



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051  
PHONE: 827-2604

### Field Review Petition 156 Hazardous Waste

Gloria Dibble Pond, Pamela Katz, and Joel Rinebold met Geoffrey Stengel, Christopher Beyus, and Steve Smith of Envirite Corporation to review plans for proposed changes at its facility in Thomaston, Connecticut. Envirite has petitioned the Council for a ruling that the changes would not constitute a modification of an existing facility and, therefore, would not require a certificate of public safety and necessity by the Council.

The proposed changes to the facility consist of the following:

1. Construction of two fiberglass tanks, T-7 and T-8, 10,000 gallons each, for the storage of acid waste. These tanks would be located within the existing facility adjacent to similar existing waste storage tanks and would be used for storage of existing waste codes.
2. Construction of four fiberglass tanks, T-17 to T-20, 10,000 gallons each, for the storage of ignitable reactive, acid, alkaline, and cyanide bearing wastes. These tanks would be located within a new roofed enclosure adjacent to the existing facility and be part of a new treatment process.
3. Construction of three fiberglass tanks, T-21 to T-23, 1000 gallons each, for the storage of acid waste. These tanks would be located within a new roofed enclosure adjacent to the existing facility and be part of a new treatment process. Waste codes would consist of the existing listings.
4. Construction of two fiberglass reactors, R-G and R-H, 20,000 gallons each, for the neutralization and mixing of various wastes. Waste codes would consist of the existing listings. Placement would be within the existing facility and next to similar existing reactors.
5. Construction of a blender treatment tank, T-24, 2000 gallons, for drum dumping and blending of existing waste codes. This activity is an existing process that would be relocated to a new roofed enclosure adjacent to the existing facility.
6. Construction of four sealed concrete pits measuring 12 feet wide X 18 feet long X 12 feet deep within a new roofed enclosure for storage of 120 cubic yards of solid waste. The waste codes would consist of existing listings with the main difference being the solid dewatered nature of the waste as opposed to the existing liquid waste. The location of the pits would be in four separate enclosed areas adjacent to the existing facility.

7. Placement of new equipment for ion exchange, electrolytic recovery, distillation, and crystallization, which could treat 57,600 gallons of waste per day. The waste codes would consist of existing listings. The processes are considered new and would be located within a new roofed enclosure adjacent to the existing facility.
8. Placement of a blender within a new roofed enclosure for blending 200 cubic yards of solid waste per day and storage of 20 cubic yards. The waste codes would consist of existing codes of previously de-watered waste. This new process would transform solid waste taken from waste piles into a homogeneous liquid-like waste that would then allow treatment by existing processes. The placement of this equipment would be within a new roofed enclosure located adjacent to the existing facility.
9. Drum storage of 8800 gallons (160 forty-five gallon drums) of waste, which would include new waste listings and a new roofed enclosure. Storage as proposed by the applicant would be for less than 90 days.
10. Relocation of filtration equipment, which has been described by the applicant as routine maintenance, repair, or replacement of an individual facility component. The location of the filters would be moved to an enclosure adjacent to the existing facility.
11. Expansion and operation of the facility landfill, which would be for EPA delisted, non hazardous wastes only. Documentation of EPA waste delisting has been submitted as part of the petition.

The overall volume of storage and treatment of the facility would be increased from an existing capacity of 139,000 gallons to 244,000 gallons, an increase of 105,000 gallons or 76%. In addition, 140 cubic yards of storage, 57,600 gallons per day of treatment, and 200 cubic yards per day of treatment capacity would be added to the facility.

All changes have been proposed for expansion under RCRA Part B application which is currently undergoing review and for which a draft permit has been issued. A letter from the DEP explaining the proposal's need for new permits is attached to this report. Also attached is a matrix summary of the proposed changes.