



July 25, 2023

City of Yellowknife
PO Box 580
4807 – 52nd Street
YELLOWKNIFE, NT X1A 2N4

Attention: Ms. Wendy Newton

**Re: Land Use Permit MV2022S0011
Miscellaneous
Geotechnical Drilling – Yellowknife, NT**

Dear Ms. Newton,

An inspection of the completed geotechnical drill program was conducted by Inspectors Karine Gignac on July 12th, 2023. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation.

The drill program and monitoring wells installation was completed on Nov 6th, 2022, and the only concern is the failure from the Permittee to provide notice, exact coordinates and a map of all completed drill/well (as per Condition #6 of the land use permit) in a timely manner, once drilling & well installation was completed. Overall, the Inspectors are pleased with the manner the land use operation was conducted and no environmental concerns were noted.

Your copy of the Environmental Inspection Report is enclosed and should be self-explanatory.

If you have any questions or concerns, please contact the undersigned at (867) 767-9187 ext. 24189, or Mr. Clint Ambrose at (867) 767-9188.

Sincerely,

Karine Gignac
Resource Management Officer II (Inspector)
Land & Water North Slave Region
GNWT – ECC

cc: MVLWB
AECOM – via email



ENVIRONMENTAL INSPECTION REPORT

Permittee:	City of Yellowknife.	Inspection Date – July 12 th , 2022
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	MV2022S0011	October 24 th , 2024	Nov 4 th , 2023
Quarry Permit No.			
Contractor:	AECOM	Subcontractor:	Earth Drilling Co. Ltd.

Location(s) Inspected:	Completed drill holes (3) near Pump House #2 (Yellowknife River).
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Current Stage of Operation:	The program (5 holes) is completed
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Program Modifications Approved:	
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Condition of Operation “A” - Acceptable “U” - Unacceptable “N/A” - Not Applicable

	Operating Condition	Aspect Inspected			
		Drill Sites			Condition
A	Location and Area	A			
B	Time	U			#6 Notification
C	Type and Size of Equipment	A			
D	Methods and Techniques	N/A			
E	Type, Location, Capacity and Operation of All Facilities	A			
F	Control or Prevention of Ponding of Water, Flooding, Erosion, Slides and Subsidence of Land	A			
G	Use, Storage, Handling and Ultimate Disposal of Any Chemical or Toxic Material	A			
H	Wildlife and Fisheries Habitat	A			
I	Storage, Handling and Disposal of Refuse or Sewage	A			
J	Protection of Historical, Archeological and Burial Sites	A			
K	Objects and Places of Recreational, Scenic or Ecological Value	N/A			
L	Security Deposit	A			
M	Fuel Storage	A			
N	Methods and Techniques for Debris and Brush Disposal	A			
O	Restoration of the Lands	A			
P	Display of Permits and Permit Numbers	A			
Q	Matters Not Inconsistent With the Regulations	A			
R	Sections 8 to 16 M.V.L.U.R.	A			



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Explanatory Remarks

An inspection of the geotechnical drill program was conducted by Inspector Karine Gignac on July 12th, 2023. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation.

The Inspectors are pleased to report that no concerns were noted during the inspection and the following was observed

- There are no debris or drill waste at the completed drill holes, and since the holes are located on an existing road, no further disturbance was observed (Figures #1-3),
- Holes were sealed with bentonite chips,
- Hole TH-PH1 is fitted with monitoring instruments (Figure #2),
- No obvious hydrocarbon spills were noted at the inspected completed drill sites.

The geotechnical drill program was completed on Nov 6, 2022. While Condition# 6 of the land use permit requires that the Inspectors receive notification of the completed land use operation prior to its completion, this information was not provided until December 1st, 2022, date on which the Inspector made a written request to the Permittee. This is unacceptable and the Permittee is reminded of the requirement to provide notification to the Inspectors prior the commencement and at the completion (as requested in the previous inspection report) of the land use operations.

Overall the Inspectors were pleased with the manner in which this land use operation is being conducted and the cooperation of the Contractor & Sub-Contractor is appreciated.

Completed off Site
Representative's Signature

Karine Gignac
Inspector

Inspector's Signature



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Figure 1
Completed drill hole near the pump shack (TH-PH2).



Figure 2
Monitoring well (TH-PH1)



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Figure 3
Completed hole TH3 (on the road).



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