

Elliot Lake City Council

June 23, 2014

Rio Algom Limited
Denison Mines Inc.



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Introduction

- **Ian Ludgate**
 - Manager, Denison Mines Inc.
- **Debbie Berthelot**
 - Reclamation Manager, Rio Algom Limited

Overview

- **Denison Mines Inc. Activities**
- **Rio Algom Limited Activities**
- **Monitoring Program Review**

Denison Activities

- **CNSC Licence change from UMDL to WFOL**
- **Stanrock Licensed Area and Claim Boundary Adjustment**
- **Settling pond modification at Williams Lake Treatment Plant**



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CNSC Licence Changes

- Will be changing site licencing from two Uranium Mine Decommissioning Licences (UMDLs) to one Waste Facility Operating License (WFOL) for both Denison and Stanrock.
- Changed to reflect site conditions and simplify administration of sites.

Licensed Area and Claim Survey



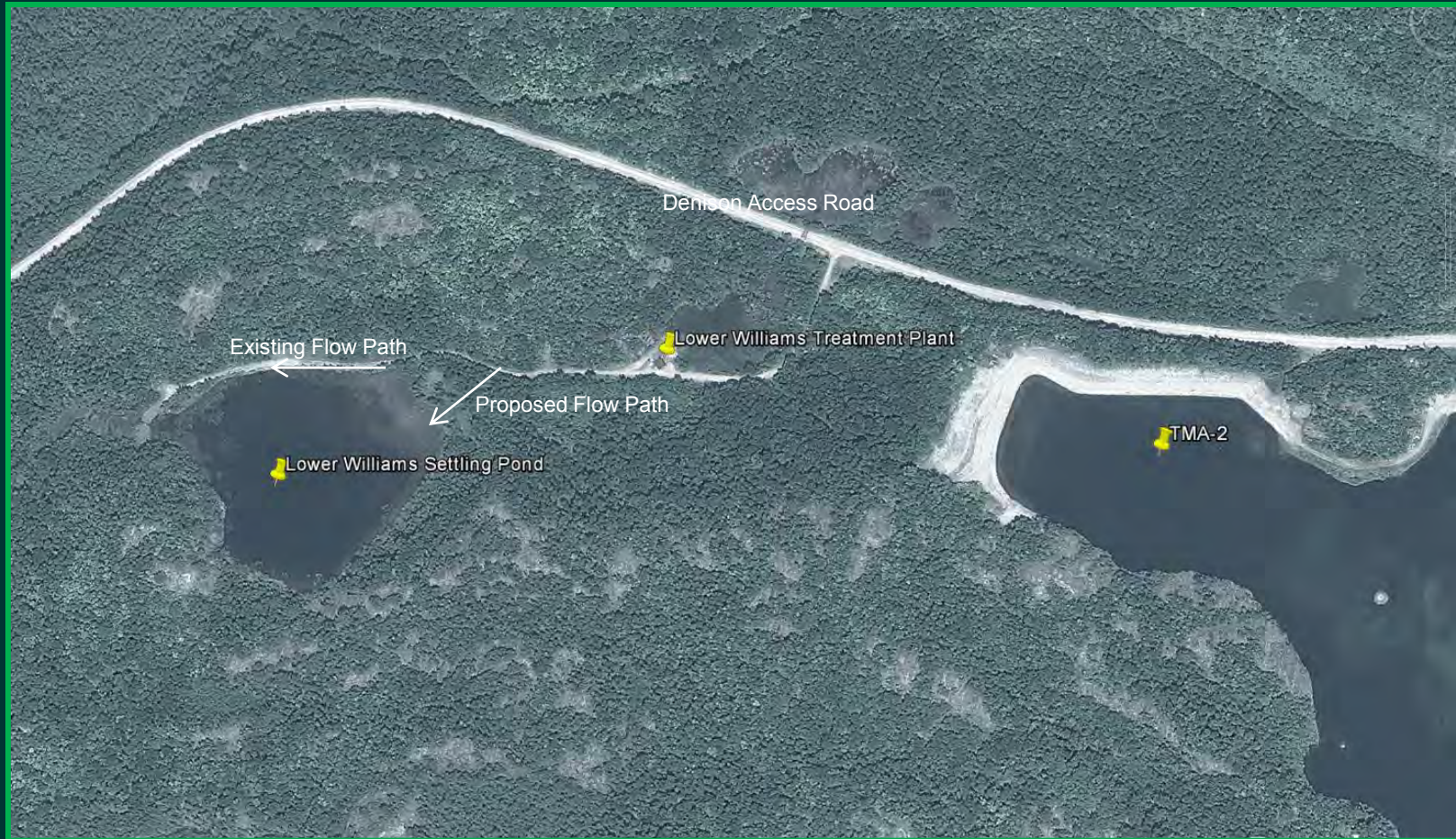
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Williams Lake Settling Pond Modifications

- Williams Lake ETP treats very small amount of water that leaves the Denison Site on the North West.
- Plan to move discharge location to allow better retention time in pond.

Williams Lake Settling Pond Modifications



Williams Lake Settling Pond Modifications



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- Sheriff Lake culvert maintenance
- Quirke treatment plant structural evaluation
- Regulatory initiatives



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Quirke Effluent Treatment Plant



Regulatory Initiatives

- **Canadian Nuclear Safety licence amendment**
 - Administrative change enable Designated Officer update of site operating documents
 - Change in major facility or use still require license amendment with hearing before the Commission
- **MOE Certificates of Approval**
 - Working with Ministry of Environment to update and establish Certificates of Approval
 - No change in operations or water quality released

Environmental Monitoring



- On-going water quality monitoring at 16 locations and environmental effects monitoring program conducted in 1999, 2004, 2009
- July 2011 Denison and Rio Algom issued the State of the Environment Report to regulators and stakeholders
- Cycle 4 program design submitted to regulators 6 Feb 2014 with next State of Environment report scheduled for late 2015

Cycle 4 Program

- Benthos and sediment sampling deferred from 2014 to 2019 based on low rate sediment deposition
- Cobalt water quality monitoring removed from watershed program but continued in source area programs
- Establish two types of background water body types – lakes and wetlands
- State of Environment report will be issued by end of 2015 that reviews performance of watershed and each tailings management area



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Communications

- International Atomic Energy Agency (IAEA) workshop and site tour hosted in Elliot Lake by CNSC 1st week of May.
- Public bus tours 24 and 26 June and 2 and 4 July – contact the Elliot Lake Welcome Centre (L.B. Pearson Civic Centre) to register at 848-2287 Ext 2406.
- Newsletter distributed to residents – additional copies available at Denison office 1 Horne Walk or Civic Centre



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Questions?



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