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Subject: Town of Hay River Post Inspection Follow-Up
Date: Tuesday, July 26, 2022 3:37:54 PM

Hi Glenn,

I hope that things are going well for you and that the community is recovering from the flood event. I am sending this email today to follow up on the water licence inspection that Wendy Bidwell and I conducted on Wednesday June 15th. Listed below you will find a quick summary of the notable items that will be mentioned in the inspection report:

- Land Fill:
 - The major flood event has led to a large influx of unsegregated and likely hazardous waste in the landfill. This influx has reduced the capacity of the landfill and life expectancy of the facility and also poses an increased fire risk. Better management and segregation of wastes is required.
 - The Domestic waste area desperately requires cover. This has not been done to the inspector's satisfaction for a few years now.
 - The Town must update inspectors on tire shredding plans. During the inspection it was mentioned that this was going to be done sometime this year. Even though the Town plans to shred and reposition this material at the facility, it still poses an extreme fire risk.
 - Fencing around the Surface Run-Off Retention Pond at the Soil Treatment Pad requires maintenance and windblown debris must be removed.

- Water Treatment Plant:
 - Facility operating with no issues post flood and did not notice any concerns during inspection. Sufficient amount of spill pads and containment practices were observed at the WTP.
 - Boil water advisory was lifted shortly before inspection, turbidity levels were high this spring during the flood event.
 - The Town is currently operating the WTP with contractors from Alberta (Clean Harbours).

- Sewage Lagoon:
 - Cells 1 & 4 had some windblown debris, and cell 4 had copious biosolids accumulating in its corner via the overflow valve from cell 1. This issue needs to be addressed ASAP as proper treatment of effluent is not occurring.
 - Sludge pit and all cells had adequate free board.
 - Some rodent holes observed in between the cells. This will be a concern for liners of the cells, if left unaddressed.

In addition, we still need to know the **whereabouts of any of the hydrocarbon contaminated soils**

from the flood event that have yet to be accounted for. Please let myself, or Wendy Bidwell know if you have any information regarding the location of the contaminated soils.

Relatedly, Carter's soil and water treatment facility in Hay River has yet to be approved to operate under a new water license. Unfortunately, they have been experiencing some challenges with meeting operating requirements and costs associated with their licence renewal application. Furthermore, it is even more evident for Hay River to outline any plans for the resulting contaminated soils from the flood remediation operations that have occurred or are ongoing.

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

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