



Telephone: 867-678-8090 ext. 24653  
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September 13, 2023

Incorporated Hamlet of Tuktoyaktuk  
Box 120  
Tuktoyaktuk, NT X0E 1C0

**Attention: Mayor Erwin Elias**

**File Number** N7L3-0714  
**Type of Operation** CLASS B - MUNICIPAL  
**Location** Kudlak Lake

Dear Mayor Erwin Elias,

An inspection of the above noted operation was conducted on September 12, 2023 by Resource Management Officer Herbert Allen and Resource Management Officer Bradley Voudrach.

Enclosed is a copy of the MUNICIPAL Water Use Inspection Report.

If you have any questions, please contact me at 867-678-8090 ext. 24653.

Sincerely,

Herbert Allen  
Resource Management Officer  
Department of Environment and Climate  
Change Land and Water  
Beaufort Delta Region

Cc:

Donald Arey, Acting Regional Superintendent, Department of Environment and Climate Change Land and Water, Beaufort Delta Region  
Mardy Semmler, Executive Director, Inuvialuit Water Board  
Bijaya Adhikari, Science and Regulatory Coordinator, Inuvialuit Water Board  
Mayor and Town Council, Hamlet of Tuktoyaktuk

Bag Service 1, Inuvik, NT X0E 0T0



«INSP\_TYPE» WATER USE INSPECTION REPORT

|              |                                    |                      |                    |
|--------------|------------------------------------|----------------------|--------------------|
| LICENCE #:   | N7L3-0714                          | EXPIRY DATE:         | November 20, 2023  |
| LICENCEE:    | Incorporated Hamlet of Tuktoyaktuk | PREVIOUS INSPECTION: | July 19, 2021      |
| COMPANY REP: | Mayor Erwin Elias                  | INSPECTION DATE:     | September 12, 2023 |

WATER SUPPLY

|                 |                       |                |     |
|-----------------|-----------------------|----------------|-----|
| Source:         | Kudlak Lake           | Quantity Used: | A   |
| Owner/Operator: | Hamlet of Tuktoyaktuk | Meter Reading: | N/A |

Indicate:     A - Acceptable     U - Unacceptable     N/A - Not Applicable     N/I - Not Inspected

|                   |   |                    |     |                   |   |               |     |
|-------------------|---|--------------------|-----|-------------------|---|---------------|-----|
| Intake Facilities | A | Storage Structures | A   | Treatment Systems | A | Recycling     | N/A |
| Flow Meas. Device | A | Conveyance Lines   | N/A | Pumping Stations  | A | Chem. Storage | A   |
|                   |   |                    |     |                   |   | Modifications | A   |

Water Supply Comments:

During the inspection at the water treatment plant on September 12, 2023 there were no concerns observed by the inspectors. The water treatment plant was clean and organized and all the documents required for the operation of the treatment plant were on site and in order. During the time of the inspection the Hamlet was in the process of filling the reservoir and there was no concerns by the inspectors.

WASTE DISPOSAL – SEWAGE

|                        |   |                        |   |                    |   |                   |   |
|------------------------|---|------------------------|---|--------------------|---|-------------------|---|
| Disposal Method        |   | Land Fill              |   |                    |   |                   |   |
| Mechanical             | N | Camp Sump              | N | Natural Water Body | N | Wetland Treatment | Y |
| Continuous Discharge   | N | Intermittent Discharge | N | Seasonal Discharge | N | Land Spread       | N |
| Accelerated Biological | N | Other                  |   |                    |   |                   |   |

Indicate:     A - Acceptable     U - Unacceptable     N/A - Not Applicable     N/I - Not Inspected

|                          |                               |                             |     |                              |     |
|--------------------------|-------------------------------|-----------------------------|-----|------------------------------|-----|
| Discharge Quality        | A                             | Decant Process & Structures | A   | Discharge Measurement Device | N/I |
| Freeboard                | A                             | Sludge Disposal Method      | N/A |                              |     |
| Periods Of Discharge     | Daily                         |                             |     | SNP Samples Collected        | N/A |
| Effluent Discharge Rates | Natural outflow into wetlands |                             |     |                              |     |

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Sewage Comments:

During the inspection at the sewage lagoon there were no concerns observed by the inspectors. The dumping chutes looked in good order and there is no concerns by the inspectors.

WASTE DISPOSAL – SOLID WASTE

|                  |                       |          |   |                 |   |             |   |
|------------------|-----------------------|----------|---|-----------------|---|-------------|---|
| Disposal Method  |                       |          |   |                 |   |             |   |
| Open Dump        | Y                     | Landfill | Y | Burn & Landfill | Y | Underground | Y |
| Offsite Removal  | Y                     | Other    |   |                 |   |             |   |
| Owner / Operator | Hamlet of Tuktoyaktuk |          |   |                 |   |             |   |

Indicate:     A - Acceptable     U - Unacceptable     N/A - Not Applicable     N/I - Not Inspected

|                  |     |                       |  |
|------------------|-----|-----------------------|--|
| Runoff Diversion | N/A | SNP Samples Collected |  |
|------------------|-----|-----------------------|--|

Solid Waste Comments:

During the inspection at the solid waste disposal site there were no concerns observed by the inspectors. During the inspection the gate was open as it was during regular working hours. All the waste at the site were separated into specific locations with signage for the different waste types.

