

LAND USE INSPECTOR NOTIFICATION/REQUEST

MV2007L8-0031 and MV2019X0007 - Giant Mine Remediation Project

To: Tim Morton, Land Use Inspector, CIRNAC
 Michael Roesch, Land Use Inspector, CIRNAC
 Beth Cowan, Mackenzie Valley Land and Water Board
 Kimberly Murray, Mackenzie Valley Land and Water Board
 Dana Harris, Fisheries and Oceans Canada
 Tatiana Leclerc-Beaulieu, Fisheries and Oceans Canada

Date: December 4, 2023

CC: Stephanie Krysa, Regulatory Lead, PSPC
 Dave Colbourne, Project Manager, PSPC
 Andrea Markey, Project Manager, CIRNAC
 Candace DeCoste, Project Manager, CIRNAC
 Natalie Plato, Deputy Director, CIRNAC
 Chris Thomas, Project Lead, CIRNAC

Parsons Caroline Serhal, Doug Hayes, Les Dunkley, Robert Moore, Wanda Sakura, Parsons Environmental, Parsons Inc.

From: Reuben Makohoniuk, Environmental Manager, Parsons Inc. Phone: 867-669-3725

Subject: Relocation of UCMC Generator from within A2 pit to within 100 meters of Baker Creek

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

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 accordance with Part C, Condition 66, Parsons is submitting this request for written authorization to store and transfer and store fuel within 100 meters of Baker Creek letter of acceptance of the following waste generated by the GMRP:

There is a large generator (see image below) that has been used and maintained at the base of the A2 Pit which needs to be relocated due to identified safety concerns with its current placement. We are requesting that it be placed in the area outlined in red on the Site Plan which is withing 100 meters of Baker Creek. The generator container/building will be placed within a lined bermed pad.



A second, smaller generator (see image below) will also be placed in the same approximate area, though not on a lined bermed pad. This generator has secondary containment built in, with 110% spill containment for coolant and oil and a UL 142 certified dual wall fuel tank, which will be inspected daily.



Reviewing options for their placement, the UCMC has communicated that they are limited and requested authorization to place them temporarily for less than 1 year in a location that is within 100 meters of Baker Creek.

Water Use

- NA

Fuel/Chemical Use and Storage

- The generators themselves have fuel storage tanks that will be re-fueled daily and are within 100 meters of Baker Creek. The larger generator will be placed within a bermed area that is lined with an impermeable membrane to prevent discharge to the environment in the event of a spill. As stated above, the smaller generator has fuel containment built in. Fuel transfer will be completed as per standard operating procedures, utilizing spill trays below all connection points.
- One of the generator fuel storage tanks is 1,665 L the other has two 550L tanks.

Waste Recovery and Disposal

- Spill kits will be onsite in the event a spill occurs.

Erosion and Sediment Control

- NA

Restoration of Site

- The pad area is within the footprint of an already disturbed area, no restoration of Site will be required aside from the pad removal.

Schedule

- It is anticipated that the smaller unit will be in place for approximately 2 months, whereas the larger unit will be in place for less than 1 year.

Site Plan

- See the image below. The current location of the larger generator at the bottom of the A2 pit is circled in blue. As stated above, due to identified safety concerns, it can no longer be maintained and is proposed to be relocated to the location circled in red. There are no other realistic options that are outside of the 100-meter buffer from Baker Creek to place these units without considerable expense.



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