



Water Licence Inspection Report

☒ Original
☐ Follow-Up Report

Authorization	Representative
City of Iqaluit 3AM-IQA1626	Shane Turner/ Jeff MacMunn
Authorization No. / Expiry	Representative's Title
3AM-IQA1626	Sup. Of Water and Sewer/ Sup. of Sanitation
Inspection Date	Inspector
June 5 2026	Omer Pasalic/Darren Kennedy
Other Authorization/s	
Not applicable.	
Activities Inspected	
☐ Camp, Commercial ☐ Drilling ☐ Mining ☐ Construction ☐ Reclamation ☐ Fuel Storage ☐ Roads/Hauling ☐ Winter Hauling ☐ Camp, Private ☒ Other Municipal Water License Inspection	

Section 1 Comments

On Friday, June 5th, 2026 Inspectors Darren Kennedy and Omer Pasalic of the Crown Indigenous Relations and Northern Affairs Canada, conducted an inspection of the City of Iqaluit – Landfill, Sewage treatment plant and The Wate Treatment Plant, for the purpose of verifying the terms and conditions of City of Iqaluit's water license(3AM-IQA1626)

The inspectors was accompanied by Michelle Blade, Regulatory and Science Advisor and Lauren Parrin, Water Management Specialist - Water Resources of the Crown Indigenous Relations and Northern Affairs Canada.

The following points of interest were inspected:

- Wastewater Treatment Plant Facility (63 44' 45.15" N - 68 32' 19.80" W)
- Landfill and Landfill surroundings (63 43'58.15" N - 68 32'08.54" W)
- Water Treatment Plant (63 45'12.24" N – 68 30'22.79" W)

The inspectors was met at the Landfill by Jeff MacMunn, Superintendent of Sanitation – city of Iqaluit.

The inspector observed hazardous items, such as drums of fuel and Glycol stored within the perimeters of the Landfill without any sort of containments. The exposure of non-contained items pose potential safety hazards as well as exposure of hazardous fluids leaking into the environment.

A number of blown refuse, litter and or other garbage were being cleaned up outside of the Landfill and within the surrounding area by City employees. Mr. MacMunn stated that the ongoing efforts are in place to minimize the blown away garbage escaping outside the fenced property. Jeff McMunn also stated that the contract for the upgrading of the fence has been rewarded to a contractor and the work will be starting this summer.

Sediment control ponds were inspected. Mr. MacMunn stated that the city is not planning any release of water this year.

At the Sewage Treatment Facility, the inspector was met by Shane Turner, Superintendent of Water and Sewer – city of Iqaluit. The inspector noted the facility has been updated with new technology pertaining the operation of such facilities, including digital meters. No refuse, loose items, leaks, spills or any out of ordinary items of concerns were noted. In addition to the facility, adjacent sewage lagoon was also inspected. No signs of erosion, leaks or other items deposited within the lagoon that are not authorized by the license were observed. Once the Sewage facility inspection was completed, inspector was met at the Water Treatment Facility by Shane Turner, title and employer as specified above. The water intake at the Water Treatment Plant was inspected. At the time of the inspection, water intake meter was operational and functioned as intended. Monthly Water intake was sent by email from Shane Turner from Jan-June. The city was within the allowable water intake limits. The site was clean.



Both inspected facilities meet the terms and conditions of the license as no non-compliance matters were observed by the inspector at the time of the inspection.

The facility appeared to be operating as per the specifications named within the issued water license. Water meters as well as other operational measurement devices appeared to be operational. No spills, leaks, loose material or any other items of concern were noted at the time of the inspection.

Due to everything still frozen the inspectors did not do a check of the dam. Shane Turner did reiterate that there is no noticeable leaks/crack to the dam at lake Geraldine, the water reservoir named for the water withdrawal for the city of Iqaluit. No items of concern noted.

At approximately 1030 hours, while inspecting the creek around the City of Iqaluit garage on federal road it was noticed that totes of oil, anti-freeze and windshield wash left outside the contaminated area (pictures taken).

End of Report

Section 2 Non-Compliance with Choose an item.

3AM-IQA1626 Part E (condition 17).

Section 3 Action Required

- **The Licensee shall contain all hazardous waste found within the Landfill to prevent potential safety hazards as well as potential environmental hazards.**
- **The licensee shall keep collecting all blown away refuse, litter and or garbage adjacent to the Landfill perimeters wherever the refuse, litter and or garbage is found outside the fencing and nearby ditches and does include blown away refuse, litter and or garbage located across the road from the West 40 Landfill.**
- **The licensee shall remove the anti-freeze, oil and windshield wash tote that is located at the Federal road garage into the approved hazardous waste containment area (see Pictures for reference) : “The Permittee shall not allow petroleum**
- **products or chemicals to spread to surrounding lands or into water bodies.**
- **The Licensee shall be afforded reasonable amount of time to complete the tasks named above. The afforded reasonable amount of time shall not exceed after Aug 1st, 2026 as a completion date.**

Section 4 Other

Not applicable.

Licensee or Representative	Inspector's Name
	Darren Kennedy
Signature	<i>Signature</i>
	<i>Darren Kennedy</i>
Date	Date
	June 10 2026

Office Use Only: Follow-up report to be issued by Inspector

☒ Yes ☐ No

PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
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Friday, June 5, 2026

3AM-IQA1626

Iphone 17

Darren Kennedy



Description:

West 40 Landfill. Drum of Glycol





Description:
West 40 Landfill. Drum of glycol and fuel



Description:
West 40 Landfill. Tire containment area



Description:

West 40 Landfill. Garbage along fence cleaned up. Crews cleaning outside of the fencing



Description:

Water treatment plant water intake meter



Description:

Totes of oil, anti-freeze and windshield wash



Description:

Totes of oil, anti-freeze



Annual Report
for Jan 1, 2026 through Jun 23, 2026

Iqaluit System Flows

Date	WTP Raw Water		WTP Distribution		WWTP Influent		WWTP Effluent	
	Volume (m3)	Flowrate (L/min)	Volume (m3)	Flowrate (L/min)	Volume (m3)	Flowrate (L/s)	Volume (m3)	Flowrate (L/min)
1/1/26 00	91,556	2,051	88,410	1,981	0	0	0	3,545
2/1/26 00	86,832	2,152	83,958	2,044	0	0	0	3,545
3/1/26 00	99,482	2,232	96,652	2,170	0	0	0	3,545
4/1/26 00	110,406	2,555	108,000	2,450	0	0	0	3,545
5/1/26 00	119,502	2,677	116,472	2,599	0	0	0	3,545
6/1/26 00	82,254	2,546	79,725	2,468	0	NaN	0	NaN
Summary	590,032 m3		573,218 m3		0 m3		0 m3	

Description:

Iqaluit Monthly water intake from Jan-June 2026 sent by email from Shane Turner

