

Docket No. 272 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

Segment 4a Underground Line

Date: August 3, 2006 – Initial inspection

Inspector: Katie Bednaz and Diana Walden

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.36" rain reported at Bridgeport CT on 7/28; only traces since (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Vault #45 is located in a parking lot accessed from Railroad Ave and Howard Ave. Sediment tracking was not present on the adjacent roadways and parking lot and catch basins were protected. 8/3/06	None 8/3/06	NA
Vault Openings and Trench Construction	Vault #45 is the only area of active construction at this time. The open excavation has trench boxes in place. 8/3/06	None 8/3/06	NA
Erosion and Sediment Controls	Filter fabric and “gutter buddies” have been installed in all catch basins in the parking lot adjacent to the construction activities. 8/3/06	None 8/3/06	Catch basins were protected (proactively)
Inland Wetland and Watercourse encroachment and mitigation	No inland wetland or watercourses are located near the active construction 8/3/06	None 8/3/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 8/3/06	None 8/3/06	NA
Soils	All soils removed from the vault opening were contained, tagged and transported to an acceptable storage location operated by O&G for testing. 8/3/06	Soils appear to be handled appropriately. Continue to monitor. 8/3/06	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.	None 8/3/06	NA
Vegetative clearing limits (including trees to save or danger trees noted).	No vegetative clearing has been required as all work is on asphalt. 8/3/06	None 8/3/06	NA
Dewatering	The excavation for Vault #45 requires dewatering before installing the vault. All water was pumped into a vac truck. 8/3/06 The water is being transported to frac tanks at the contractor yard for settling and filtration.	None 8/3/06 None 8/3/06	NA NA
Blasting	No blasting has been proposed. 8/3/06	None 8/3/06	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard; no spills or material storage problems were observed on site. 8/3/06	None. 8/3/06	NA
Additional Observations	None 8/3/06	None 8/3/06	NA

Next likely scheduled inspection: Thursday August 10, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Field Inspector: Katie Bednaz, Diana Walden

Reviewer: Diana Walden



Catch basin with filter fabric located adjacent to construction area within the parking lot.



Vault opening within parking lot with a vacuum truck parked on Railroad Avenue removing water from the excavation.



Open trench being dewatered and prepared for vault installation.



Overview of equipment in place for the vault construction.



Vac truck returning to the site for dewatering the excavation



Frac tanks located at the contractor's storage area. These serve as holding, settling and filtration tanks for dewatering



View of the spill kits stored at the contractor yard. These will be available for the equipment on site.