



## INDUSTRIAL WATER LICENCE INSPECTION REPORT

|                  |                                      |                     |                 |
|------------------|--------------------------------------|---------------------|-----------------|
| <b>DATE:</b>     | March 7 & 18, 2005                   | <b>COMPANY REP:</b> | Garland Auvigne |
| <b>LICENSEE:</b> | Imperial Oil Resources Ventures Ltd. | <b>LICENCE #:</b>   | N7L1-1803       |

### WATER SUPPLY – Figure 1 below

|         |            |                |                          |            |              |
|---------|------------|----------------|--------------------------|------------|--------------|
| Source: | Peter Lake | Quantity Used: | < 300 m <sup>3</sup> day | Meter Rdg: | By truckload |
|---------|------------|----------------|--------------------------|------------|--------------|

| Indicate:         | A - Acceptable | U - Unacceptable   | N/A - Not Applicable | N/I - Not Inspected |     |               |     |
|-------------------|----------------|--------------------|----------------------|---------------------|-----|---------------|-----|
| Intake Facilities | A              | Storage Structures | N/A                  | Treatment Systems   | N/A | Recycling     | N/A |
| Flow Meas. Device | N/A            | Conveyance Lines   | N/A                  | Pumping Stations    | A   | Modifications | N/A |

### Concerns:

- As a reminder, as per Part C1 please ensure proper avenues are utilized when considering “additional” water sources. As indicated in Part C1 “The Licensee may obtain water from additional water sources where and when approved in writing by the Inspector”. Consequently, final approval of additional water sources is via your Water Licence and not Department and Fisheries and Oceans (DFO). Please note that DFO, along with other organizations are essential/integral components of the process when considering additional water source approval under your Water Licence.

### Notes:

- Please note that the KP-T0 Taglu Production Facility Staging Area (TPFSA)(Figures 1-8) was not apart of this ‘Application’ and Water Licence. Since water withdrawal was <100 m<sup>3</sup>/day, and there was no deposit of waste no Water Licence was required. However, please note that details pertaining to this undertaking were included in this Inspection Report.**
- As per Part C1, Borrow sites (2.029PB, & 2.029P) locations required water from Peter Lake (Lake ID 10BC). Water was used for access construction. It is my understanding, as per water records, that Peter Lake was the only source utilized for water withdrawal. Lake ID 25 (near site 2.029PB) & 28 (near piggig facility) were not used.
- Water withdrawal records provided on February 17 & 20 of ISR program are in good order. Daily water withdrawal limit of <300 m<sup>3</sup>/day from all sources was not exceeded.
- As per part C2, Dissolved Oxygen readings were taken. Problems were noted with the meter at freezing temperatures.
- Weekly Water Intake Summary Reports pertaining to TPFSA indicated negligible water use from Mackenzie River (Harry Channel) and was <100 m<sup>3</sup>/day. No waste was discharged.
- Fish screens utilized at Peter Lake and TPFSA (Figure 1) were appropriate. Fish screens at Peter Lake were inspected by Conrad Beatz.

### WASTE DISPOSAL – Figure 2 attached

| Indicate:                | A - Acceptable     | U - Unacceptable      | N/A - Not Applicable   | N/I - Not Inspected  |     |           |             |
|--------------------------|--------------------|-----------------------|------------------------|----------------------|-----|-----------|-------------|
| <b>Well Wastes:</b>      | Drilling Sump: N/A | Off-Site Removal: N/A | Downhole: N/A          | Landspread: N/A      |     |           |             |
| <b>Sewage:</b>           | Sewage Treat: N/A  | Camp Sump: N/A        | Nat. Water Body: N/A   | Wetlands Treat.: N/A |     |           |             |
|                          | Continuous: N/A    | Inter. Discharge: N/A |                        |                      |     |           |             |
| <b>Solid Waste:</b>      | Open Dump: N/A     | Landfill: Inuvik      | Burn & Bury: N/A       | Underground: N/A     |     |           |             |
| Discharge Quality        | N/A                | Conveyance Lines      | N/A                    | Disch. Meas. Dev.    | N/A | Freeboard | N/A         |
| Decant Structures        | N/A                | Sump Treatment        | N/A                    | Dams, Dykes          | N/A | Seepages  | N/A         |
| Sump Liners              | N/A                | Runoff Diversion      | N/A                    | Erosion              | N/A | Spills    | 05-098, 105 |
| Effluent Discharge Rate: | N/A – See notes.   |                       | SNP Samples Collected: | N/A – See notes.     |     |           |             |

Concerns: No concerns at this time as there is no on site Waste Disposal (sewage and grey water).

### Notes:

- Program personnel (ColtKBR) are being housed via Swimming Point Base Camp (N7L1-1758). Please refer to March 14, 2005 N7L1-1758 Inspection Report.
- All spills have been minor. NWT Spill Report Line reportable spills 05-098 and 105 were small. These spills will be “Recommended for File Closure”.
- Please ensure all spill reporting conforms to INAC Protocol including the February 25 Amendment.

**GENERAL CONDITIONS** – Figures 3-8 below

| Indicate:               | A - Acceptable | U - Unacceptable    | N/A - Not Applicable | N/I - Not Inspected   |
|-------------------------|----------------|---------------------|----------------------|-----------------------|
| Maintenance             | N/A            | Records & Reporting | A                    | Surv. Net. Prog.(SNP) |
| Geotechnical Inspection | N/A            | Posting, Signage    | N/A                  | Contingency Plan      |
| A & R Plan              | N/A            | Modifications       | N/A                  | Fuel/Products Storage |
| Groundwater Discharge   | N/A            | Chemical Storage    | N/A                  | Annual Report         |

Concerns: No concerns at this time.

Notes:


- Weekly Environmental Reports received by this office. No concerns noted.
- Hazmats are being utilized (Figure 4, 5).

|   |   |
|---|---|
| <i>Non Compliance / Violations of Act or License:</i> | <i>No Non-compliance / Violations of Act or Licence</i> |
|---|---|

General / Additional Inspection Comments:

1. Please ensure that a copy of the Water Licence is available at “sites of operation” at all times.
2. **As per Part B1, please ensure that a Final Report is filed with the board not later than June 1<sup>st</sup>, 2005. Please note that undertakings pertaining to the Taglu program and/or TPFSA do not need to be included in the Final report as the undertaking was not included in the ‘Application’. Please provide details under the prospective Land use Permit.**

|                |     |   |    |  |
|----------------|-----|---|----|--|
| Figures Below: | Yes | X | No |  |
|----------------|-----|---|----|--|

|  |   |
|--|---|
| <i>Inspectors Name</i><br>Kevin R. Glowa (M.Sc.,R.P. Bio.)<br>Water Resource Officer | <i>Inspectors Signature</i><br> |
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## LIST OF FIGURES FOR INSPECTION REPORT

**Figure 1. Water Supply.** Water Withdrawal fish screen at KP-T0 TPFSA (See figure 8)



**Figure 2. Waste Disposal.** Sewage tank at KP-T0 TPFSA.



**Figure 3. General.** Fuel storage at generator shack at KP-T0 TPFSA.



**Figure 4. General.** Fuel Storage at KP-T0 TPFSA.



**Figure 5. General.** Hazmats being utilized at KP-T0 TPFSA.



**Figure 6. General.** Production facility KP-T0 TPFSA.



**Figure 7. General.** KP-T0 Taglu Production Facility Staging Area (TPFSA) on March 18, 2005.



**Figure 8. General.** Drill at KP-T0 TPFSA.

