Water Licence Inspection Report

☒Original
☐Follow-Up Report

Authorization	Representative
Hamlet of Kugluktuk	**John MacCafferty** DCAO@kugluktuk.ca
Authorization No. / Expiry	**Representative's Title**
3BM-KUG2030/ December 07,2030	**CAO acting**
Inspection Date	**Inspector**
July 10, 2026	**Isaiah James Bolt**
Other Authorization/s	

Activities Inspected

☒**Municipal** ☐ **Camp, Commercial** ☐ **Drilling** ☐ **Mining** ☐ **Construction** ☐ **Reclamation** ☐ **Fuel Storage** ☐ **Roads/Hauling** ☐ **Winter Hauling** ☐ **Camp, Private** ☐ **Other** Click or tap here to enter text.

Section 1 Comments

On July 10, 2026 Resource Management Officer Isaiah James Bolt (Inspector) for Crown Indigenous Relations and Northern Affairs Canada (CIRNAC), conducted an inspection of 3BM-KUG2030 (License) issued to Hamlet of Kugluktuk (Proponent) to ensure compliance with their license.

Preliminary Information

The annual quantity of Water used for all purposes shall not exceed ninety thousand (90,000) cubic metres annually, at a maximum daily withdrawal rate that shall not exceed two hundred and ninety-nine (299) cubic metres.

Observations

1. The daily water log was observed and photographed (Photo#1). Community is within daily withdrawal limits.
2. The water flow meter inside the water treatment facility was photographed (Photo #2).
3. The sewage lagoon seep was observed and photographed (Photo #3).
4. (Photo #4 and #5) show the subsidence area of the east lagoon wall. Less than 1 metre free board between the water line of the lagoon and the gravel on top of the lagoon wall in that area.
5. Kug-3 Sampling location (Photo #6).
6. 502 litre fuel drum inside the sewage lagoon facility (Photo #7).
7. Battery storage location (Photo #8). Most batteries stored in boxes. Couple of boxes storing batteries are broken and have no liner. Battery storage area is an upgrade from last year! Ensure batteries found throughout the waste facilities are consolidated into this area and stored in boxed with Poly liners to prevent deleterious substances from entering the environment.
8. Various drums and totes of petroleum and hazardous wastes stored inside the main dump facility (Photo #9 and #10). None of the drums/totes are in secondary containment. The Dump is not a lined facility. A Remedial Action plan for these drums and totes should be drafted before the summer of 2027 to ensure the plan can be put into effect by summer 2027.
9. Open Burn Area (Photo #11).
10. Propane storage area (Photo #12). Propane storage area is a lot cleaner than last year, though some propane bottles are found elsewhere in the waste facilities and should be consolidated.
11. Land-Farm facility. (Photo #13, #14 and #15). This area is still being used as a waste oil/hazardous materials storage area. Various drums and totes are stored within the area and should be sorted, cleaned and prepared for shipment south.
12. Metal Dump (Photo #16,#17, #18 and #19). Some batteries were found in the metal dump. Some waste oil/hazardous materials found in the metal dump.

Section 2 Non-Compliance

1. 502L drum in the sewage lagoon. Part D: #6 of the issued water license states: "*The Sewage Disposal Facility shall be maintained and operated, to the satisfaction of an Inspector and in such a manner as to prevent structural failure.*"
2. Batteries on the ground out of containment. Propane tanks on the ground. Part D #11 of the issued water license states: "*The Licensee shall segregate and store all hazardous materials and/or hazardous Waste within*

the Solid Waste Disposal Facility in such a manner as to prevent the deposit of deleterious substances into any Water, until such a time that the materials have been removed for proper disposal at an approved facility."

3. Land Farm facility being used as hazardous waste facility and hazardous materials storage in the main dump facility.
4. Various waste oils/hazardous materials stored within the main dump facility outside of secondary containment.

Section 3 Action Required

1. Remove the 502L drum from the lagoon.
2. Store all batteries in HDPE lined boxes for storage and eventual removal. Consolidate all batteries found throughout the waste facilities into the battery storage area.
3. Consolidate all Propane bottles to the propane sorting area.
4. Draft a remedial action plan for the clean up, removal, storage and eventual shipment of all waste containers in the Land-farm facility. Include the hazardous materials storage area found on Photo #9 and #10 into the plan.
5. Remove all hazardous materials from the metal dump. (Waste oils, batteries, fridges and freezers).

A Remedial Action plan should be drafted before Summer 2027 to ensure the plan can be put into effect by summer 2027.

