

Bijaya Adhikari

From: Judi Wall <sao_ulu@northwestel.net>
Sent: July 18, 2017 10:00 AM
To: Bijaya Adhikari
Cc: 'Lloyd Gruben'; Mardy Semmler; Freda Wilson
Subject: RE: N7L3-1525 Ulu - Ann Rep 2016 add info request
Attachments: 2016 IWB MWL Annual Report.doc

Hello Bijaya,

I have attached an updated Annual report with the requested information highlighted in red. Please let me know if you need any other information.

Regards,

Judi Wall

Senior Administrative Officer
Hamlet of Ulukhaktok
PO Box 157
Ulukhaktok, NT X0E 0S0
Phone: 867-396-8013
Fax: 867-396-8001
Cell: 867-620-0224

From: Bijaya Adhikari [mailto:adhikarib@inuvwb.ca]
Sent: July-13-17 2:20 PM
To: Judi Wall <sao_ulu@northwestel.net>
Cc: Lloyd Gruben <Lloyd_Gruben@gov.nt.ca>; Mardy Semmler <semmlerm@inuvwb.ca>; Freda Wilson <wilsonf@inuvwb.ca>
Subject: N7L3-1525 Ulu - Ann Rep 2016 add info request

Good Afternoon Judi,

Please find attached a copy of additional information request regarding Municipal Water Licence N7L3-1525 – Annual Report 2016.

The original to the Mayor will follow in the mail.

Sincerely,

Bijaya

*Bijaya Adhikari, PhD
Science and Regulatory Coordinator
Inuvialuit Water Board
P.O. Box 2531, Inuvik, NT X0E 0T0
Tel: (867) 678-8610*

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WATER
BOARD

Hamlet of Ulukhaktok

Water License Number: N7L3-1525

Municipal Water License

Annual Report for the Year 2016

Date Prepared: May 31, 2017

Municipal Water License Annual Report

Hamlet of Ulukhaktok
License # N7L3-1525
Reporting year 2017

1. Water Usage

Table 1: Monthly and annual quantities of fresh water obtained from all sources

| Month | Volume from Source (m ³ or L) | Volume from any other Source (m ³ or L) |
|--|--|--|
| January | 1563 | 0 |
| February | 1736 | 0 |
| March | 1813 | 0 |
| April | 1533 | 0 |
| May | 1742 | 0 |
| June | 2076 | 0 |
| July | 2225 | 0 |
| August | 1735 | 0 |
| September | 1408 | 0 |
| October | 1324 | 0 |
| November | 1952 | 0 |
| December | 1448 | 0 |
| TOTALS | 20,555 | 0 |
| ANNUAL TOTAL (m³ or L) | 20,555 | |
| % Increase or decrease from previous year | | |

Reasons for increase / decrease (if applicable):

Reasons for exceeding licensed withdrawal volumes (if applicable):

General information:

2. Sewage Disposal

Table 2: Monthly and annual quantities of sewage discharged to the sewage disposal facilities

| Month | Volume of sewage discharged (m ³ or L) |
|--|--|
| January | 1,116,634 |
| February | 1,230,190 |
| March | 1,222,596 |
| April | 1,078,758 |
| May | 1,110,925 |
| June | 1,088,219 |
| July | 1,139,318 |
| August | 1,148,777 |
| September | 1,071,178 |
| October | 1,057,933 |
| November | 1,076,863 |
| December | 959,523 |
| ANNUAL TOTAL (m³ or L) | 13,300,914 |
| % Increase or decrease from previous year | |

3. Hazardous Waste Storage and Transportation

On Table 3, list the types of hazardous waste accepted into the facility including volumes.

Table 3: Monthly and annual quantities of hazardous waste stored on site and transported off site

| Month | Type of hazardous waste accepted (Volume in m ³ or L) | Type of hazardous waste transported off site (Volume in m ³ or L) |
|--|---|---|
| January | 0 | 0 |
| February | 0 | 0 |
| March | 0 | 0 |
| April | 0 | 0 |
| May | 0 | 0 |
| June | 0 | 0 |
| July | 0 | 0 |
| August | 0 | 0 |
| September | 0 | 0 |
| October | 0 | 0 |
| November | 0 | 0 |
| December | 0 | 0 |
| ANNUAL TOTAL (m³ or L) | 0 | 0 |
| % Increase or decrease from previous year | | |

If hazardous waste has been transported off site this year, please describe how it was transported and the final destination:

Please include treatment or disposal plans for the remaining quantities:

Please describe any changes or improvements to temporary hazardous waste storage areas:

