



Denison Closed Mines Community Newsletter

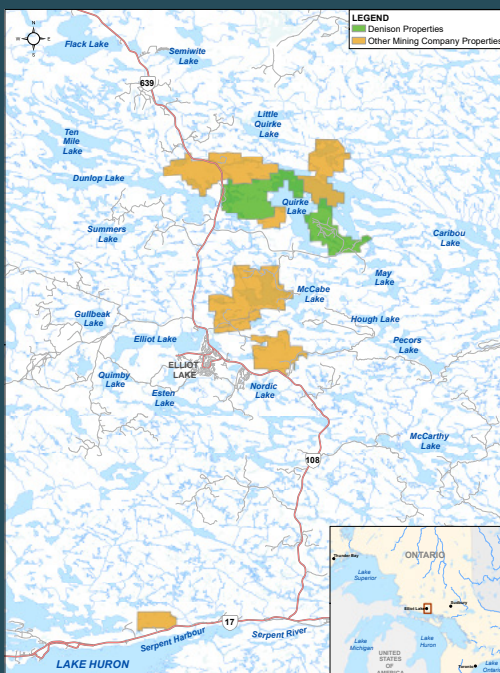
2023 Annual Update – Elliot Lake

This year, Denison commemorates its 70th year of uranium mining, exploration, and development. In our recent Open Letter to the Community of Elliot Lake, we reflected on the Company’s long and rich history of uranium mining in the Elliot Lake region of northern Ontario.

The Denison archives indicate that the company first acquired properties that were prospective for uranium mining in 1954 and operated uranium mining and milling facilities from 1957 to 1992. As a result, Denison holds the distinction of being the longest continuous mining operation in the region – having processed an impressive 69 million tonnes of ore over the life of the operation.

Stay tuned for more information about the Company’s upcoming activities as we celebrate our 70th anniversary. Keep an eye out for updates, and join us in celebrating this special milestone.

Since the mid-1990s, our operations in Elliot Lake have been limited to the care and maintenance of our decommissioned mine sites. We are very proud of the fact that our Denison staff have a track record of safe operations and that our sites are often showcased to international visitors and others as an example of responsible remediation and monitoring. We are committed to the responsible management of our closed sites and to making positive contributions to the community.



In recognition of the loyalty, pride, and hard work of our local staff in the Elliot Lake region, we announced a community investment program in late 2023 and are pleased to report on recent donations that have been made or committed:

- St Joseph’s Foundation of Elliot Lake – current fundraiser is for the oncology department
- Elliot Lake Emergency Food Bank
- Elliot Lake Arts Club – support “Arts on the Trail” summer exhibit
- Maple Gate House for Women and Larry’s Place – homeless shelters run by Maple Gate House for Women



Bakakwehngenda (Rooster Rock) from Quirke Lake.

Serpent River Watershed Health and Safety

Following the end of mining in the 1990s, Denison’s mining operations were decommissioned and transitioned into a stable state of care and maintenance. The left map highlights Denison’s “Stanrock” and “Denison” sites (shown in green).

The 2023 water quality monitoring program indicates that the tailings sites and the surrounding surface and groundwater are safe and stable. The water treatment plants are managing water quality well, and the water released from the Denison and Stanrock sites continues to meet regulatory limits and quality standards. Water quality in Quirke Lake and further downstream in the Serpent River Watershed resembles water in areas where no mining activity occurred or water quality before mining.



The Facts:

(Former producing mines for Denison)

Stanrock Site:

- **Tailings:** 1 dry-cover tailings management area of 52 hectares
- **Current Operation:** 1 effluent (water) treatment plant
- **Past Operation:** uranium mining started in 1958 – ended in 1990

Denison Site:

- **Tailings:** 2 water-covered tailings management areas over 280 hectares
- **Current Operation:** 2 effluent (water) treatment plants
- **Past Operation:** uranium and yttrium mining started in 1957 – ended in 1992

📷 Left (top): Sampling water at final discharge location (Stanrock)
Left (bottom): Reclaimed tailings management area and dam

Looking Back 50 and 40 Years

1974 Safety Awards

6,000 ACCIDENT-FREE SHIFTS



Cliff Donohue's Beat 103 recently completed 6,000 accident-free shifts and received appropriate awards for their achievement. At the presentation were: (front row – left to right) R. Beaugard, R. Bolduc, J. Morissette, C. Donohue, P. Moulin and L. Brown. Back row – F. Sabourin, R. Schryer, R. Juuti, V. Prince, Y. St. Gelais, P. Doucet and A. Tocco.

