



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

MEMORANDUM

PATRICIA W. AHO
COMMISSIONER

To: Board of Environmental Protection
From: Richard Kaselis, ES III, and Bureau of Remediation & Waste Management
Division of Oil & Hazardous Waste Facility Regulation
Subject: Innovative Resource Environmental Corp. Waste Oil Storage Facility,
New License
Date: December 1, 2011

Statutory and Regulatory References:

Title 38 M.R.S.A. Section 1301 et. seq., 38 M.R.S.A. 1319-X et. seq. and 06-096 Chapter 860 Maine Waste Oil Management Rules (June 13, 1988)

Location:

Winthrop, Kennebec County, Maine

Description:

Innovative Resource Environmental Corp. (Innovative) has applied to the Department for a waste oil storage facility license to store up to 5,000 gallons of reprocessed specification waste oil at its facility located at 1 Depot Street Winthrop, Maine. Innovative proposes to store the waste in a double walled UL-142 approved heated above ground oil storage tank equipped with over fill protection and leak detection. The tank is located inside the facility on an intact concrete floor. Innovative will also locate up to six 3400 gallon above ground polyethylene tanks for the storage of reprocessed vegetable oil. These tanks are also located inside the facility, inside steel secondary containment structures capable of containing up to 110% of the largest tank.

Innovative proposes to produce a bio-fuel for sale to industrial and commercial customers in Maine. The bio-fuel would be a 50%-50% blend of processed waste oil and processed vegetable oil. The oil will be transferred through 2 inch rubber hoses from the storage tanks to a tanker or peddle truck. The blending to produce the bio-fuel would take place inside the tankers during the loading process.

All loading and unloading would take place inside the facility adjacent to the tank locations. Vehicles to be loaded or unloaded would be backed onto a 12' wide x 40' long x 12" high 30 mil portable containment berm for added spill protection during these

operations. The pumps and hose connections would also be placed within secondary containment (drip pans and tubs) during transfer operations for added containment of any leaks from loose hose couplings or pump connections. All loading and unloading operations would be supervised by Innovative personnel at all times. Vehicles would be inspected to ensure there are no leaks from vehicles entering or leaving the facility.

History:

Innovative is a licensed hazardous waste / waste oil transporter in the State of Maine operating under license # H518 / W518. This license was issued by the Department on November 22, 2010. The hazardous waste/ waste oil transporter license must be reviewed prior to being issued. This is Innovative's first application with the Department for the storage of waste oil.

Environmental Issues:

This is a new facility. All operations are proposed to occur inside the facility in additional containment structures. Discharges that would most likely occur at this facility should not impact the outside environment provided the facility complies with the terms of the license and immediate remedial actions are taken. No other environmental issues are identified.

Department Recommendation:

The staff recommends approval of this new license for a commercial Waste Oil Storage Facility, allowing the operation of the Waste Oil Facility at this location as provided for in the Maine Waste Oil Management Rules, and provided that Innovative Resources Environmental Corp. complies with the rules and the terms and conditions of approval.

Estimated Time of Presentation: