

CODE OF PRACTICE FOR TANKER TRUCK WASHING FACILITIES

ALBERTA ENVIRONMENTAL PROTECTION

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CODE OF PRACTICE FOR TANKER TRUCK WASHING FACILITIES

ALBERTA ENVIRONMENTAL PROTECTION

Preface

1(1) The Code of Practice for Tanker Truck Washing Facilities is incorporated by the *Substance Release Regulation* (A.R. 124/93), under the authority of section 36 of the *Environmental Protection and Enhancement Act*. Persons responsible for facilities affected by this Code must meet all its requirements to ensure that their activities are in compliance with Alberta's environmental laws. In addition to the requirements of this Code of Practice, persons responsible must comply with all requirements of the *Environmental Protection and Enhancement Act*, its associated regulations, and all other applicable laws.

(2) Persons responsible for facilities affected by this Code must register with Alberta Environmental Protection prior to commencing operation of tanker truck washing facilities. Section 4 of this Code deals with registration in greater detail.

Introduction

2(1) This Code of Practice outlines the minimum environmental requirements for the construction and operation of tanker truck washing facilities. It is based on current knowledge and acceptable practice and is intended to document these practices for the tanker truck washing industry. These requirements must be complied with by persons responsible for tanker truck washing facilities within the Province of Alberta. As well, persons responsible should consult with persons or parties that may be affected by the facility's operations.

(2) Questions or concerns regarding the application or contents of this Code of Practice can be addressed to:

Alberta Environmental Protection
Northeast Boreal & Parkland Regions
Regional Director
5th Floor, 9820 - 106 Street
Edmonton, AB T5K 2J6
Phone: (403)427-5836
Fax: (403)422-5120

or:

Alberta Environmental Protection
Northwest Boreal & Northern East Slopes Regions
Regional Director
203, 111 - 54 Street
Edson, AB T7E 1T2
Phone: (403)723-8395

Fax: (403)723-8542

or:

Alberta Environmental Protection
Southern East Slopes & Prairie Regions
Regional Director
201 Deerfoot Square
2938 - 11 Street N.E.
Calgary, AB T2E 7L7
Phone: (403)297-7605
Fax: (403)297-5944

Definitions

3(1) In this Code of Practice,

- (a) "industrial wastewater" means the composite of liquid wastes and water-carried wastes, any portion of which results directly from an industrial process carried on at the plant;
- (b) "tanker truck washing facility" means a commercial facility for cleaning the interior of the tanks of tanker trucks.

(2) Terms that are defined in section 1 of the *Environmental Protection and Enhancement Act* and in the *Substance Release Regulation* (A.R. 124/93) have the same meaning when they are used in this Code of Practice, unless otherwise defined or modified within this Code of Practice.

Registration

4 In addition to any information required by the Director under the *Approvals and Registration Procedure Regulation* (A.R. 113/93), the person responsible shall complete the registration form attached to this Code of Practice and forward it to the Director.

Person Responsible's Duty

5 The person responsible shall comply with all requirements of this Code of Practice.

Construction and Operation Requirements

6(1) Tanker truck washing shall be carried out on an impervious pad that has curbs on all sides that prevent any discharge of waste to the environment.

(2) The impervious pad shall have a collecting system of trenches or be appropriately sloped so that waste is directed to a central point from which it can be recovered.

(3) The person responsible shall discharge wastewater, sludge and solids collected from the washing of tanker trucks to facilities approved by the Director.

(4) The person responsible shall not install underground waste storage tanks unless prior written authorization is received from the Director. The person responsible shall apply in writing to the Director, providing details of the proposed underground waste storage tank, including descriptions of secondary containment and leak detection systems.

(5) The person responsible shall test underground waste storage tanks every 3 years

(a) after installation of the tanks, or

(b) after this Code of Practice comes into effect,

whichever is applicable, to confirm the integrity and ability of the tanks to hold the contents. The person responsible shall record the test results, and any remedial action taken as a result of the test.

(6) The person responsible shall ensure that above ground waste storage tanks, and processing or transfer areas with potential for spills or leaks, are dyked and inspected in accordance with Appendix "A".

Record Keeping

7(1) The person responsible shall record the following information for all industrial wastewater, sanitary sewage, and waste transported from the tanker truck washing facility:

(a) the carrier;

(b) the date of transport;

(c) the volume or weight of waste carried;

(d) the type or characterization of waste;

(e) the waste disposal location.

(2) The person responsible shall retain the information recorded in accordance with section 7(1) on file at the tanker truck washing facility for 5 years from the date it is generated, and shall make it available to Alberta Environmental Protection on request.

(3) The person responsible shall retain the test results recorded in accordance with section 6(5) at the tanker truck washing facility for 5 years from the date of the test, and shall make the test results available to Alberta Environmental Protection on request.

(4) The person responsible shall record and retain the results of inspections carried out in accordance with section 6(6) at the tanker truck washing facility for 5 years from the date the

results are generated, and shall make the results available to Alberta Environmental Protection upon request.

Reporting

8 The person responsible shall immediately report any contravention of this Code of Practice by telephone to the Director of Pollution Control Division at (403) 422-4505. The Director of Pollution Control may require the person responsible to provide a further written report of any contravention.

Code Amendment

9 This Code of Practice will be reviewed every 10 years beginning in 2006. Alberta Environmental Protection will accept and compile written comments on the contents of this Code at any time, and will review all comments received at the next 10 year review. The Director may institute a review and amendment of this Code of Practice at any time. All proposed amendments to this Code of Practice will be reviewed by government, the industry, and the interested public. The Director shall have the final decision on amendments made to this Code of Practice. Amendments to this Code of Practice shall become effective when published by Alberta Environmental Protection.

Effective Date

10 This Code of Practice is effective September 30, 1996.

APPENDIX "A"

SECONDARY CONTAINMENT FOR ABOVE GROUND STORAGE TANKS

1 Above ground storage tanks, and processing or transfer areas with potential for spills or leaks, shall be contained and maintained in such a manner that

- (a) they are surrounded by an earthen dyke or other equivalent structure constructed to contain the contents under tank failure conditions with the following capacity:
 - (i) when the dyke contains one tank, 100 percent of the capacity of the tank, or
 - (ii) when the dyke contains more than one tank, 100 percent of the volume of the largest tank within the dyked area plus 10 percent of the aggregate capacity of all other tanks;
- (b) the dyke for storage tanks shall have a minimum height of 30 centimetres;
- (c) the dyke and dyked area, including the area underneath the tank, is lined with a material that will not be degraded by the material being stored, and that has a permeability of 10^{-6} centimetres/second or less;
- (d) the dyked area is graded to a sump or low lying area within the dyked area for rain water collection;

there are no openings in the dyke that provide a direct connection to any place beyond the dyked area;

there is a leakage detection and removal system below the base of the tank or tanks, which directs any leakage into a sump or low lying area within the dyked area.

2 The person responsible shall inspect the dyked area each month. Any leaks or spills shall be recovered and recycled or disposed of in accordance with provincial and federal laws.

REGISTRATION FORM
Code of Practice for Tanker Truck Washing Facilities

Name and address of person responsible (owner):

Facility location:

Contact person:

Telephone and fax numbers:

Operating capacity (number of tanker trucks per week):

Description of operations, including handling and disposal of waste and wastewater: (NOTE: describe on additional sheets as necessary.)

I acknowledge that I have reviewed a copy of the Code of Practice for Tanker Truck Washing Facilities, and that I am bound by the provisions of this Code of Practice, and any subsequent amendments to it.

Signature of Person Responsible (Owner)

Date

For office use only:

Date Received: _____

Registered by:

Director's Signature Title

Date

Registration Number: _____