
FW: Fall Water License Post Inspection Summary - Fort Providence - September 9th, 2024

From Erica Janes <ejanes@mvlwb.com>
Date Tue 01-Oct-2024 9:38 AM
To Meg McCluskie <mmcluskie@mvlwb.com>

Please post to MV2016L3-0001.

From: Joshua Gauthier <Joshua_Gauthier@gov.nt.ca>
Sent: Friday, September 27, 2024 11:01 AM
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Subject: Fall Water License Post Inspection Summary - Fort Providence - September 9th, 2024

Hi Susan,

Thank you for taking the time to meet with me on September 9th, 2024 for The Hamlet of Fort Providences Water License (MV2016L3-0001) inspection. It was great to meet and go over the Water License with you and the SAO in training. As per routine, please find a summary of operational notes that will be included in the inspection report for the day of September 9th, 2024.

- Water Treatment Facility:
 - The Water Treatment Plant (WTP) was operating normally at the time of inspection with the exception of some maintenance that was mentioned by the Plant Operator.
 - All reagents required for water treatment were well stocked.
 - The Plant Operator mentioned that the wet wells are to be cleaned on the weekend (Sept 13th-15th).
 - No boil water advisories mentioned this summer.
- Sewage Treatment Facility:
 - The primary cell (cell #1) liner appears to be detached and requires repair. Approximately 1/3 of the surface of the cell is covered in floating biosolids.
 - Available free board in cell #5 is deficient (Less than required 1m). A seasonal decant is recommended. The Hamlet should action this as soon as possible and please forward sample results to me for review prior to decant.
 - Sludge pit berms appeared to be in good condition although vegetation should be cleared from containment berms prior to use for the planned desludging work next year.
- Solid Waste Facility:
 - Ponding water in the Domestic Waste area has receded, so there were no access issues at the time of inspection. Ponding typically occurs in the spring with Freshet, or during increased precipitation. MACA and the Hamlet still may need to determine an engineered solution to address this issue if it persists.
 - A sizable amount of brush has been deposited in the landfill near the lagoon area, which poses a fire hazard for the facility. It was also observed that some garbage was mixed with

the brush piles. This waste must be separated out and is required prior to any Inspector authorization to burn the brush piles (see Water License Condition D.14). Typically, there are several safety precautions that go along with a permitted burn, but I'm only familiar with ECC's safety requirements on Territorial Lands. The Hamlet needs to consider requirements for burning within municipal boundaries and follow applicable process, or bylaws.

- There were no bears onsite during the inspection. Bears are likely still accessing the landfill via known access points in the perimeter fencing. The Hamlet needs to stay vigilant and repair/fortify these points to limit wildlife access and scavenging. This is also a safety risk for all facility Users and Hamlet staff.
- The stockpiled Appliance waste area needs managing. Its unclear if the appliances have been depolluted, or not. It is recommended that this area gets inventoried and organized. Marking items and segregating them for depollution or crushing/shredding would aid the Hamlet in managing this waste stream better and ultimately create more room in the landfill.
- Some used oil totes and open containers with hydrocarbon product were noted in the Hazardous Waste area during the inspection. These should be properly containerized and prepared for transport/disposal. Any spills in this area must be cleaned up. Hydrocarbon products (i.e. waste oil, gas, solvents) are a major wildlife attractant. Please tend to this area to remove these attractants and reduce safety risks to wildlife and facility Users.

I would like to thank the Clifford for meeting with us and going through the various facilities within the Hamlet. A formal in-depth report will be submitted to you and the MVLWB including these notes as well as photos.

Thank you,

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