

# LAND USE INSPECTOR NOTIFICATION/REQUEST

## MV2007L8-0031 and MV2019X0007 - Giant Mine Remediation Project

To: Tatiana Leclerc-Beaulieu, DFO  
 Tim Morton, Land Use Inspector, CIRNAC  
 Devin Penney, Land Use Inspector, CIRNAC  
 Michael Roesch, Sr. Program Manager, CIRNAC  
 Kimberly Murray, MacKenzie Valley Land and Water Board

Date: September 18, 2023

CC: Priya Handa, Project Manager, Public Services and Procurement Canada (PSPC)  
 Brad Thompson, Regulatory Lead, PSPC  
 Jennifer Singbeil, Project Engineer, PSPC  
 Andrea Markey, Environmental Scientist, Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)  
 Candace DeCoste, Regulatory Manager, CIRNAC  
 Curtis Duffy, Project Lead, CIRNAC  
 Natalie Plato, Associate Director, CIRNAC

[FisheriesProtection@dfo-mpo.gc.ca](mailto:FisheriesProtection@dfo-mpo.gc.ca)  
 Reuben Makohoniuk, Doug Hayes, Les Dunkley, Wanda Sakura, Luc Normandin, Parsons Inc.

From: Sr. Environmental Regulatory Manager, Parsons Inc.

Subject: Urgent work to Removal of beaver dam on Baker Creek

<input checked="" type="checkbox"/> New Notification/Request	<input type="checkbox"/> Revision to previous Notification/Request dated:
<b>Activity Type</b>	
<input type="checkbox"/> Archaeological site discovery <input type="checkbox"/> Blasting activities <input type="checkbox"/> General notice of start of project for new work packages* <input type="checkbox"/> Ground disturbance or excavation activities <input type="checkbox"/> Letter of acceptance for off-site waste disposal, including wastewater <input type="checkbox"/> Non-compliance with Water Licence or Land Use Permit <input type="checkbox"/> Notification of a change to the design of work package activities <input type="checkbox"/> Notification of moderate to high action level exceedance – Air Quality Monitoring <input type="checkbox"/> Other:	<input type="checkbox"/> Notification of moderate to high action level exceedance – Aquatic Effects Monitoring Plan <input type="checkbox"/> Reportable spill <input type="checkbox"/> Temporary storage area approval <input type="checkbox"/> Use of heavy equipment <input type="checkbox"/> Vegetation clearing <input type="checkbox"/> Waste recovery and disposal activity <input checked="" type="checkbox"/> Working in water start date, trigger for Fisheries and Oceans Canada (DFO) notification <input checked="" type="checkbox"/> Working within 100 metres of the ordinary high-water mark

Parsons, on behalf of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), for the Giant Mine Remediation Project (GMRP) is notifying the Board and the Land Use Inspector of the following: In August 2022 it was discovered that a beaver dam had been constructed on Baker Creek just as it exits Baker Pond on the south end. A beaver lodge was also discovered further from the dam on Baker Pond (refer to the image below). In 2022 attempts were made to remove the beaver dam however due to steep and uneven terrain as well as higher water levels both manual and mechanical removal of the dam were only successful at removing approximately 50% of the dam. The very low water levels that currently exist onsite have provided access for further attempts to remove the remainder of the beaver dam. The following is additional information relating to the dam removal:

- Permits have been obtained from GNWT Environment and Climate Change (ECC) to dismantle the dam.
- Manual removal will be completed in a controlled manner per Fisheries and Oceans Canada's (DFO) Interim Code of Practice for Beaver Dam Removal.
- The dam was not rebuilt since 2022 and water levels are very low upstream and downstream the dam. There is connectivity on either side of the dam however water movement is very slow and nearly stagnant.
- Visual monitoring for TSS will be conducted during the manual removal.
- Ground protection will be used to prevent rutting near the banks of the creek.
- Since the dam is already open on one side there is very little chance for fish to become stranded in addition to the near stagnant conditions that exist currently.



#### Water Use

NA

### Fuel/Chemical Use and Storage

NA

### Waste Recovery and Disposal

Remnants of the dam will be placed to the side above the high-water mark to prevent runoff of mud into the creek. Attempts will be made to find a naturally bermed area for disposal.

### Erosion and Sediment Control

Ground control measures, such as rig mats, will be used to protect the banks.

### Restoration of Site

No vegetation removal is required; however, the ground protection will need to sit on the existing vegetation along the creek banks.

### Schedule

Manual removal will begin September 20, 2023,

### Site Plan

NA

### Site Contacts

PRIMARY SITE CONTACT:	Luc Normandin	CWP Manager	<a href="mailto:Luc.Normandin@parsons.com">Luc.Normandin@parsons.com</a>	867.688.3297
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