



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 294 HW
United Oil Recovery, Inc.
Meriden, Connecticut
Staff Report
December 2, 1992

On November 19, 1992, William H. Smith, Deputy Commissioner George E. Luther and Chairman Mortimer A. Gelston of the Connecticut Siting Council (Council), and staff members Executive Director Joel M. Rinebold and Fred Cunliffe met with David Carabetta and Bill Morris of United Oil Recovery, Inc. (UOR), and their consultant Mark Possidento of HRP Associated, Inc., at the UOR facility located at 136 Gracey Avenue, Meriden, Connecticut, to review proposed changes addressed in the petition.

UOR has been in the business of recycling non-hazardous and hazardous waste oil since 1976 as an interim status facility. Currently, qualified waste streams are treated on-site via existing thermal, ultrafiltration, reverse osmosis, ozone, and carbon absorption processes with the resultant residual water discharged to the local sanitary sewer, under State permit. The condensed waste oils are bulked appropriately for off-site recycling or energy recovery. UOR is permitted to store 50,000 gallons of hazardous waste. At this time, UOR is applying for a RCRA Part "B" permit.

UOR is seeking a declaratory ruling that a Certificate of Public Safety and Necessity is not required for the following improvements and/or activity modifications at its facility.

1. Hazardous waste capacity increase of 20,000 gallons to facilitate storage of former non-hazardous waste streams. Since the institution of Toxicity Characteristics Leachate Procedure (TCLP) regulations, former waste streams that were characterized as non-hazardous are now classified hazardous. UOR requires an additional 20,000 gallons of hazardous waste capacity to facilitate waste streams previously managed as non-hazardous. No new or additional tanks would be required to accomplish this change.

2. Hazardous waste capacity increase of 3,300 gallons to facilitate a degrit tank reclassification. During UOR's effort to apply for a RCRA part B permit, and after DEP consultation, the degrit tank has been reclassified as a storage vessel and consequently the tank's volume of 3,300 gallons must be included in the permitted maximum hazardous waste storage capacity for the facility. Until recently, the degrit tank was considered a flow through process tank.
3. Addition of a distillation unit to recover non-hazardous wastes ethylene glycol and mineral spirits for reuse. Although UOR is not firm on procurement or placement of this unit within the existing facility, UOR would provide the Council with equipment specifications, location, and operational details prior to installment.
4. Addition of a centrifuge unit which would enhance thermal operations to separate waste oils into petroleum, aqueous, and sludge phases. New coolants and industrial emulsions are more difficult to separate by heat alone. More so, Environmental Protection Agency guidelines, for air emissions from Boiler/Industrial furnace (BIF) facilities, have tightened specifications on metals and water in waste-derived fuels. If UOR cannot produce waste-derived fuel to meet BIF requirements, the alternative is treatment/disposal at hazardous waste incinerators. Although UOR is not firm on procurement or placement of this unit within the existing facility, UOR will provide the Council with equipment selection, location, and operational details prior to installation.
5. Finally, new hazardous waste codes have been created due to the TCLP and UOR has added D004, D018, D019, D023-D029, D032, D034, D035, D037, D039-D042, F003, F004, F005, U002, U019, U052, U080, U140, U154, U159, U210, U211, U226, U228, and U239 wastes codes and two new waste streams F037 and F038, which were formerly handled as non-hazardous, to its most recent Part B Application.

UOR intends to notify the local fire, police, and hospitals in the City of Meriden of their proposed actions.

UOR contends that the five proposed changes are not significant, do not meet the definition of "modification" as defined by CGS section 22a-115(a), or fall under Council jurisdiction and that these changes do not require a Certificate of Public Safety and Necessity.

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