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February 24, 2023

GNWT-INF
Box 1320
Yellowknife, NT X1A 2L9

Attention: Muktimoy Paul

File Number	S20E-005
Type of Operation	ROADS, all season (during const)
Location	Edie Lake Quarry

Dear Muktimoy Paul,

An inspection of the above noted operation was conducted on February 13, 2023, by Resource Management Officer II Meagan Betts and Manager Resource Management Jonathan Gillingham

Enclosed is a copy of the Environmental Inspection Report. Please refer to the noted conditions in the general comments section of this report. Your attention to this matter is appreciated.

If you have any questions, please do not hesitate to get in contact via telephone at 867-587-7202, cellphone 867-587-6999, or email meagan_betts@gov.nt.ca.

Sincerely,

Meagan Betts
Resource Management Officer II
Department of Lands- Sahtu Region

CC: Sahtu Land and Water Board
Jonathan Gillingham- A/Regional Superintendent, Sahtu Region



ENVIRONMENTAL INSPECTION REPORT

Permittee:	GNWT-INF	Permit Expiry Date:	November 18, 2025
Land Use Permit No.	S20E-005	Previous Inspection:	February 08, 2023
Quarrying Permit No.	2020QP0001	Inspection Date:	February 13, 2023
Contractor:	HRN	Subcontractor:	N/A
Location(s) Inspected:	Edie Lake Quarry		
Current Stage of Operation:	Construction		
Program Modifications Approved:	None		

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

Operating Condition	Aspect Inspected				
	Quarry				
Location as Permitted	A				
Time as Permitted	A				
Equipment as Approved (Type & Size)	A				
Methods & Techniques	A				
Facilities	A				
Erosion (Control or Prevention)	A				
Chemicals	A				
Wildlife and Fisheries Habitat (Protection)	A				
Wastes	A				
Historical / Archaeological Sites	A				
Security Deposit	A				
Fuel Storage	A				
Brush Disposal	A				
Restoration of Lands	A				
Permits	A				
Biological and Physical Protection of the Land	A				
Sections 8 to 12 / 14 to 16 M.V.L.U.R.	A				

Explanatory Remarks:

An inspection was conducted via truck by two officers from the Department of Lands on February 13, 2023. The inspection was limited to the borrow source (Edie Lake Quarry) and support facilities for the 13 km all-season access road currently under construction from the southern end of Canyon Creek All-Season Access Road to the Prohibition Creek. No concerns were observed while on site; improvements to waste management and spill response were made since the last inspection.

Quarry:

Quarry conditions post-blasting were observed while on site as well as the the continued



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efforts to remove overburden material (Figure 1-2). All equipment on site during the inspection conformed to Table 6-5 “Construction Equipment List” outlined on page 31 of the *Prohibition Creek Access Road Construction Project Project Description Report* (Figure 3-5).

The inspection confirmed that the land use area continues to be kept clean at all times, as is evident from all images included in this report. Waste disposal is occurring in accordance with the *Prohibition Creek Access Road Construction Project Waste Management Plan* and all garbage and waste on site is being stored in secure containers. Hazardous and non-hazardous waste is being stored separately (Figure 6-7).

Fuel storage as well as the refueling station have secondary containment (Figures 8-9) and desktop analysis confirmed no operational activities or support facilities are within 100 metres of the Ordinary High Water Mark of any watercourses. Vehicles involved with operations are equipped with spill response kits and equipment stationary for over two hours have drip trays placed under them to capture any potential leaks. Since the time of the last inspection an additional spill response drum was added to the refuelling station and both drums are easily accessible in the even of an emergency, as illustrated in Figure 9.

Brush and trees that do not meet the criteria for salvage timber are being stored on site within an area designated for stockpiling (Figure 10).

Sewage and greywater are being stored and handled in accordance with *Prohibition Creek Access Road Construction Project Waste Management Plan* (Figure 11-12).

As noted during the previous quarry inspection, all relevant permits and licenses are readily available and on display within the warming facility/office trailer outside of the blast zone.

Follow up inspections will continue as work progresses

Representative Signature



Inspector's Signature

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Inspection Images:

Figure 1

Quarry conditions as of February 13, 2023



Figure 2

Bulldozer removing overburden soil material



Figure 3

A portion of the fleet observed on site



Figure 4

Additional approved fleet within the quarry



Figure 5

Tandem axle truck used for operational support



Figure 6

Non-hazardous waste disposal bin





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Figure 7

Secure storage of hazardous waste



Figure 8

Generator fuel supply



Figure 9

Vehicle refuel station



Figure 10

Brush pile on site



Figure 11

Greywater containment area



Figure 12

Portable washroom facility outside warming area/office trailer