1984 Training

At The Training Centre



Ten employees completed a *Heavy Duty Equipment Mechanic* intermediate course recently at the Company training centre. They were: G. Rochon, R. Yarkie, M.A. Perron, M. Paquette, C. McGilly, R. Gauvin, D. Tammi, D. Dechevigny, J. Pidgeon and J. McNama. Present to congratulate the group were J.P. Gagnon, Training Development Superintendent; P. Moreau, Manager Maintenance Services; M. Marting, Instructor and D.C. Berry, General Foreman.

In the Community

Spotlighting Employee Volunteer Efforts: Bringing Joy Across Borders

In line with our commitment to community, Denison Mines is proud to add our support to the volunteer efforts of our employees. Donna Fournier works in the role of Accounting Assistant on our Accounts Payable team and has been with Denison for over 15 years. In addition to her work at Denison, Donna generously gives her time to support Operation Christmas Child. This program aims to bring happiness and hope to children in regions affected by poverty, disaster, disease, and conflict. Operation Christmas Child involves assembling shoebox-sized boxes with gifts such as toys, school supplies, hygiene items, and more, tailored to specific age groups and genders. These boxes are then dispatched to children in need across over 170 countries; the boxes assembled in Canada go to destinations like El Salvador, the Philippines, Ecuador, Ukraine, and beyond.

Donna shares her inspiration about why this initiative brings special meaning to her: “It’s truly impactful to let these children know that someone, somewhere, is thinking about them and cares for their well-being. Operation Christmas Child provides a tangible way to reach out and make a difference in their lives.” Donna has been a driving force for this initiative and with help from her Elliot Lake coworkers, she has been sending boxes every year since 2018; sending 36 boxes in 2022 alone. Denison Mines is pleased to support Donna and the team’s efforts by covering the shipping costs for each box packed by our employees.

Donna’s commitment to keep giving comes from knowing that these donations have made a tangible impact on the lives of countless children as well as stories of how recipients cherish their gifts and the hope they symbolize.

Efforts to raise awareness about the initiative within the community are ongoing. Those interested in participating can contact Donna Fournier at dfournier@denisonmines.com or 705-849-7113 for information on how to get involved. Drop-off locations are available nationwide in the third week of November, or individuals can choose to pack a box online at Donate a Box (samaritanspurse.ca).



Regulatory Oversight

Staff from the Ontario Ministry of Environment, Conservation and Parks (MECP) toured the Denison and Stanrock sites in July 2023, and staff from the Canadian Nuclear Safety Commission (CNSC) visited the Denison and Stanrock sites in October 2023. These tours allowed Denison, MECP, and CNSC staff to discuss recent activities on the site and activities planned for future years, as well as share perspectives on best practices. The tour also introduced new regulatory staff to the physical sites. Formal inspections of the sites will take place in 2024.

Denison in Saskatchewan

In addition to its operations in Ontario, Denison is actively engaged in uranium exploration, development, and mining projects in the Athabasca Basin region of northern Saskatchewan. We recently announced the award of a contract to Wood Canada Limited to complete detailed design engineering for the In-Situ Recovery (“ISR”) mining project planned for Denison’s flagship Phoenix uranium deposit, and the planned 2025 re-start of mining at the Company’s 22.5% owned McClean Lake Joint venture.

For more information, visit our website denisonmines.com.

Good to Know!

Did you know that we have low-permeability dams at the Denison and Stanrock sites that require regular monitoring, maintenance, and inspections? We measure water levels throughout the year to ensure everything stays safe and compliant. Our team at Denison inspects these dams about 7-8 times each year, depending on how much snow there is, and we perform seasonal vegetation management.

Additionally, once a year, we bring in a third-party engineer, WSP Canada Inc. (formerly Golder Associates), to perform a thorough check called a Dam Safety Inspection (DSI). This is part of our ongoing effort to proactively care for our sites to ensure they remain safe and stable. The WSP engineer-of-record inspects the tailings management areas, reviews dam monitoring data, and advises us on any necessary maintenance.

The 2023 DSI inspection showed that the Denison and Stanrock sites remain in good condition.

The Data:

-  Ongoing regulatory compliance
-  ~ 250 water samples/year on Denison sites
-  895,559 total hours reached without a lost time injury by Denison employees, reflecting a high standard of safe operations for several years.
-  ~ 2,007 million litres of water treated in 2023
-  Quarterly treatment plant health and safety inspections
-  Annual culverts and shaft cap inspections
-  Biennial (every two years) power line inspections



Proceed with Caution

Access to the former Elliot Lake mine sites is restricted. Although some areas may look like nice walking trails, please remember that these are decommissioned sites that could present some industrial hazards. For your safety and that of our employees, please obey all signs and do not use the trails. The access to these paths is restricted to Denison's employees to allow them to perform their site monitoring activities.

Denison Elliot Lake Team Members

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