



ANNUAL GENERAL MEETING

NOVEMBER 21ST 2023

THE BOARD

NO CHANGE IN DIRECTORS

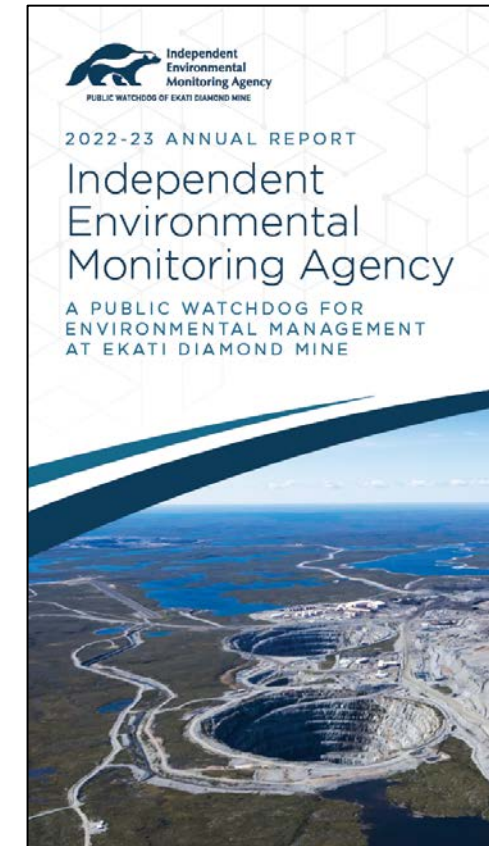
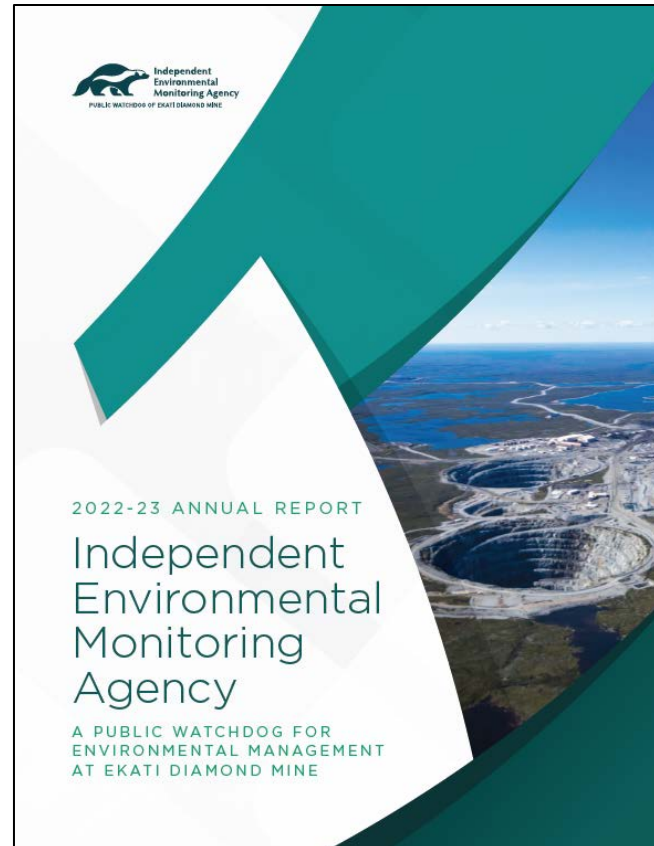
ONE VACANCY

NO STAFF CHANGES



Bill Slater, Marc Casas, Ron Allen, Kim Poole, Jesse Jasper,
Tim Byers, Emery Paquin and Jamie Mistry

ANNUAL REPORT





ACTIVITIES & EXPLORATION



SITE VISIT 2022

- Continued ore production from Sable Pit and Misery underground
- Pigeon Pit mining stopped in April 2022
- Point Lake dewatering started in June 2022



ARCTIC HARE

WILDLIFE EFFECTS

- The 2021 Wildlife Effects Monitoring Program documents wildlife presence and Arctic Canadian's management responses
- Arctic Canadian should combine datasets to better understand caribou distribution and monitoring techniques

AQUATIC EFFECTS



WATER QUALITY
SAMPLING

- Aquatic Effects Monitoring Program (AEMP) monitors and reports changes to the downstream aquatic environment from the mine
- Notable events during the year:
 - Changes in water quality in Ulu Lake
 - 3 water quality exceedances (chloride, potassium and nitrite/nitrate)
- Arctic Canadian is looking into a 2018 mercury exceedance in fish in Kodiak Lake



LAND TRAIN DRIVING
ALONG SABLE HAUL
ROAD

AIR QUALITY

- Air Quality Monitoring Program continued in 2022-23
- Includes monitoring of meteorological conditions (temperature, wind and precipitation), air emissions and dustfall
- Ambient air quality was good with no exceedances
- Very high dust levels observed near the main haul roads
- The AQMMP should also be updated to reflect best practices

