

Comments from Technical Advisory Committee (TAC)

DGHTA Proposal – Town of Churchill Used Oil Space Heater Facility - File No. 5763.00

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June 2015

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From: Hastman, David (CWS)

Sent: May-29-15 8:47 AM

To: Rathamano, Raj (CWS)

Cc: Roberts, Pierce (CWS); Saskowski, Lyle (CWS); Barton, Brian (CWS)

Subject: RE: Comment and review - DGHTA Applications x 2 for comment - Town of Churchill - **Used Oil Space Heater Facility File: 5763.00** AND Used Oil Collection Facility File: 5764.00

The NE Region has reviewed the application and has no resource concerns.

David Hastman

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From: Kubish, Cheryl (OFC)

Sent: May-19-15 9:37 AM

To: Rathamano, Raj (CWS)

Subject: RE: Comment and review - DGHTA Applications x 2 for comment - Town of Churchill - **Used Oil Space Heater Facility File: 5763.00** AND Used Oil Collection Facility File: 5764.00

5763 – The Office of the Fire Commissioner comments:

The USED OIL-FIRED FURNACE in the application is a ULC Certified Equipment and therefore there is no need to undergo for Special Acceptance/approval program

Need to comply with CSA B139-15 Installation Code for Oil-Burning Equipment, B140.0-13 - Oil-Burning Equipment: General Requirements

The Waste-Pro Tank is a Used Oil Aboveground Double Wall, 500 gallon that is ULC listed and meets the requirement of UCL-C601-07 Shop Fabricated Steel Aboveground Tanks For Flammable and Combustible Liquids

Tank installation MUST comply with NFPA 30 and 31 Fire Codes

The installation, operation, and maintenance of this equipment in Manitoba is to be accomplished by qualified personnel and in compliance with the specifications in the Clean Burn Operator's Manual and in accordance with the regulation of authorities having jurisdiction and the following CSA Standards: B139 -15 Installation Code for Oil Burning Equipment; B140.0 - General Requirements for Oil Burning Equipment; and C22.1 - Canadian Electrical Code, Part 1

The Gas and Oil Burner Act, Manitoba

Sale and use, etc., of certain equipment section states that:

2(1) No person shall sell, offer for sale, install, or purchase, or, on or in any building or premises occupied, operated, or controlled by him, use or permit to be used

(a) any device that utilizes oil or gas for fuel for the production of heat including, without restricting the generality of the foregoing, a furnace, stove, or other device for heating or cooking; or

(b) any tank or container used for the carriage or storage of oil or gas and designed to be attached to a device to which clause (a) applies; unless the design and construction thereof has been approved as prescribed in the regulations.

Based on The Gas and Oil Burner Regulation

*"oil burner" means an appliance, fixture, or thing designed for burning flammable liquids which, for the purpose of generating heat, have flashpoints that meet the requirements of **CAN/CSA B139 entitled Installation Code for Oil Burning Equipment***

where

CSA B139.1.2-15 General requirements for special installations defines used oil as petroleum-based oil (as well as other substances) that has been primarily used as crankcase oil, transmission fluid, or hydraulic fluid.

Note: Used oil differs from waste oil in that it does not include hazardous waste (see Hazardous waste).

The scope of **CSA B139.1.2-15 General requirements for special installations** applies to the installation of appliances, equipment, components, and accessories where oil is used for fuel purposes in:

- (a) **Used-oil burning appliances;**
- (b) Central oil distribution systems;
- (c) Construction heaters and fuel systems; and
- (d) Vehicle heaters

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From: Fountain, Jeff (CWS)

Sent: May-01-15 11:32 AM

To: Rathamano, Raj (CWS)

Cc: Prawdzik, Tim (CWS)

Subject: FW: Comment and review - DGHTA Applications x 2 for comment - Town of Churchill -
Used Oil Space Heater Facility File: 5763.00 AND Used Oil Collection Facility File: 5764.00

I have reviewed the proposal for the waste oil space heater and associated storage in Churchill and have the following comments.

The proposal states:

“Transport of waste oil will be done by a Town of Churchill truck which will have a license to transport hazardous wastes. Transportation will be minimized by this project as only the glycol will be shipped to southern Manitoba instead of both waste oil and glycol.”

I expect that other hazardous wastes are being shipped out and assume this is just an oversight. However, I remind the Town of Churchill that paints, chemicals, many cleaners, fluorescent light bulbs and many other products and materials are considered Hazardous waste and must be shipped to a recognized receiver.

I have no other concerns with respect to the proposal. Recent inspections have demonstrated the extent of the Town of Churchill’s commitment to waste management and the system was impressive. The regional office applauds this new addition to Churchill’s waste management system and is eager to see it in action.

Jeff Fountain
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