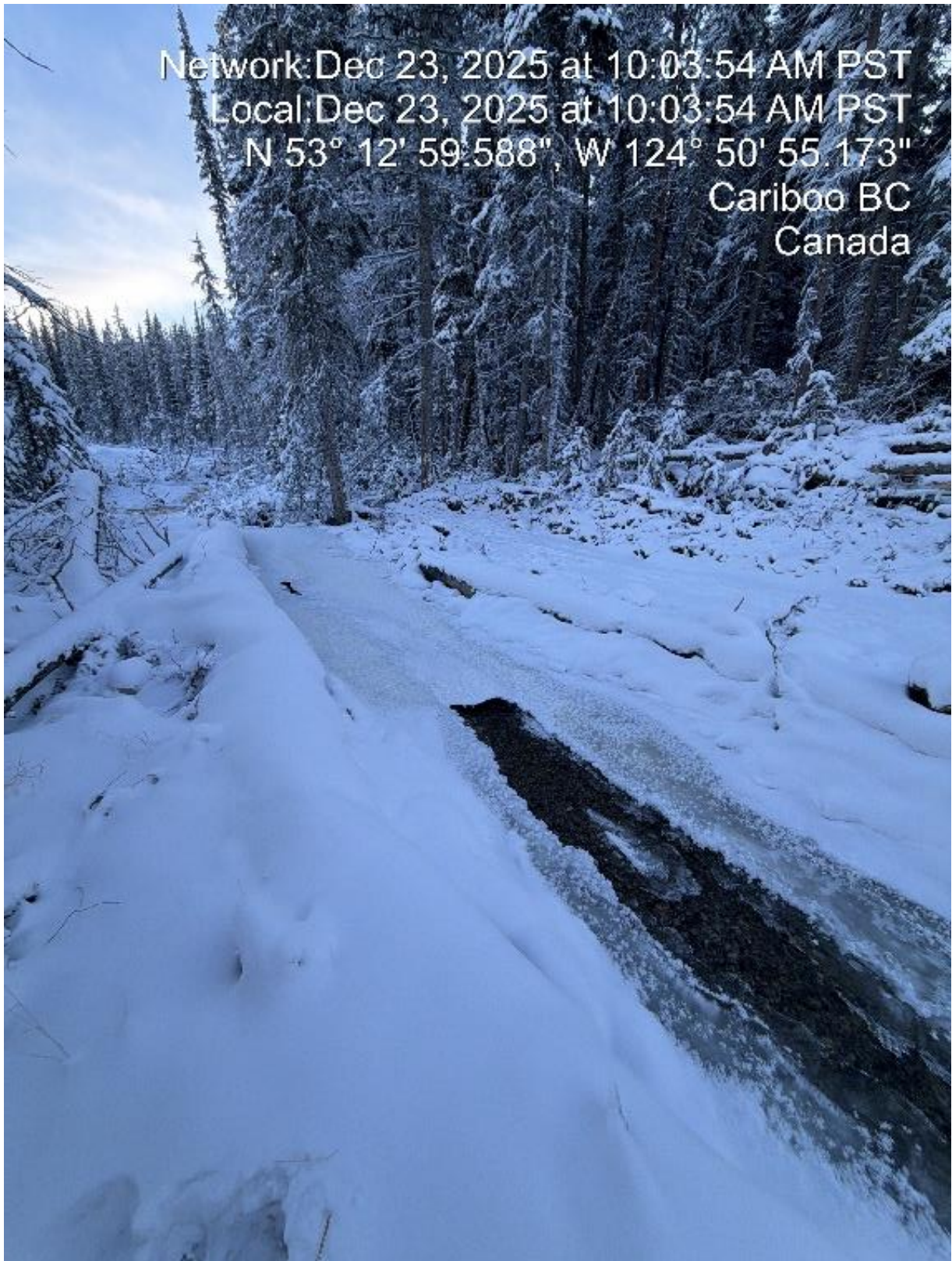


Photo 13: Slide Location at WMP-D



Photos 14 & 15: Pump House Station at Fresh Water Reservoir



Photo 16: Excavator Loading a Sand Truck



Photo 17: Partisol and Radiello Station



Photo 18 & 19: Creek 505 Fish Fence

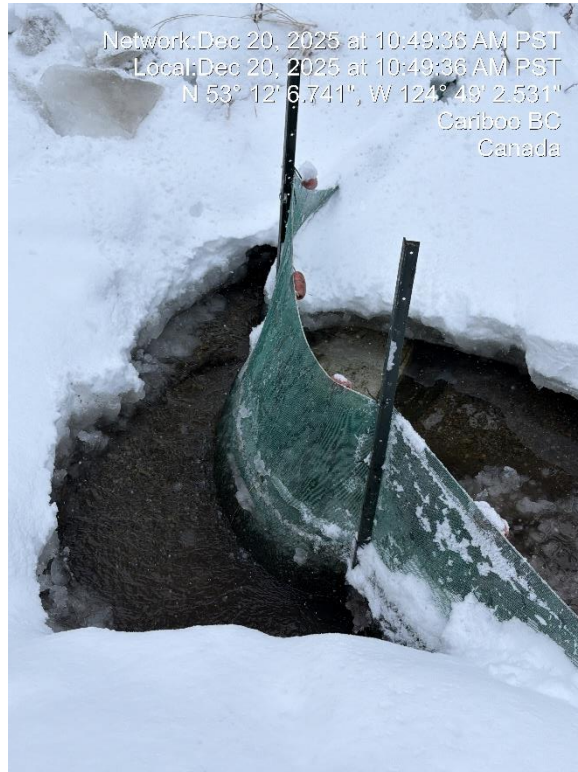


Photo 20 & 21: Creek 146 Fish Fence



Photo 22: The Metals Treatment Plant



Photo 23: The Plant "Merry Christmas"



2025-12-26, 8:40 AM
53.191377° N, 124.874007° W
297° NW

Photo 24: Heading out into the field to do hydrology and SWS



2025-12-26, 10:10 AM
53.226833° N, 124.827042° W
158° S

Photo 25: Two excavators clearing ice from the diversion channel



Photo 26: Drop Structure at Creek 505



Photo 27: Moose tracks in the snow at Creek 505



Photo 28: CIF cement waste was disposed of in a lined sump with a protective berm, confirmed for compliance. The material will be transferred to the tailings facility once the sump reaches capacity.



Photo 29: YSI Reading at Creek 505



Photo 30: YSI Reading at Creek 146



Photo 31: GT25-20 CTD Verification



Photo 32: Crew working on the Diversion Channel.



Photo 33: Construction of the Pump House



Photo 34: Construction of the Pump House



Photo 35: Checking the wildlife camera



Photo 36: Pump House at FWR



Photo 37: Owl to Scare the Birds



Photo 38: Putting up no Drinking Water Sign

Report Month: May	Environmental Monitor: Brittani Sterling Indigenous Community: Nadleh Whut'en
Documents Reviewed:	Environmental management plans <ul style="list-style-type: none"> - Country food monitoring plan - Aboriginal group monitor and monitoring plan - Davidson creek, Creek 661 and Chedakuz creek - Blackwater fish salvage plan SOPs <ul style="list-style-type: none"> - SOP 01: Spill Response & Reporting - SOP 02: Sediment Control and Erosion Monitoring - SOP 05: Waste Management - SOP 15: Surface Water Sampling - SOP 27: Fugitive Dust Management - SOP 33: Bear Awareness Program - Bear Spray Training - SOP 42: Water Quality Meter Operation
Training:	Bear Deterrent ILT Cyanide Safety Level 1 Site Driving (Green zone) Evaluation Site Driving (Green zone) ILT Site Orientation ILT Construction Environmental Management Plan Best Management Practices for Preventing Invasive Species Spread

	Surface Erosion Prevention and Sediment Control Plan
	Archeological and Cultural Heritage Resource Management Plan
	Fair Treatment Policy
	Fuel Management and Spill Control Plan
	Archaeological and Cultural Heritage Chance Find Procedure
	Atmospheric Disturbance, Lightning, and Storm Procedure
	Insider Trading Policy
	Whistle Blower Policy
	Corporate Disclosure Policy
	Performance Management and Discipline Policy
	Spill Response & Reporting Procedure
	Emergency Activation Procedure
	Traffic Management Plan (TMP)
	Hours of Work Policy
	Leave Policy
	Code of Conduct Policy
	Personal Protective Equipment Standard
	Working or Travelling Alone or in Isolation Procedure

