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**Sent:** Friday, August 11, 2023 11:28 AM

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**Subject:** Hamlet of Fort Providence - 2023 Spring Water Licence Post Inspection Follow-Up

Hi Susan,

Thanks for meeting with me prior to the water licence inspection for the Hamlet. Below is a summary of inspection findings and any operational issues:

Water Treatment Plant:

- The water treatment plant was well maintained and in good condition.
- No boil water advisories were posted this spring and water quality parameters appeared to be normal.
- Water Treatment Plant Operator noted that one of the paddles on the filtration unit broke, but it has since been fixed.
- A new turbidity and chlorine meter has been purchased for In-House testing and the Operator is receiving training for this via Municipal and Community Affairs (MACA).

Sewage Lagoons:

- Cell #1 has less than 1m freeboard. Part of the cell liner has come detached and is floating on the surface of the lagoon and the discharge ramp is in poor condition. Lots of windblown debris noted in the cell as well.
- At the pre-inspection meeting, the SAO relayed that there are plans to make repairs to the liner and ramp this year, as well as plans to de-sludge Cell #1. The Sludge Pit was inspected and appears to be usable once the NE corner is re-enforced. Vegetation should be cleared from containment berms prior to use.
- At the time of inspection, all lagoon cells looked to be near the 1m free board limit. Inspector indicated this to the Hamlet staff during the inspection and issued a decant authorization. Decant has occurred and Cell #5 is now within acceptable freeboard limits.

Landfill:

- Pooling leachate was observed in and around Residential waste at the landfill. The ground is still very wet in the active cell area, which is preventing access for the heavy equipment to compact and cover waste. Further discussions with MACA to address this issue via an Action Plan is required as it is hampering operations and proper management of the facility. Lots of windblown debris at site due to uncovered Residential waste.
- Evidence of bear activity was still noted during the inspection and likely due to wildlife attractants at site. There are access points via damaged fencing along the west perimeter and NE corner. Hamlet staff are aware of these access points and the Inspector's request to address and fix fencing to prevent access to wildlife.

- Stockpiled Hazardous waste has been removed from site via MACA and ICIP funding. There is still spill staining visible on the ground in the Hazardous Waste area that requires clean up.
- There were approximately 40 End-of-Life (EOL) vehicles observed at the landfill during the inspection. All vehicles have been consolidated and moved to the NW corner of the facility. Hamlet staff relayed that all the vehicles had hazardous wastes removed when MACA was at site.

Please work to address any outstanding operational items listed above and continue to work on any administrative licence items (i.e. Annual Water Licence reports) that require submission to the MVLWB.

If you have any questions regarding any of the above, please don't hesitate to contact me.

Regards,

Wendy

Mársı | Kinanāskomitin | Thank you | Merci | Hqj' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsı  
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Pronouns: she/her/hers

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