



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

MEMORANDUM

To: Board of Environmental Protection

From: Richard Kaselis

Date: August 5, 2010

Re: The draft renewal of ENPRO Services of Maine, Incorporated existing hazardous waste storage and treatment license # O-000017-H1-K-R, hazardous waste transfer facility license # O-000017-HR-M-R and waste oil storage facility license # O-000017-97-K-R.

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Statutory and Regulatory References:

38 MRSA 1319-R and 1319-X authorizes the Maine Department of Environmental Protection (the "Department") to issue licenses for hazardous waste and waste oil facilities. The rules that relate to licenses are 06-096 CMR 850 – 857 the Hazardous Waste Management Rules, 06-096 CMR 860, the Waste Oil Management Rules and 06-096 CMR 2, and the Department's Administrative Rules.

Location:

The facility is located at 106 Main Street in South Portland, Maine. The facility is located in an area containing major tank farms. The area is zoned for commercial use, the storage of petroleum products, and industrial uses.

Description:

ENPRO Services of Maine Incorporated is a duly organized business corporation under the laws of the State of Maine. On November 20, 2009, ENPRO Services of Maine Inc. submitted an application for the renewal of their hazardous waste/waste oil storage and treatment facility licenses # O-00017-H1-J-R, # O-000017-G-R and hazardous waste transfer facility license # O-000017-HR-J-R.

Summary of proposal:

ENPRO is proposing to renew its licenses for the storage and treatment of hazardous wastes, waste oil and the operation of hazardous waste transfer areas at its facility in South Portland, Maine. The facility as licensed treats and stores

waste oil and hazardous waste (waste gasoline). ENPRO also stores and treats hazardous waste metals. These include manhole sediment and metal sludge prior to their being shipped off site for proper disposal at appropriately licensed disposal or treatment facilities. ENPRO treats the metal contaminated waste at its facility through consolidation of smaller containers (generally fifty five gallon drums) into lined roll offs prior to shipment off site for disposal. Treatment takes place on a lined loading/ off loading area at the facility. ENPRO also operates areas at the facility as ten (10) day hazardous waste transfer locations. ENPRO utilizes these areas to store small shipments of hazardous waste in the original container for consolidation into larger shipments (a full truck load) for off site disposal. This enables ENPRO to put together cost effective shipments of hazardous waste. The facility has a maximum storage capacity of:

<u>WASTE</u>	<u>Maximum Volume in Gallons</u>	<u>Storage Vessel</u>
Waste Oil storage/treatment	15,000	T-1
Waste Oil storage/treatment	15,000	T-2
Waste Oil storage/treatment	15,000	T-3
Gasoline and gasoline water	6,000	T-4
Waste Oil containers of various sizes*	6,160	containers
10 Day Hazardous Waste Transfer Areas containers of various size	12,760	containers
* 1,760 gallons of which may be a hazardous waste		
Total	69,920	

ENPRO is also proposing to construct a 70 foot by 80 foot by 45 foot high Morton or Butler type metal building at the south end of its property for the treatment and storage of non-hazardous oily debris, other non-hazardous sludge, and paint waste generated through their services. These wastes would be solidified or stabilized through mechanical mixing with wood chips, sawdust, kiln dust or other stabilizing agents to make the waste amenable to disposal through burning in a trash to energy plant or disposal in a special or solid waste landfill. The foundation floor and walls would be constructed of reinforced concrete underlain with a 40 mil polyethylene liner for added containment. Inside the building would be a poured reinforced concrete vault approximately 60 feet long by 15 feet wide split into two 95 cubic yard bins by a concrete wall. These are poured concrete structures (bins) that would be sloped to collect any liquids and the bins would be sealed with a compatible sealant for added impermeability. The west side of the building would be capable of storing up to 40 fifty five gallon containers or their equivalent capacity of oily debris and special or solid waste.

ENPRO would be conducting the same operations inside the proposed building that it is presently licensed to perform outside. ENPRO currently treats oily debris and special wastes in roll off containers stored outside the facility building by the addition of stabilizing agents, utilizing a backhoe bucket in the outside containers as needed. The proposed facility will give ENPRO a better controlled environment for handling this material and add another layer of protection to human health and the environment.

Environmental Issues:

ENPRO presently samples 5 ground water monitoring wells at the facility on a quarterly basis. The wells are strategically located to collect up gradient and down gradient ground water samples. Ground water samples are analyzed for volatile organic compounds using EPA test method 8260, and for diesel range organics (DRO), via ME DEP Method ME 4.1. 25. ENPRO also analyzes for total lead (Pb) and gasoline oxygenates tertiary-amyl methyl ether (TAME) and ethyl tertiary-butyl-ether (ETBE). ENPRO will be changing from DRO to the Department's new analytical method for Total Extractable Petroleum Hydrocarbons (EPH).

The quarterly monitoring has detected petroleum contaminants at this site. However, they appear to be remaining on site and within historical levels. This contamination is likely the result of an abandoned underground tank removed, along with twenty tons of contaminated soil, prior to ENPRO taking over the facility, as well as the use of the site for used oil and gasoline storage prior to the current licensing requirements. A facility assessment was conducted to identify additional sources of contamination that could be removed. No obvious sources of current releases or additional sources of contamination were identified in the facility assessment. The area is zoned for industrial use and is supplied by city water and sewer. Down gradient areas are operating oil terminal facilities, auto repair and other commercial and industrial users.

Department Recommendations:

Department Staff recommends approval of ENPRO Services of Maine Incorporated's draft renewal license with conditions for posting to a 45 day public comment period as required by 06-096 CMR 856, Section 12B of the Department's Hazardous Waste Management Rules. The final license will be brought before the Board for final approval at the next regularly scheduled meeting following the 45 day comment period.

Estimated Time of Presentation: fifteen minutes