	<p>Fitness for Duty Policy</p> <p>Driver License (Class 1, 2 or 4)</p> <p>Respectful Workplace Policy</p> <p>Mobile Devices Policy</p> <p>Camp Rules Policy</p> <p>Dayforce Hourly Employee eLearning</p> <p>Fatigue Management eLearning</p> <p>Fire Extinguisher eLearning</p> <p>Noise and Hearing Conservation Awareness eLearning</p> <p>Take 5 eLearning</p> <p>Workplace Hazardous Material Information System (WHIMIS) eLearning</p>
<p>Participation in Compliance Inspections:</p>	<p><i>NFN tour 03/06/25</i></p>
<p>Construction Activities:</p>	<p><i>Replaced a culvert on 9.5 km on c-trail. Also removed bridge and put a dirt road instead for wiggle wagon to drive on</i></p>

Other Comments:

Please note if there are any sensitive timelines (e.g., freshet, harvesting, etc.)

First Site Observed

Location:

Transmission Line

YDWL Waterbody Classification (if applicable):

Class I

e.g., work focused on identification and installation of flagging near watercourses to delineate features identified to be protected.

Please note if there are any sensitive timelines (e.g., freshet, harvesting, etc.)

If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded

Routine transmission line inspection (water quality)



Downstream turbidity test at Nechako river

LaMotte turbidity test

 <p>May 25, 2025 11:14:13 a.m. 10U 377697 5960554 218° SW Altitude: 817.4m Targe Creek P#93-94 Downstream</p>	 <p>May 25, 2025 2:28:22 p.m. 10U 379644 5951028 217° SW Altitude: 692.7m Nechako River P#238-239 Downstream</p>
<p><i>Upstream sampling site at Targe Creek</i></p>	<p><i>View from downstream location looking upstream of Nechako River</i></p>

Second Site Observed	
<p>Location: Tatelkuz Lake</p>	<p>YDWL Waterbody Classification (if applicable): <i>Class I</i></p>
<p><i>e.g., work focused on identification and installation of flagging near watercourses to delineate features identified to be protected.</i></p> <p><i>Please note if there are any sensitive timelines (e.g., freshet, harvesting, etc.)</i></p>	

If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded

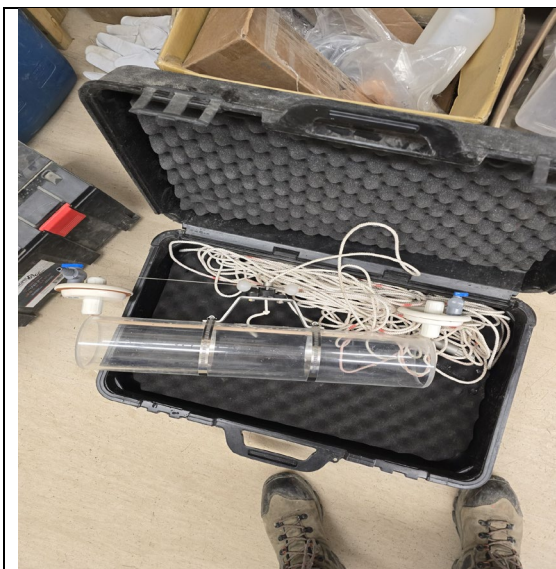
Water quality sample every month. Shallow, mid and deep sections



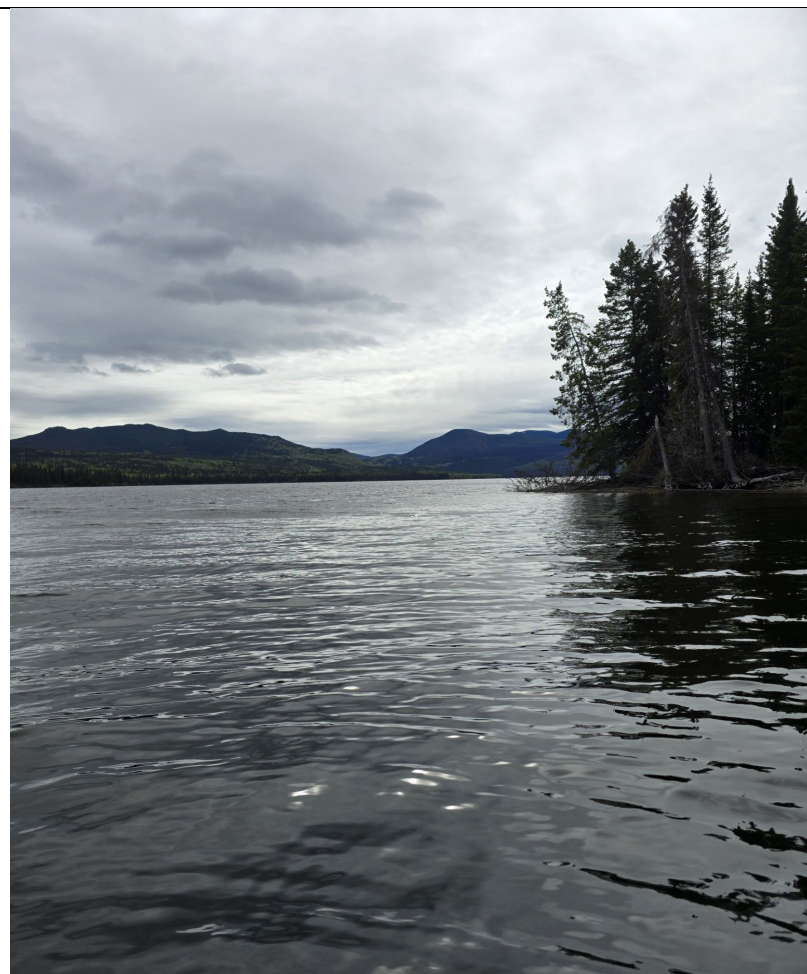
YSI sample shallow, mid and deep



Sampling area on the Tatelkuz Lake



Wildco instrument, core sampling. This is what we use to take a shallow, mid and deep-water sample



Second sampling site

Third Site Observed

Location:

Tatelkuz Lake Ranch

YDWL Waterbody Classification (if applicable):

Class I

Triton is collecting the scale samples, they send it out to a different company / lab where they are aged, and triton will get the results back for their report



Fish fence and trap box at DC-08 its going up stream. Fish go into the trap box, we catch them to tag, measure and scale sampling for aging



Measuring rainbow trout to see if we can pit tag them. They must be at least spawning age or bigger





Scale sampling to verify age of the fish. Must be at least spawning age or older



Pit tagging a spawning rainbow trout. This helps us make sure we don't recount the fish that went upstream to spawn. Also to keep track of returning fish

Report Month: June	Environmental Monitor: Brittani Sterling Indigenous Community: Nadleh Whut'en
Documents Reviewed:	
Training:	Wilderness Survival workshop
Participation in Compliance Inspections:	Summary of findings, if applicable
Construction Activities:	List type of construction and location (e.g., clearing and grubbing, utility installation, building construction, etc.)
Other Comments:	Please note if there are any sensitive timelines (e.g., freshet, harvesting, etc.)

First Site Observed	
Location: Transmission Line (Big Bend Creek)	YDWL Waterbody Classification (if applicable): Class I
e.g., work focused on identification and installation of flagging near watercourses to delineate features identified to be protected.	
Please note if there are any sensitive timelines (e.g., freshet, harvesting, etc.)	
If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded	
Routine transmission line inspection (water quality)	
	
Big Bend Creek #1 above the Transmission line looking downstream	Big Bend Creek #2 below the Transmission line looking downstream



Big Bend Creek #3 above the Transmission line looking downstream

YSI measurements on the 3rd site on Big Bend Creek


Second Site Observed

Location: Blackwater Gold Mine	YDWL Waterbody Classification (if applicable): Provide classification if work is being conducted in/around a waterbody
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Ungulate Pellet Survey. The pellet count program is designed as a Before-After, Control-Impact (BCAI) study