WASTE ROCK MANAGEMENT



WASTE ROCK PILE AND
OVERBURDEN STOCKPILE

- Updates to geochemical testing methods to predict long-term effects of acid rock drainage and metal leaching
- Point Lake WRSA Design Plan and Seepage Prediction Report was not approved by the WLWB
- No scans for Seeps of Potential Concern

WASTEWATER & PK MANAGEMENT



LONG LAKE
CONTAINMENT FACILITY

- Arctic Canadian discharged from two locations:
 - TRSP (from Sable Pit)
 - Point Lake (for dewatering)
- Point Lake dewatering resulted in 3 exceedances for TSS
- Arctic Canadian's Water Licence Renewal Application:
 - Request to use water from Upper Exeter Lake
 - Classification of Dam structures within the LLCF

CLOSURE AND RECLAMATION



KOALA OPEN PIT

- Submission of the Closure and Reclamation Plan (v3.1) was delayed
- No significant progressive reclamation activities were completed
- Fox and Pigeon back flooding plans submitted
- Updates to the Old Camp Closure Plan are required
- GNWT requested a review for Ekati's financial security
 - Pending cost and maintenance for the winter road

TK & COMMUNITY ENGAGEMENT



WILD BERRIES

- Arctic Canadian worked with Elders to address concerns with the design and placement of the Point Lake WRSA & overburden pile
- Community members assisted with the fish-out program of Point Lake



AGENCY RECOMMENDATIONS TO ARCTIC CANADIAN



AIR QUALITY (2)

- Use of dust suppressants on active haul roads (other than water)
- Update AQMMP to follow best practices outlined in GNWT's new guideline



CLOSURE & RECLAMATION (2)

- Many components of the closure plan should be advanced with a focus on area that are no longer active
- Old Camp closure and reclamation plan should be revised



WASTEWATER MANAGEMENT (2)

- Management of tailings dams (LLCF) should follow current best practices
- OMS Manuals for the King Pond Settling Facility should be updated prior to storing water from Point Lake dewatering



AGENCY RECOMMENDATIONS TO GNWT



INSPECTIONS

- The frequency of on site permit and water licence inspections should return to pre-COVID levels

ASSESSMENT OF REGULATORS

GNWT: Lands



- Water licence and permit inspections were reduced
- Communications regarding the Point Lake dewatering could be improved

GNWT: Water Management and Monitoring



- Continued participation in major reviews
- Request for site wide security update was a positive & proactive step

GNWT: Wildlife and Fish



- Proactive communication regarding WMMP renewal expectations
- Active participant during telemetry study discussions

ASSESSMENT OF REGULATORS

FISHERIES AND OCEANS CANADA



- Increased involvement during regulatory reviews
- Point Lake fish-out was completed, however there was little transparency with for the process and results.

ENVIRONMENT AND CLIMATE CHANGE CANADA



- Participated in regulatory reviews

WÈK'EEZHÌ LAND AND WATER BOARD



- Ensured timely reviews of reports and monitoring programs

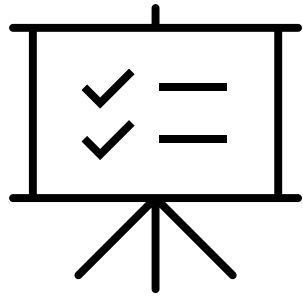
ASSESSMENT OF ARCTIC CANADIAN



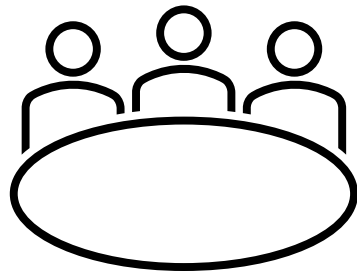
Compliance with water licence and permits:

- Agency notes increased trend of extension requests, lack of detail and errors within reports
- Point Lake Dewatering Plan
- Closure Planning
- Water Licence Renewal Application
- Caribou Telemetry Analysis and WEMP

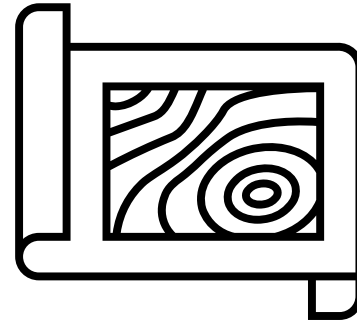
AGENCY ACTIVITIES



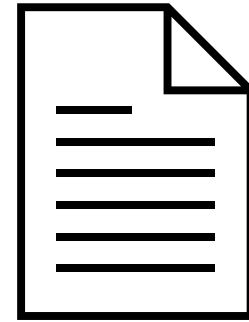
PROJECT-SPECIFIC
WORKSHOPS



BOARD
MEETINGS + SITE
VISIT



SITE MODEL
UPDATES



DOCUMENT
REVIEWS



THANK YOU

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