

**GENERAL PROCEDURES FOR THE ADMINISTRATION OF LICENCES
ISSUED UNDER THE NORTHWEST TERRITORIES WATERS ACT
IN THE NORTHWEST TERRITORIES**

1. At the time of issuance, a copy of the Licence is placed on the Water Register in the Office of the Northwest Territories Water Board in Yellowknife, and is then available to the public.
2. To enforce the terms and conditions of the Licence, the Minister of Indian Affairs and Northern Development has appointed Inspectors in accordance with Section 35(1) of the *Northwest Territories Waters Act*. The Inspectors coordinate their activities with officials of the Water Resources Division of the Department of Indian Affairs and Northern Development. The Inspector responsible for Licence No. N7L1-1786 is located in the South Mackenzie District - Fort Smith Sub-District Office.
3. To keep the Water Board and members of the public informed of the Licensee's conformity to Licence conditions, the Inspectors prepare reports which detail observations on how each item in the Licence has been met. These reports are forwarded to the Licensee with a covering letter indicating what action, if any, should be taken. The inspection reports and covering letters are placed on the public Water Register, as are any responses received from the Licensee pertaining to the inspection reports. It is therefore of prime importance that you react in all areas of concern regarding all inspection reports so that these concerns may be clarified.
4. If the renewal of Licence No. N7L1-1786 is contemplated it is the responsibility of the Licensee to apply to the Water Board for renewal of the Licence. The past performance of the Licensee, new documentation and information, and points raised during a public hearing, if required, will be used to determine the terms and conditions of any Licence renewal. Please note that if the Licence expires and another has not been issued, then water and waste disposal must cease, or you, the Licensee, would be in contravention of the *Northwest Territories Waters Act*. It is suggested that an application for renewal of Licence No. N7L1-1786 be made at least eight months in advance of the Licence expiry date.
5. If, for some reason, Licence No. N7L1-1786 requires amendment, then a public hearing may be required. You are reminded that applications for amendments should be submitted as soon as possible to provide the Water Board with ample time to go through the amendment process. The process may take up to six (6) months or more depending on the scope of the amendment requested.

The Surveillance Network Program annexed to the Licence can be modified at the discretion of the Board and does not require a public hearing. A request for any proposed change to the Surveillance Network Program should be forwarded to the Board in writing, including a rationale for the change.

6. Specific clauses of your Licence make reference to the Board, Analyst or Inspector. The contact person, address, phone and fax number of each is:

BOARD: Executive Assistant
Northwest Territories Water Board
P.O. Box 1500
YELLOWKNIFE, NT X1A 2R3

Phone No: (867) 669-2772
Fax No: (867) 669-2719

ANALYST: Analyst
Water Laboratory
Northern Affairs Program
Department of Indian Affairs
and Northern Development
Box 1500
4601 - 52nd Avenue
YELLOWKNIFE, NT X1A 2R3

Phone No: (867) 669-2780
Fax No: (867) 669-2718

INSPECTOR: Inspector
North Mackenzie District Office - Inuvik
Northern Affairs Program
Department of Indian Affairs
and Northern Development
P.O. Box 2100
INUVIK, NT X0E 0T0

Phone No: (867) 777-3361
Fax No: (867) 777-2090

NORTHWEST TERRITORIES WATER BOARD

Pursuant to the *Northwest Territories Waters Act* and Regulations the Northwest Territories Water Board, hereinafter referred to as the Board, hereby grants to

CYNTECH TANK SERVICES INC.

(Licensee)

6767-84 Street S.E.

of

CALGARY, ALBERTA T2C 4T6

(Mailing Address)

hereinafter called the Licensee, the right to alter, divert or otherwise use water subject to the restrictions and conditions contained in the *Northwest Territories Waters Act* and Regulations made thereunder and subject to and in accordance with the conditions specified in this Licence.

Licence Number

N7L1-1786

Licence Type

"B"

Water Management Area

NORTHWEST TERRITORIES 07

Location

Swimming Point base camp located at approximately Latitude 69°10' N. and Longitude 134°15' W.

NORTHWEST TERRITORIES

Purpose

TO USE WATER AND DISPOSE OF WASTE FOR INDUSTRIAL UNDERTAKINGS

Description

HYDROSTATIC TEST STORAGE TANKS

Quantity of Water Not to be Exceeded

3000 CUBIC METRES MAXIMUM

Effective Date of Licence

AUGUST 1, 2002

Expiry Date of Licence

SEPTEMBER 30, 2002

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This Licence issued and recorded at Yellowknife includes and is subject to the annexed conditions.

NORTHWEST TERRITORIES WATER BOARD

liz Astaveda

Witness

John White
Chairman

PART A: SCOPE AND DEFINITIONS

1. Scope

- a) This Licence entitles Cyntech Tank Services Inc. to use water and dispose of waste for industrial undertakings in hydrostatic testing of used fuel tanks at the Swimming Point base camp located approximately at Latitude 69°10' N. and Longitude 134°15' W., Northwest Territories;
- b) This Licence is issued subject to the conditions contained herein with respect to the taking of water and the depositing of waste of any type in any waters or in any place under any conditions where such waste or any other waste that results from the deposits of such waste may enter any waters. Whenever new Regulations are made or existing Regulations are amended by the Governor in Council under the *Northwest Territories Waters Act*, or other statutes imposing more stringent conditions relating to the quantity or type of waste that may be so deposited or under which any such waste may be so deposited this Licence shall be deemed, upon promulgation of such Regulations, to be automatically amended to conform with such Regulations; and
- c) Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with the requirements of all applicable Federal, Territorial and Municipal legislation.

