



WATER LICENCE INSPECTION FORM

Original
 Follow-Up Report

| | | | |
|--|-----------------------------------|--|---------------------------------------|
| Licensee | | Licensee Representative | |
| Hamlet of Taloyoak | | Ted Laszczak | |
| Licence No. / Expiry | | Representative's Title | |
| 3BM-TAL1419 | | Senior Administrative Officer | |
| Land / Other Authorizations | | Land / Other Authorizations | |
| | | | |
| Date of Inspection | | Inspector | |
| 12 July 2018 | | 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 Water Licence | <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 | | |
| Flow Measure. Device | A | 3 | Culverts / Bridges | | | Spills | | |
| Source: | | | Drainage | | | Spill Plan | A | |
| Water Use: | A | | Erosion / Sediment | | | | | |
| Recirculation (y /n) | | | Mitigation Measures | | | Administrative | | |
| | | | Reclamation Activities | A | 4 | Records | A | 3 |
| | | | | C | 7 | Reports | A | |
| | | | Materials Storage | | | Plans | A | 5 |
| Waste Disposal | | | Signage | C | 1 & 6 | Notifications | | |
| Waste Water | A | | | A | 2 | | A | 8 |
| Solid Waste | A | | Monitoring | | | Other | | |
| Hazardous Waste | | | Sample Collection / Analysis | A | | | | |

**The number in the comments field will correspond with specific comments provided below.*

| | |
|---|---|
| Samples taken by Inspector: | Location(s): Sampling not possible on this visit due to heavy rain fall |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

SECTION 1 **Comments (s. __)** **Non-Compliance with Act or Licence (s. __)** **Action Required (s. __)**

On July 12, 2018 I Inspected the Hamlet of Taloyoak's Municipal Water License 3BM-TAL1419. I saw the Raw Water Intake and Water Treatment Plant and Truck Fill Station, Sample Station TAL-1, the Sewage Lagoon, Sample Station TAL-6 and the Garbage/Metal Dump. I was accompanied by Sabrina Karnouk and Laura Kim from Environment Canada, Shah Alam from GN CGS, as well as James Ashevak from the Hamlet of Taloyoak.

SECTION 2 **Comments** **Non-Compliance with Act or Licence** **Action Required**

At the Water Treatment Plant saw 1. The TAL-1 (Photo 1) Outdoor Sample Location, 2. The TAL-1 (Photo 2) Indoor Sample Location, 3. The Flow Meter (Photo 3) used to Calculate/Record the overall Raw Water Consumption Amounts, 4. The supply of Disposable Water Filters (Photo 4) used in the Filtration Process, 5. The area beside the Sewage Lagoon (Photo 5) where the GN & Hamlet plan to build a new Containment Cell in the near future, and 6. The TAL-6 (Photo 6) Sample Location which is the Final Compliance Point.

SECTION 3 **Comments** **Non-Compliance with Act or Licence** **Action Required**

1. Signage needs to be placed to allow identification of the exact spot of the TAL-1 Outdoor Sample Location, 2. The TAL-1 Indoor Sample Location is clearly marked as requested – Thank you very much, 3. YTD Consumption Amounts (23,625 Cubic Meters, well within their 60,000 allowable limits) were provided upon request – Thank you very much, 4. I applaud the Hamlet's efforts to send items south for recycling, such as the Disposable Water Filters, to reduce volumes at the Garbage Dump, 5. I applaud the Hamlet's (and GN) plan to add a Cell to the existing Sewage Lagoon in order to enhance the Natural Wetlands processing capabilities, 6. The TAL-6 Signage needs to be replaced as the existing one has disappeared, 7. The Hamlet is directed to update the Inspector when the Decommissioning of the old Water Plant starts, and 8. The Hamlet is encouraged to start the planning process to Renew this Water Licence as it is due to Expire in 2019.

| | |
|-----------------------------------|-------------------------|
| Licensee or Representative | Inspector's Name |
| | Baba Pedersen |
| Signature | Signature |
| | Signed Original on File |
| Date | Date |
| | 13 September 2018 |



Office Use Only:

Follow-up report to be issued by Inspector

Yes No

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 |
|--------------|----------------|---------------|---------------|
| 12 July 2018 | Sony DSC-HX50V | Baba Pedersen | 3BM-TAL1419 |

Photo Log # DSC02779 Location: Water Treatment Plant/Raw Water Intake

Photo 1



Description: TAL-1 Outdoor Sample Area at end of Raw Water Intake Pipe – No Visible Signage

Photo Log # DSC02782

Location: Water Treatment Plant

Photo 2



Description: TAL-1 Indoor Sample Area inside Water Treatment Plant – with Brass Tag Signage



Photo Log # DSC02781

Location: Water Treatment Plant

Photo 3



Description: Raw Water Intake Flow Meter used by the Hamlet to Calculate/Record overall Consumption amounts

Photo Log # DSC02789

Location: Container beside Water Treatment Plant

Photo 4



Description: 1 year supply of Water Filters in original boxes – Hamlet will re-box Used Filters for planned Recycling Shipment



Photo Log # DSC02794

Location: Sewage Lagoon

Photo 5



Description: Area above Sewage Lagoon where GN/Hamlet plan to build new Containment Cell in near future

Photo Log # DSC02798

Location: Final Compliance Point near Ocean

Photo 6



Description: TAL-6 Sample Location missing Signage – Requires Replacement