If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded



Moose Summer Pellets	One of the surveying sites in Blackwater Mine. Surveying team should walk out 10m from the starting point, walk clockwise or counterclockwise from the center to locate the nearest pellet grouping or summer deposit (Arrow is pointed at starting point)
	
Cow and calf near one of our surveying sites outside of the mine	Description of photo

Third Site Observed	
Location: Blackwater Gold Mine	YDWL Waterbody Classification (if applicable): <i>Provide classification if work is being conducted in/around a waterbody</i>
General Comments on Work Conducted:	<i>We captured and relocated some tadpoles that we found in a puddle near U-dorm on site</i>
Observations or Concerns:	<i>If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded</i>
Follow-up Actions Required:	<i>Mitigation or management measures that need to be implemented</i>



Doing our best to catch as many tadpoles as possible we can see and reach

Day 1 of catching some tadpoles



Day 2 of catching tadpoles, we added a pump to help us catch the rest of them

New location for the tadpoles we captured

Wilderness Survival Workshop

Location:
Blackwater Gold Mine

General Comments on Work Conducted: This was the Wilderness Survival Workshop the entire Environment team took. We had to individually start a fire and make our own shelter

Observations or Concerns: *If working in/around a waterbody and conducting water quality sampling, indicate whether YDWL targets or alert levels have been exceeded or suspect to be exceeded*

**Follow-up Actions
Required:**

Mitigation or management measures that need to be implemented



Hypothermia wrap method to keep the person insulated to help retain body heat and prevent further heat loss

We had to start a fire with a method we have never tried to boil some water



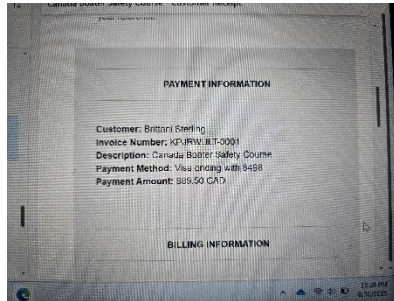
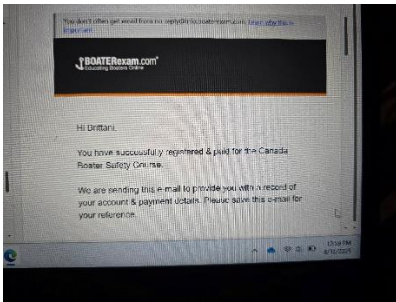
We had to individually make our own shelter

We had to start a fire with a method we have never tried to boil some water (one of my coworkers starting his own fire)

July – December tasks 2025

July 18 – 31 2025

- Online course: Invasive Species; Introduction to Invasive Species Online Training
- Online Course: Canada Boating License



This month my injury hurt a lot. I was limited to what I can do

August 14 – 20 2025

- Review Environmental Management Plans
- Air quality and Dust management plan
- Noise and vibration management plan
- Online course: Started Wildlife survey field methods, payment didn't go through. Stopped doing course

This month I had a bad allergic reaction on my arm from tape. I was limited on how much I can use my right hand

September 11 – 25 2025

Review Blackwater goldmine public plans and reports

- End Land use
- Reclamation and Closure plan
- Metal Leaching and Acid Rock Drainage Management plan
- Chemicals Storage and Handling Plan

This month I was still sore from my allergic reaction. I was having migraine's, my neck started to hurt

October 9 – 23 2025

- Mine Emergency Response Plan
- Cyanide Management Plan

My neck and head started to hurt a lot more this month. I read this Management plan as much as I could this month

November 6 – 20 2025

- Construction Environmental Management Plan

I only read this. My head, neck, back and arm started to hurt a lot more. I only had time to read this, due to my bad migraine's.

December 4 – 18 2025

- Archaeological and Cultural Heritage Resources Plan
- Cultural and Spiritual Resources Management Plan (almost done reading this, started reading the plan Justin sent me)
- Fuel Management and Spill Control
- CFSEC Annual Monitoring Report (almost done reading)