

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: December 13, 2006 (Evening Inspection)

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: Approximately 0.22” of rain were recorded since the previous inspection in Bridgeport, CT (NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within or adjacent to existing paved roadways at this time.	See erosion control section.	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Trenching activities continue: on Railroad Ave. between Iranistan Ave. and South Ave.; near the intersection of Railroad Ave. and Bostwick Ave.; between South Ave. and Park Ave.; in the portion of land between Broad St. and Main Ave.; 100 ft north and south of Myrtle Ave.; and near the intersection with Howard Ave. 12/13/06	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 12/13/06	Catch basins are protected.(Proactively)
Fairfield	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave; and south of its intersection with Benson Rd. 12/13/06	None 12/13/06	NA
	Vault #7541 installation activities are complete.	Restore disturbed area when appropriate.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>12/13/16</p> <p>Vault #7542 installation activities were occurring during the inspection. 12/13/06</p> <p>Trenching activities continue on Rt. 1 near its intersection with Pequot Ave; north of Thorpe St.; and south of its intersection with Benson Rd. 12/13/06</p> <p>Trenching activities are complete on Rt. 1 near its intersection with Fairfield Pl. Activities may include the installation of Vault #7531. 12/13/06</p> <p>Vault #7540 installation activities are complete on Rt. 1 near its intersection with Fox St. 12/13/06</p> <p>Trenching activities are complete on Rt. 1 north of Unaquowa Pl. 12/13/06</p>	<p>12/13/06</p> <p>None. 12/13/06</p> <p>None 12/13/06</p> <p>This vault location is reflected in the 8/15/06 approved version of the D&M plan. 12/06/06</p> <p>None. 12/13/06</p> <p>None. 12/13/06</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls Fairfield/Bridgeport</p> <p>Fairfield</p>	<p>Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 12/13/06</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 12/13/06</p> <p>Problems with dust were not observed this week. 12/13/06</p> <p>Work is complete in several of the areas where</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/13/06</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 12/13/06</p> <p>None. 12/13/06</p> <p>None. Work is now complete in the area and</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>Work complete in area.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>unprotected catch basins were noted last week. This includes on Rt. 1 near its intersection with Fox St. 12/13/06</p> <p>Airborne dust migration was observed last week due to windy conditions. 12/13/06</p> <p>No issues were noted during the time of inspection. 12/13/06</p>	<p>has moved on. 12/13/06</p> <p>If necessary, continue to evaluate measures to prevent dust migration (i.e., regularly watering down exposed soils). 12/13/06</p> <p>None. 12/13/06</p>	<p>NA.</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 12/13/06</p>	<p>See erosion control section. 12/13/06</p>	<p>NA</p>
<p>Staging, Storage, and Parking Areas</p>	<p>A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 12/13/06</p> <p>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located in the equipment trailers. 12/13/06</p> <p>A temporary storage area is being used at the intersection of Railroad Ave. and Iranistan Ave. Construction materials and frac tanks are being stored in this area. 10/27-12/13/06</p>	<p>None 12/13/06</p> <p>See erosion control section. 12/13/06</p> <p>None. 12/13/06</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 12/13/06</p>	<p>Most areas are temporarily stabilized.. 12/13/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Soils were being contained, tagged and transported appropriately. 12/13/06	None. 12/13/06	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	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Tire ruts were noted in the shoulder of Railroad Ave. Most other recently disturbed areas have been seeded or mulched along the shoulders of the roadway. 10/27/06-12/13/06</p> <p>Four ornamental plum trees were removed from the Vault #7536 location. 11/01-12/13/06</p> <p>Five trees were removed from the northern tree belt of Pequot Ave. in Fairfield last week. 12/13/06</p>	<p>Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 12/13/06</p> <p>Stabilize/restore area when appropriate. 12/13/06</p> <p>BSC now has a copy of the 8/15/06 approved version of the D&M plan which reflects the approved removal of the trees. 12/13/06</p>	<p>NA</p> <p>Needs attention when work is complete.</p> <p>NA</p>
Dewatering	Water from trench work is filtered by frac tanks and released appropriately to the sanitary sewer system via PVC pipe. 12/13/06	Continue to monitor; Attempts have been made to protect the pipe inlet and prevent sediment from readily entering the system 12/13/06	NA.
Blasting	No blasting has been proposed. 12/13/06	None 12/13/06	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard and on job trucks. 12/13/06	None 12/13/06	NA
Additional Observations	None 12/13/06	None 12/13/06	NA

**Next likely scheduled
inspection:**

Wednesday December 20, 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, BSC Group

Reviewer:

Diana Walden, BSC Group



Photo shows a view of the trench work in the Rt. 1 roadway, south of Benson Road. The excavation was being backfilled with flowable fill.