2. Definitions

In this Licence: **N7L1-1786**

"Act" means the *Northwest Territories Waters Act*;

"Analyst" means an Analyst designated by the Minister under Section 35(1) of the *Northwest Territories Waters Act*;

"Board" means the Northwest Territories Water Board established under Section 10 of the *Northwest Territories Waters Act*;

"Inspector" means an Inspector designated by the Minister under Section 35(1) of the *Northwest Territories Waters Act*;

"Licensee" means the holder of this Licence;

"Modification" means an alteration to a physical work that introduces a new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion;

"Waste" means waste as defined by Section 2 of the *Northwest Territories Waters Act*; and

"Waters" means waters as defined by Section 2 of the *Northwest Territories Waters Act*.

PART B: GENERAL CONDITIONS

1. The water use fee shall be paid in advance.
2. The Licensee shall file a report with the Board not later than December 1, 2002, which shall contain the following information:
 - a) the total quantity of water withdrawn from the Mackenzie River;
 - b) the total quantities in cubic metres of each and all Waste discharged;
 - c) the results of sampling carried out under the Surveillance Network Program;
 - d) a list of any unauthorized discharges;
 - e) details of work completed, including restoration of the area; and
 - f) any other details on water use or waste disposal requested by the Board by November 1, 2002.
3. All monitoring data shall be submitted in printed form and electronically in spreadsheet format on a diskette or other electronic forms acceptable to the Board.
4. All reports shall be submitted to the Board in printed format accompanied by an electronic copy in a common word processing format on diskette or other electronic forms acceptable to the Board.

5. The Licensee shall comply with the "Surveillance Network Program" annexed to this Licence, and any amendment to the said "Surveillance Network Program" as may be made from time to time, pursuant to the conditions of this Licence.
6. Meters, devices or other such methods used for measuring the volumes of water used and waste discharged shall be installed, operated and maintained by the Licensee to the satisfaction of an Inspector.
7. The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times.

PART C: CONDITIONS APPLYING TO WATER USE

1. The Licensee shall obtain all fresh water needed for cleaning and hydrostatic testing from the East Channel of the Mackenzie River, or as otherwise approved by an Inspector.
2. Where practical, the Licensee shall minimize freshwater use by serially transferring water from one tank to another.
3. The water intake hose used on the water pump shall be equipped with a screen with a mesh size sufficient to ensure no entrainment of fish.
4. The volume of freshwater withdrawn shall not exceed 3000 cubic metres.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. All effluent discharged to the Mackenzie River shall meet the following effluent quality requirements:

<u>Sample Parameter</u>	<u>Maximum Concentration</u>
Total Lead	7 µg/L
Total Iron	300 µg/L
Total Nickel	150 µg/L
Total Zinc	30 µg/L
Oil and Grease	5.0 mg/L

The Waste discharged shall have a pH between 6 and 9.

2. All analyses shall be conducted in accordance with methods prescribed in the current edition of "Standard Methods for the Examination of Water and Wastewater" or by such other methods as may be approved by an Analyst.
3. The Licensee must notify an Inspector at least five (5) days prior to any discharge of water from Tank #1 and/or Tank #2.
4. The Licensee may commence the discharge of water from Tank #1 and/or Tank #2 upon receipt of an Inspector's approval.
5. The Licensee shall discharge the water from Tank #1 and Tank #2 in batches, and it shall be discharged back into the Mackenzie River in such a manner so as to prevent or minimize erosion.

PART E: CONDITIONS APPLYING TO SPILL PREVENTION AND CONTINGENCY PLANNING

1. If, during the period of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a) report the incident immediately via the 24 Hour Spill Reporting Line (867) 920-8130; and

- b) submit to an Inspector a detailed report on each occurrence not later than thirty (30) days after initially reporting the event.

PART G: CONDITIONS APPLYING TO MODIFICATIONS

1. The Licensee may, without written approval from the Board, carry out Modifications to the planned undertakings provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:
 - a) the Licensee has notified an Inspector in writing of such proposed Modifications at least five (5) days prior to beginning the Modifications;
 - b) such Modifications do not place the Licensee in contravention of either this Licence or the Act;
 - c) an Inspector has not, during the five (5) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than five (5) days; and
 - d) an Inspector has not rejected the proposed Modifications.

2. Modifications for which all of the conditions referred to in Part E, Item 1 have not been met may be carried out only with written approval from an Inspector.

NORTHWEST TERRITORIES WATER BOARD

Liz Estabedra
Witness

[Signature]
Chairman

NORTHWEST TERRITORIES WATER BOARD

LICENSEE: CYNTECH TANK SERVICES
INC.

LICENCE NUMBER: N7L1-1786

EFFECTIVE DATE OF LICENCE: August 1, 2002

EFFECTIVE DATE OF
SURVEILLANCE NETWORK PROGRAM: August 1, 2002

SURVEILLANCE NETWORK PROGRAM

A. Location of Sampling Stations

<u>Station Number</u>	<u>Description</u>
1786-1	Water held in Tank #1, prior to return to the source.
1786-2	Water held in Tank #2, prior to return to the source.

B. Sampling and Analysis Requirements

1. Effluent at stations 1786-1 and 1786-2, shall be sampled once prior to discharge, and analysed for the following parameters:

Total Lead
Total Zinc
Total Nickel

Total Iron
Oil and Grease

2. All sampling and sample preservation shall be conducted in accordance with procedures and methods approved by an Analyst.
3. All analyses shall be performed in a laboratory approved by an Analyst.

C. Flow and Volume Measurement Requirements

1. The total volume of freshwater withdrawn from the approved water source shall be recorded in cubic metres.

NORTHWEST TERRITORIES WATER BOARD

Wiz Asbueeda
Witness

[Signature]
Chairman