



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

| | | | |
|--|-----------------------------------|--|---------------------------------------|
| Licensee | | Licensee Representative | |
| Hamlet of Gjoa Haven | | Richard Leong | |
| Licence No. / Expiry | | Representative's Title | |
| 3BM-GJO1828 | | A/Senior Administrative Officer | |
| Land / Other Authorizations | | Land / Other Authorizations | |
| Date of Inspection | | Inspector | |
| 2020 August 12 | | Baba Pedersen | |
| Activities Inspected | | | |
| <input type="checkbox"/> Camp | <input type="checkbox"/> Drilling | <input type="checkbox"/> Mining | <input type="checkbox"/> Construction |
| <input type="checkbox"/> Roads/Hauling | <input type="checkbox"/> Other: | <input checked="" type="checkbox"/> Other: Municipal | <input type="checkbox"/> Reclamation |
| <input type="checkbox"/> Fuel Storage | | | |

| Conditions: | A - Acceptable | | C - Concern | U - Unacceptable | | NA – Not Applicable | NI – Not Inspected | |
|--|----------------|---------|------------------------------|------------------|---------|---------------------|--------------------|---------|
| Water Use | Condition | Comment | Site Conditions | Condition | Comment | Haz/Mat Management | Condition | Comment |
| Intake/Screen | | | Water Management Structures | | | Storage | A | 9 |
| Flow Measure. Device | A | 10 | Culverts / Bridges | | | Spills | | |
| Source: | | | Drainage | | | Spill Plan | | |
| Water Use: | | | Erosion / Sediment | | | | | |
| Recirculation (y /n) | | | Mitigation Measures | A | 5 | Administrative | | |
| | | | | C | 8 | | | |
| | | | Reclamation Activities | A | 7 | Records | A | 10 |
| | | | Materials Storage | | | Reports | A | 11 |
| Waste Disposal | | | Signage | A | 1 | Plans | | |
| Waste Water | U | 2 | | | | Notifications | | |
| | C | 3 & 4 | | | | | | |
| Solid Waste | C | 6 | Monitoring | | | Other | | |
| Hazardous Waste | | | Sample Collection / Analysis | A | 5 | | | |
| | | | | | | | | |
| *The number in the comments field will correspond with specific comments provided below. | | | | | | | | |
| Samples taken by Inspector: | | | Location(s): | | | | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | |

| | | | |
|---|--|---|---|
| SECTION 1 | <input checked="" type="checkbox"/> Comments (s. __) | <input type="checkbox"/> Non-Compliance with Act or Licence (s. __) | <input type="checkbox"/> Action Required (s. __) |
| <p>On Wednesday August 12, 2020, I Baba Pedersen, Resource Management and Water Resources Officer with Crown-Indigenous Relations and Northern Affairs Canada, the Writer of this Report, did inspect the holder (Hamlet of Gjoa Haven) of Water Licence number 3BM-GJO1828 issued for the Municipal Use of Water and Waste Disposal in the Hamlet of Gjoa Haven in the Kitikmeot Region of Nunavut.</p> <p>The Inspector was accompanied by Shah Alam, Municipal Planning Engineer from the GN-CGS and Adam, Dominique and John with the Hamlet of Gjoa Haven. The Site Inspections were preceded by a meeting in the offices of the Hamlet of Gjoa Haven that also included Richard Leong, Acting SAO for the Hamlet of Gjoa Haven.</p> | | | |
| SECTION 2 | <input checked="" type="checkbox"/> Comments | <input type="checkbox"/> Non-Compliance with Act or Licence | <input type="checkbox"/> Action Required |
| <p>During the Site Inspections, the following was observed by the Inspector;</p> <ol style="list-style-type: none">1. The Raw Water Intake at Swan Lake (Photo 1)2. The Hole in the Sewage Lagoon Berm Liner at the Truck Dump Station (Photos 2 & 3)3. The presumed tear in the Sewage Lagoon Berm Liner on the South Side of the Lagoon (Photo 4)4. Floating Debris on the South Side of the Sewage Lagoon (Photo 5)5. The Decant Area of the Sewage Lagoon6. The Damaged Section of Fencing for the Garbage Dump beside Sample Station GJO-5 (Photo 6)7. Hamlet Staff cleaning/sorting inside the Garbage Dump (Photo 7)8. Old Fuel Tank to be used as a Burn Box (Photo 8)9. The Used Battery Storage Area (Photos 9 & 10)10. YTD Water Consumption Records showing 26,265 cubic meters from January 1, 2020 to July 31, 2020 were provided to the Inspector11. The Licence Holder has submitted the Annual Report to the Nunavut Water Board | | | |
| SECTION 3 | <input type="checkbox"/> Comments | <input type="checkbox"/> Non-Compliance with Act or Licence | <input checked="" type="checkbox"/> Action Required |
| <ol style="list-style-type: none">1. Signage for Sample Station GJO-1 at the Raw Water Intake has been installed as per the Inspector's instructions from last inspection, Thank You very much2. The Licence Holder MUST repair the Hole in the Sewage Lagoon Berm Liner at the Truck Dump Station AND provide the Inspector with Photographic Proof PRIOR TO September 30, 2020 *UPDATE* as per Photo 3, the License Holder completed | | | |



