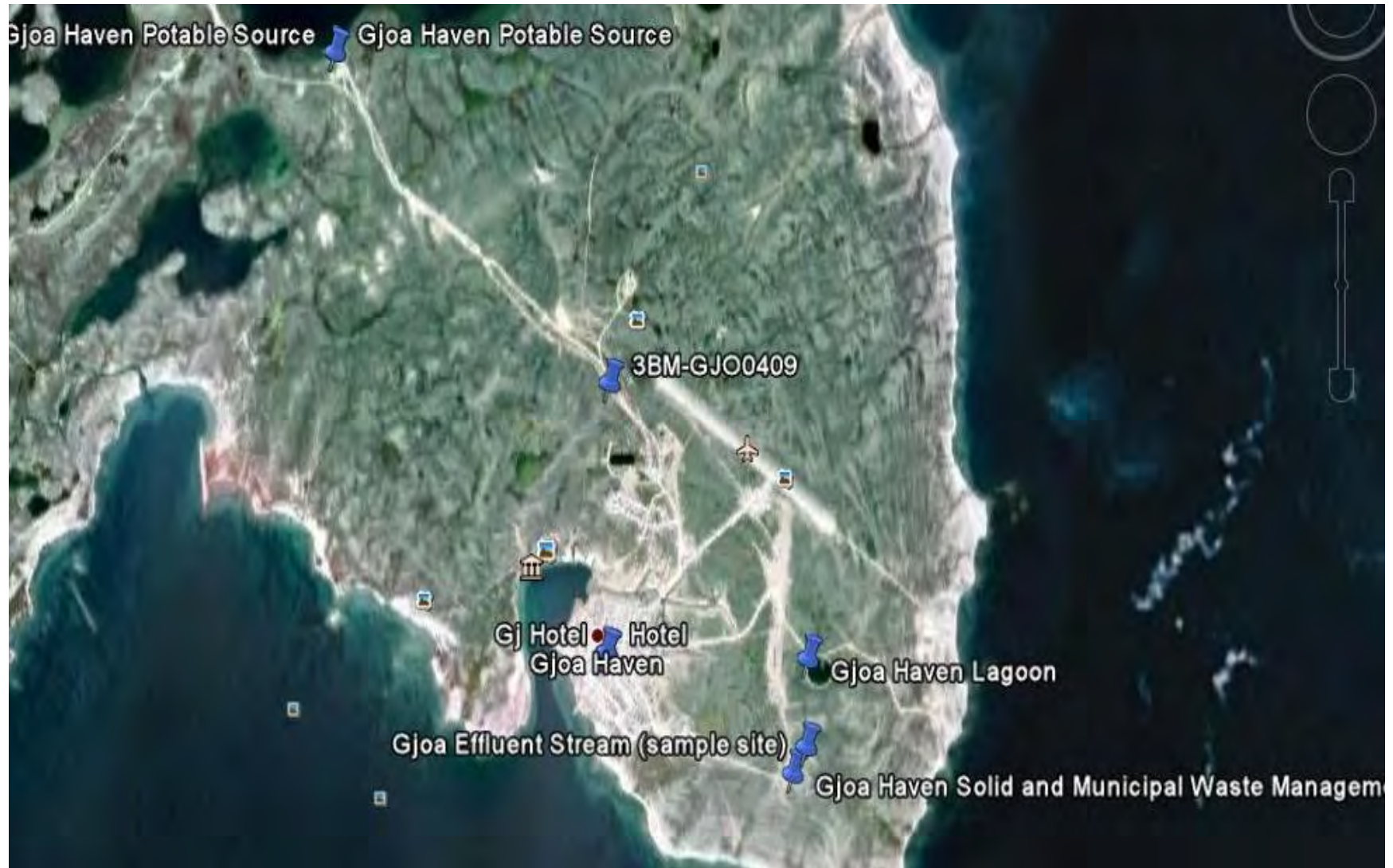


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Sewage Lagoon and Solid Waste Management Area



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- Water Treatment Facility

- Chlorine treatment pumps in good working order. Water is chlorinated prior to entering the holding tank and re-chlorinated prior to transfer to Hamlet Water Trucks.
- Chlorine mixing tanks were found to be less than half full.
- Water is re-circulated between Swan Lake and the Holding tank on a continuous basis to keep the lines from freezing.

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- Water Treatment Facility
- House keeping issues including the secure and safe storage of chemicals and hazardous materials should be addressed by the Licensee.

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- Water Intake/ Pumping Station : Swan Lake
- Area clear of debris
- Pumping station locked
- Samples collected from Swan Lake source

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- **Solid Waste Management Area**

- Lack of cover materials in the Municipal Waste Management Area
- Fencing around the Municipal Waste Management Area has blown down in areas.
- Lack of segregation.. Metal and drums found at the site.
- Sampling location was dry .. Samples at the posted location could not be collected.

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- Bulky Waste Metals Area
- Sampled effluent
- Hamlet sampled effluent at same location
- Effluent sampled 100 plus meters from sewage lagoon
- Effluent run off is naturally directed towards metal waste area at land fill

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- Leachate sample

- Designated leachate sampling location at landfill was dried up, so new location was used at waste metal area of landfill.
- Hamlet sampled at same location.
- Stream littered with waste from landfill.

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- Sewage lagoon

- Effluent is trucked to community lagoon.
- On average 10 truck loads per day
- 1 meter freeboard is maintained by culvert at the back of the lagoon.
- Effluent flows via installed pipe to secondary cell
- There is an obvious flow seen exiting the secondary cell and proceeding down gradient to the Municipal Solid Waste Management Area.
- Two ponds adjacent to the lagoon showed signs of nutrient loading. It is suspected that effluent has infiltrated these ponds.

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- Unlined hazardous materials area
- Drums of waste oils and other fluids continue to be stored outside the Waste Management Area.
- Batteries remain un-segregated from land fill burn area.
- Attempts to segregate hazardous waste and metals have been made by the hamlet.
- No signage noted at landfill.