4. Sewage Sludge Removal

Table 4: Monthly and annual quantities of sewage sludge removed from the sewage disposal facilities and disposal location

| Month | Volume of sewage sludge removed (m ³ or L) | Disposal location |
|--|---|-------------------|
| January | 0 | 0 |
| February | 0 | 0 |
| March | 0 | 0 |
| April | 0 | 0 |
| May | 0 | 0 |
| June | 0 | 0 |
| July | 0 | 0 |
| August | 0 | 0 |
| September | 0 | 0 |
| October | 0 | 0 |
| November | 0 | 0 |
| December | 0 | 0 |
| | | |
| ANNUAL TOTAL (m³ or L) | 0 | 0 |
| % Increase or decrease from previous year | | |

5. Problems, Modifications or Repairs Completed During the Year on Water Supply and Waste Disposal Facilities

Include any changes to infrastructure of all facilities completed during the year, including any changes, repairs and modifications. Please note any problems that occurred during the year. If there are no changes, make note of that also.

No modifications were made to the Water Treatment Plant, to the Sewage Lagoon and to the Solid Waste Facility.

6. SNP Data

A condition of the Water License is the Surveillance Network Program (SNP). The SNP outlines the sampling requirements and frequency at monitoring stations. *In table 5, insert the sites sampled during the reporting year and the sampling period (sampling date). Attach the complete Taiga Laboratory results, with your "Municipal Water Licence Annual Report" to the Inuvialuit Water Board.*

Table 5: Sampling station and sampling period

| Sampling station | After break-up | Prior to freeze-up |
|-------------------------------|-----------------------|---------------------------|
| Clearwell tank (holding tank) | | Dec. 7, 2016 |
| SNP# 1525-2 | July 26, 2016 | |
| SNP# 1525-3 | July 26, 2016 | |
| SNP# 1525-4 | July 26, 2016 | |
| SNP# 1525-5A | July 26, 2016 | |
| SNP# 1525-5B | July 26, 2016 | |

7. Spills and Unauthorized Discharges

List any spills and unauthorized discharges, how and when they were reported, and clean up methods.

There were no spills or unauthorized discharges to report.

8. Spill Response Training and/or other Operator Training

Please provide a description of any Spill Response Training and/or other operator training carried out during the year.

William Joss attended the NTWWA's 2016 conference, tradeshow, AGM and Operators Workshop in November 2016. He also attended the IWB Workshop in Inuvik this past February.

9. Closure and Reclamation

Include a description of any closure, remediation and/or reclamation activities completed during the year and an outline of any work anticipated for next year.

There were no closure or reclamation activities completed this year. Each spring a cleanup is done around the solid waste facility, including the land around the river. Work is planned to drain the fluids from the existing vehicles at the solid waste facility. The Hamlet is hoping to send the vehicle bodies out in the future.

10. Studies Requested by the Board that Relate to Water Use, Waste Disposal or Closure and Reclamation

If the Board has requested that specific studies be completed or have asked for specific information be included in the annual report, include these details in this section. Include a summary report of the study completed and the results. Include as attachments with the submission of the Annual Report. Include details of any upcoming studies that will be completed by the Hamlet.

No studies were requested by the Board and none are planned for the future at this time.

11. Updates or Revisions to Approved Plans

Include details on any changes to approved plans such as the Solid and Sewage Waste Disposal Facilities Operating and Maintenance Plan (O&M Plan) or any other plans specific to your Water License.

- *Spill Contingency Plan*
- *Solid Waste Disposal Facilities Operation and Maintenance Plan*
- *Sewage Disposal Facilities Operation and Maintenance Plan*
- *Hazardous Waste Management Plan*
- *Closure and Reclamation Plan*

There have been no changes to the approved plans.

12. Inspection of Dams, Berms, Dykes and Control Structures

Include results of any inspections of all dams, berms, dykes and control structures related to the water intake facilities, solid waste disposal facilities, sewage disposal facilities and/or any other specific to your water license.

Water intake facilities are all in good working order.

13. Inspections on all Water and Waste Disposal Facilities

Include results of regular staff inspections on all water and waste disposal facilities authorized under this license and any corrective actions taken, as necessary.

All facilities are in good condition.

14. Correspondence between the Inspector and the Licensee

Include all correspondence between the Inspector and the Licensee with your annual report.

15. Other Information

Include any other details on waste disposal requested by the Board by November 1, of the year being reported. In this section you may include non-compliance items identified in the inspection reports and how the Hamlet is addressing them. If there are any contaminated soil piles currently in use, please list the details of containment, remediation, and progress in this section. Ongoing issues with compliance can be identified here. If the IWB is aware of ongoing problems with the license, discussions can occur to find a resolution.

None to report.