Licensee or Representative	Inspector's Name
John McCafferty (Acting CAO)	Isaiah James Bolt
Signature	Signature
Date: Oct 6th/2026	Date: 05/10/26

Office Use Only: Follow-up report to be issued by Inspector ☐ Yes ☐ No

PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
July 10, 2026	3BM-KUG2030	Olympus TG-6	James Bolt

Photo # 1 **Coordinates:**



Description:
Daily water intake log

Photo # 2 **Coordinates:**



Description:
Flow totals inside the water treatment plant

Photo #	3	Coordinates:	



Description:
Sewage seep area from lagoon

Photo #	4	Coordinates:	



Description:
View of the sewage seep location from inside the lagoon. Lagoon wall continues to subside.

Photo #	5	Coordinates:	



Description:

Up-close view of the area of subsidence on the lagoon wall.

Photo #	6	Coordinates:	



Description:

Kug-3 Sampling location.

Photo #	7	Coordinates:	



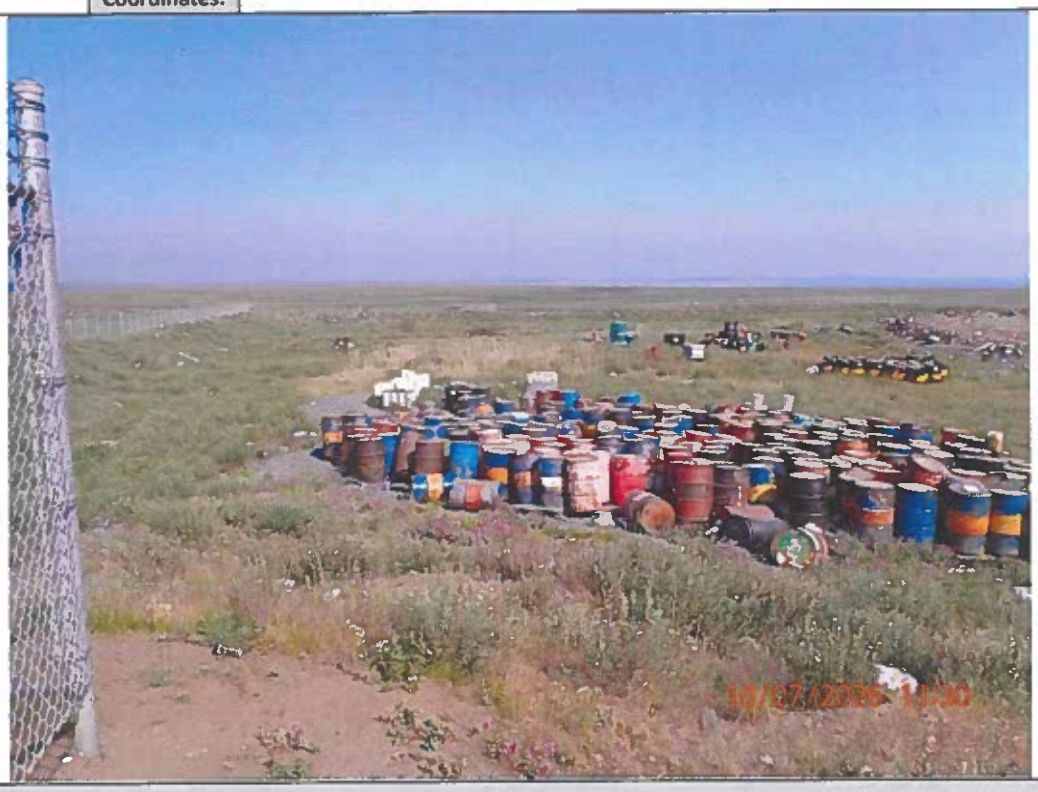
Description:
Metal drum floating inside the lagoon.

Photo #	8	Coordinates:	



Description:
Battery Storage location. Batteries need to be placed in a lined box and prepared for shipment south.

Photo #	9	Coordinates:	



Description:
Inside the main dump. Many waste drums stored on the ground outside of secondary containment.

Photo #	10	Coordinates:	



Description:
Inside the main dump. Open burn area seen to the right.

Photo #	11	Coordinates:	



Description:

Open Burn area.

Photo #	12	Coordinates:	



Description:

Propane storage area.

Photo #	13	Coordinates:	



Description:

Contaminated soil storage area. (Filled with drums and waste oil totes, as well as some propane and batteries.)

Photo #	14	Coordinates:	



Description:

Batteries seen on the ground outside of containment in the contaminated soil area as well as propane bottles.

Photo #	15	Coordinates:	



Description:

Waste oil drums and 1000L totes seen inside the contaminated soil area.

Photo #	16	Coordinates:	



Description:

Metal Dump.

Photo #	17	Coordinates:	



Description:

Metal Dump.

Photo #	18	Coordinates:	



Description:

Metal Dump.

Photo #	19	Coordinates:	



Description:

Metal Dump.