the required Repairs and submitted Photographic Proof to the Inspector on September 9, 2020. Thank you very much

3. The Licence Holder MUST check the presumed tear in the Sewage Lagoon Berm Liner on the South Side of the Sewage Lagoon AFTER the Decant Program is Complete and Repair as Required PRIOR to September 30, 2020
4. The Licence Holder shall remove all the Floating Debris on the South Side of the Sewage Lagoon
5. The Licence Holder has taken the required Samples and sent them to the Lab in Yellowknife for Analysis. Once received they will email them to the Inspector for Approval to Start the Decant Process
6. The Licence Holder shall repair the Damaged Section of the Garbage Dump Fence beside Sample Station GJO-5 AND provide Photographic Proof to the Inspector PRIOR TO September 30, 2020
7. The Inspector witnessed Staff from the Licence Holder actively Cleaning and Sorting the contents of the Garbage Dump. Thank you for undertaking this much required task
8. The Licence Holder shall move the old Fuel Tank within the Garbage Dump Fenced Perimeter to be used as a Burn Box for Non-Hazardous Materials
9. The Inspector witnessed the excellent job the Licence holder is doing with the Storage and Crating of Used Batteries. Thank you for this. The only recommendation the Inspector has to improve on this would be to store the Crated Batteries within a Sea Can
10. The Licence Holder is within allowable limits and the Inspector has no concerns with this at this time
11. Thank you for this, the Inspector has no concerns with this

| | |
|----------------------------|-------------------------|
| Licensee or Representative | Inspector's Name |
| | Baba Pedersen |
| Signature | Signature |
| | Signed Original on File |
| Date | Date |
| | 2020 October 15 |

| | | |
|------------------|--|---|
| Office Use Only: | Follow-up report to be issued by Inspector | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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cc. CIRNAC, Manager Field Operations, Iqaluit, justin.hack@canada.ca

Nunavut Water Board, Manager of Licensing, Gjoa Haven, licensing@nwb-oen.ca

Gov't of Nunavut, Municipal Engineer, Cambridge Bay, salam@gov.nu.ca



PHOTO LOG



| Date | Camera | Inspector | Authorization |
|--|----------------|---------------|---------------|
| 2020 August 12 | Sony DSC-HX50V | Baba Pedersen | 3BM-GJO1828 |
| Photo Log # DSC06024 | | | |
| Photo 1 | | | |
|  | | | |
| Description: Installation of GJO-1 Signage at Swan Lake Raw Water Intake location | | | |
| Photo Log # DSC06025 | | | |
| Photo 2 | | | |
|  | | | |
| Description: Hole in Sewage Lagoon Liner requiring Repair as at 2020 August 12 | | | |



Photo Log # DSC00654

Photo 3



Description: Hole in Sewage Lagoon Liner AFTER REPAIR as at 2020 September 9

Photo Log # DSC06043

Photo 4



Description: Presumed Tear in South Side of Sewage Lagoon Liner to be verified/repared AFTER Decant Program is complete



Photo Log # DSC06044

Photo 5



Description: Floating Debris on South Side of Sewage Lagoon requiring Removal

Photo Log # DSC06051

Photo 6



Description: Damaged Section of Fencing for the Garbage Dump beside Sample Station GJO-5 requiring Repair



Photo Log # DSC06082

Photo 7



Description: Hamlet Staff actively Cleaning and Sorting Contents within the Garbage Dump perimeter – Thank You for this

Photo Log # DSC06080

Photo 8



Description: Old Fuel Tank the Hamlet plans to modify and use as a Burn Box for Non Hazardous Materials



Photo Log # DSC06083

Photo 9



Description: Crates of Used Batteries waiting for shipment South for proper disposal – Very Nice Job, Thank You Very Much!

Photo Log # DSC06086

Photo 10



Description: Temporary Storage Area for Used Batteries waiting to be Crated Up – Very Nice, Thank You Very Much!