

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: October 20, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: Approximately 0.70" 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.	NA
Vault Openings and Trench Construction Bridgeport	Trenching activities continue on Railroad Ave. between Wordin Ave. and South St. 10/20/06	None 10/20/06	NA
	Trench excavation and utility work continues at the intersection of Railroad Ave. and Bostwick Ave. 10/20/06	Continue to monitor and be proactive. Continue to seed and mulch areas as they are completed. Continue to sweep roadway as soon as feasible. 10/20/06	Catch basins are protected.(Proactively)
	Trenching activities continue near the intersection of Broad St. and Atlantic Ave. 10/20/06	None. 10/20/06	Catch basins are protected.(Proactively)
Fairfield	Installation of Vault # 7546 adjacent to Railroad Ave. north of Bostwick Ave. is complete. 10/20/06	None. 10/20/06	N/A
	Work near Vault #7537 continues. The disturbed	See Erosion and Sediment Controls section.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>soils at the vault have been stabilized with seed and hay mulch. 10/20/03</p> <p>Trenching activities continue on Rt. 1 from Old Post Rd to North Benson Rd. 10/20/06</p> <p>Trenching activities are complete at the intersection of Rt. 1 and Reef Rd. 10/20/06</p> <p>Trenching activities continue on Rt. 1 from Bungalow Ave. to Granville St. 10/20/06</p>	<p>10/20/06</p> <p>See Erosion and Sediment Controls section. 10/20/06</p> <p>None. 10/20/06</p> <p>None. 10/20/06</p>	<p>Catch basins were protected.(Proactively)</p> <p>Roadway was swept regularly.</p> <p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls Bridgeport</p> <p>Fairfield</p>	<p>Filter fabric or filter socks are installed in all catch basins adjacent to the construction activities. 10/20/06</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/20/06</p> <p>Problems with dust were not observed this week. 10/20/06</p> <p>Recently completed trench work has been backfilled and loamed but mulch is recommended on the exposed soil. 10/20/06</p> <p>At Vault #7537, a line of silt fence is located between the sidewalk and Rt. 1. Erosion remains in the strip between the roadway and the silt fence. Sediment was</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. 10/20/06</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. 10/20/06</p> <p>None. 10/20/06</p> <p>Place mulch or other temporary stabilization on the soil surface. 10/20/06</p> <p>Stabilize the area as it tends to washout with each rain event. Stone may be appropriate here. 10/20/06</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>Needs attention</p> <p>Roadway has been swept. Still needs final attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>removed from the street 10/20/03</p> <p>Work was completed near Reef Rd. and Rt. 1- controls are no longer required at the catch basin. 10/20/06</p> <p>The sweeper truck wash-out area was improved and now effectively contains the wash-water. 10/20/06</p> <p>The concrete washout basin is almost to capacity. 10/13-10/02/06</p>	<p>None. 10/20/06</p> <p>Continue to maintain. 10/20/06</p> <p>Remove concrete from basin to restore capacity if feasible. If not, an additional basin may need to be constructed. 10/13-10/20/06</p>	<p>NA</p> <p>Sweeper washout area was contained at the time.</p> <p>Needs regular attention.</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. 10/20/06</p>	<p>See erosion control section. 10/20/06</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. 10/20/06</p> <p>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. 10/20/06</p> <p>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. 10/20/06</p>	<p>None 10/20/06</p> <p>See erosion control section. The yard is well contained at this time. 10/20/06</p> <p>None. 10/20/06</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for</p>	<p>See erosion control section 10/20/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>of the excavation for trench, vault, and utility work. 10/20/06</p> <p>Vac trucks are being used to remove soil from the trench in areas with high density of utility lines. 10/20/06</p> <p>Soils were being contained, tagged and transported appropriately. 10/20/06</p>	<p>section. 10/20/06</p> <p>None. 10/20/06</p> <p>Continue to monitor. 10/20/06</p>	<p>NA</p> <p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 10/20/06</p>	<p>None 10/20/06</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Several areas that are no longer being worked along Railroad Ave have been seeded and mulched with hay appropriately. Some grass growth was noted. A few erosive gullies were also graded out here. 10/20/06</p>	<p>None. Continue to monitor for stabilization/vegetative cover. 10/20/06</p> <p>Continue to place mulch or other temporary stabilization on exposed surfaces. 10/20/06</p>	<p>Areas were restored and sparse vegetation is establishing.</p>
<p>Dewatering</p>	<p>Active dewatering was not noted at the time of inspection. 10/20/06</p>	<p>None 10/20/06</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 10/20/06</p>	<p>None 10/20/06</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Spill cleanup materials/kits were observed in the storage yard and on job trucks. 10/20/06</p> <p>Equipment attachments with fluid-filled hoses are now stored over liners serving as spill containment. 10/20/06</p> <p>Excavated railroad ties are piled up and stored off the roadway to be removed from the site.</p>	<p>None 10/20/06</p> <p>None. 10/20/06</p> <p>None 8/17/06 – 10/20/06</p>	<p>NA</p> <p>Containment was provided proactively.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	8/17/06 – 10/20/06		
Additional Observations	None 10/20/06	None 10/20/06	NA

Next likely scheduled inspection: Wednesday November 1, 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



Former location of garage/shed on Broad St. that has been removed for utility installation.



Former trench location that has been backfilled and loamed. The area should be temporarily stabilized with mulch.



Photo of trenching activities at the intersection of Railroad Ave. and Park Ave.



Trenching activities on Railroad Ave. near its intersection with Iranistan Ave. Area to the right is being used to temporarily store materials and frac tanks.



Trenching activities at the intersection of Railroad Ave. and Bostwick Ave. Vac truck is being used to excavate around utilities.



Photo of Rt. 1 in front of Fairfield Inn. Sediment in roadway has been removed. Eroded area remains between the roadway and the silt fence to be stabilized.



Sweeper washout area located in the Kings Highway Laydown has been re-established so that all washout materials are contained.



Concrete washout basin located in the Kings Highway Yard Laydown is near capacity and should be emptied when possible.