FUEL STORAGE

Indicate:     A - Acceptable     U - Unacceptable     N/A - Not Applicable     N/I - Not Inspected

|                |                       |                    |                       |                     |    |
|----------------|-----------------------|--------------------|-----------------------|---------------------|----|
| Owner:         | Hamlet of Tuktoyaktuk | Operator:          | Hamlet of Tuktoyaktuk | Condition of tanks: | A  |
| Berms & Liners | N/I                   | Water within Berm: | no                    | Evidence of Leaks:  | no |

|                    |     |                                 |     |                  |     |
|--------------------|-----|---------------------------------|-----|------------------|-----|
| Drainage Pipes     | N/I | Pump Station and Catchment Berm | N/I | Runoff Diversion | N/I |
| Pipeline Condition | N/I |                                 |     |                  |     |

Fuel Storage Comments:

During the inspection at the temporary hazardous waste containment site there were no concerns observed by the inspectors. All the hazardous waste were stored in proper containers in a fenced in site.



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SURVEILLANCE NETWORK PROGRAM

|                               |  |
|-------------------------------|--|
| Samples Collected<br>Licencee |  |
| Samples Collected ENR         |  |

|                   |  |         |  |
|-------------------|--|---------|--|
| Signs Posted: SNP |  | Warning |  |
|-------------------|--|---------|--|

Surveillance Network Program Comments:

Any samples or reports should be brought to the attention of Lloyd Gruben the Water Resource Officer for review.

GENERAL CONDITIONS/REPORTS/PLANS

Indicate:      A - Acceptable      U - Unacceptable      N/A - Not Applicable      N/I - Not Inspected

|                         |     |                     |     |                  |     |
|-------------------------|-----|---------------------|-----|------------------|-----|
| C &R Plan               | N/I | Records & Reporting | N/I | Final Report     | N/I |
| Geotechnical Inspection | A   | Posting, Signage    | A   | Contingency Plan | N/I |
| Restorations Activities | A   | Spills              | A   | O&M Plan         | N/I |
| Maintenance             | A   | Modifications       | N/I | Annual Report    | N/I |

General Condition Comments:

Any samples or reports should be brought to the attention of Lloyd Gruben the Water Resource Officer for review.

ADDITIONAL COMMENTS/REMARKS

Herbert Allen and Bradley Voudrach, Resource Management officers were filling in for Lloyd Gruben who is the Water Resource Officer. This was the first time I have conducted an inspection of the this type of licence and may have missed a few things.

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

Inspector’s Signature:



## «INSP\_TYPE» WATER USE INSPECTION REPORT

## INSPECTION IMAGES

### Figure 1

**Coliiform Presence / Absence Bacteriological Water Sampling Records**  
**ENVIRONMENTAL HEALTH SERVICES**  
 Phone (867) 669-8979 (867) 669-7517 Fax  
 This Form Must Be Faxed to (867) 669-7517 or emailed to

weekly

Community Name TUKTOYAKTUIK

| Location of Sample<br>Treated or Raw | Sampled by | Date/Time<br>Sample<br>collected | Date/Time<br>Sample read | Total<br>Coliiforms | E coli | Comments |
|--------------------------------------|------------|----------------------------------|--------------------------|---------------------|--------|----------|
| RAW                                  | WAYNE      | 06/09/23<br>1:05 PM              | 07/09/23<br>1:35 PM      | A                   | A      |          |
| YOUTH<br>CENTER                      | "          | 06/09/23<br>1:10 PM              | 07/09/23<br>1:35 PM      | A                   | A      |          |
| KITTI HALL                           | "          | 06/09/23<br>1:15 PM              | 07/09/23<br>1:35 PM      | A                   | A      |          |
| HAMLET<br>OFFICE                     | "          | 06/09/23<br>1:30 PM              | 07/09/23<br>1:35 PM      | A                   | A      |          |
|                                      |            |                                  |                          |                     |        |          |
|                                      |            |                                  |                          |                     |        |          |
|                                      |            |                                  |                          |                     |        |          |
|                                      |            |                                  |                          |                     |        |          |

(revised October 2004)

### Figure 2







«INSP\_TYPE» WATER USE INSPECTION REPORT

Figure 3



Figure 4







«INSP\_TYPE» WATER USE INSPECTION REPORT

Figure 5



Figure 6







«INSP\_TYPE» WATER USE INSPECTION REPORT

Figure 7



Figure 8







«INSP\_TYPE» WATER USE INSPECTION REPORT

Figure 9



Figure 10

