

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: November 20, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: Approximately 0.53” 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	<p>All work is within or adjacent to existing paved roadways at this time.</p> <p>The catch basin located at the intersection of Railroad Ave. and Bostwick Ave. appears to have been repaired or stabilized following a partial collapse last week. 11/20/06</p>	<p>See erosion control section.</p> <p>Continue to evaluate if further repairs are necessary. 11/20/06</p>	<p>Not Applicable (NA)</p> <p>The structure appears to be stable.</p>
Vault Openings and Trench Construction Bridgeport	<p>Trenching activities continue: on Railroad Ave. between Iranistan Ave. and South Ave; near the intersection of Railroad Ave. and Bostwick Ave.; near the intersection of Broad St. and Atlantic Ave.; and in the portion of land between Broad St. and Main Ave. 11/20/06</p>	<p>Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 11/20/06</p>	<p>Catch basins are protected.(Proactively)</p>
Fairfield	<p>Trenching activities are complete on Rt. 1 from: Old Post Rd to North/South Benson Rd;</p>	<p>None. 11/20/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>#5430 and #7536 consist of a stable, hard pack material. 11/20/06</p> <p>Areas contributing to the catch basin located in the roadway in front of Vault # 7536 are currently stable. 11/20/06</p> <p>Construction activities are complete upgradient of catch basins on Mill Plain Rd. 11/20/06</p> <p>The construction entrance was refreshed and sediment tracking was no longer noted on the roadway. 11/20/06</p> <p>While the majority of the perimeter silt fence was maintained around the yard, a small gap was noted along the fence near the resource area. 11/15- 11/20/06</p> <p>Materials were piled on the perimeter silt fence, compromising the integrity of the controls. 11/20/06</p> <p>Vegetative cover is establishing well on the inactive soil stockpiles in the yard 11/20/06</p>	<p>11/20/06</p> <p>Controls are no longer needed, work is complete here. 11/20/06</p> <p>Controls are no longer needed, work is complete here. 11/20/06</p> <p>Continue to maintain and sweep as needed. 11/20/06</p> <p>Maintain the integrity and stability of the perimeter controls in the yards. 11/15- 11/20/06</p> <p>Remove materials from silt fence and stabilize controls as necessary. 11/20/06</p> <p>Continue to stabilize inactive soil piles if exposed soils are not to be worked within 14-21 days. 11/20/06</p>	<p>material.</p> <p>Work is complete for the time being.</p> <p>Work is complete.</p> <p>The construction entrance has been refreshed and no tracking was noted.</p> <p>Some areas were maintained but still needs attention.</p> <p>Needs attention.</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. 11/20/06</p>	<p>See erosion control section. 11/20/06</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</p>	<p>None 11/20/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>are located in the equipment trailers. 11/20/06</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. 11/20/06</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. 10/27-11/20/06</p>	<p>See erosion control section. 11/20/06</p> <p>None. 11/20/06</p>	<p>NA</p> <p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 11/20/06</p> <p>No soils were being excavated during inspection in preparation for the holiday weekend. 11/20/06</p>	<p>Most areas are temporarily stabilized. See erosion control section regarding stockpiles. 11/20/06</p> <p>None. 11/20/06</p>	<p>NA</p> <p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area. 11/20/06</p>	<p>None 11/20/06</p>	<p>NA</p>
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>A tire rut was noted in the shoulder of Broad St. Most other recently disturbed areas have been seeded or mulched along the shoulders of the roadway. 11/20/06</p> <p>Four ornamental plum trees were removed from the Vault #7536 location. 11/01-11/20/06</p>	<p>Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 11/20/06</p> <p>Stabilize/restore area when appropriate. 11/20/06</p>	<p>NA</p> <p>Needs attention when work is complete.</p>
Dewatering	<p>Water from trench work is filtered by frac tanks and released appropriately to the sanitary</p>	<p>Continue to monitor 11/20/06</p>	<p>The pipe inlet had some controls in place.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	sewer system via PVC pipe. Attempts have been made to protect the pipe inlet and prevent sediment from readily entering the system 11/20/06		
Blasting	No blasting has been proposed. 11/20/06	None 11/20/06	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard and on job trucks. 11/20/06</p> <p>Excavated railroad ties are piled up and stored off the roadway to be removed from the site. 8/17- 11/20/06</p> <p>The equipment attachment containment area located along the western boundary of the laydown yard was not fully enclosed. 11/08- 11/20/06</p> <p>The material pile located on the side of the yard adjacent to the resource area was being relocated during inspection. 11/20/06</p>	<p>None 11/20/06</p> <p>None 8/17-11/20/06</p> <p>Continue to improve and enclose the containment area. 11/15- 11/20/06</p> <p>Continue to monitor this side of the yard for improvements to storage. 11/20/06</p>	<p>NA</p> <p>Removal of ties continues.</p> <p>Needs attention when feasible.</p> <p>Material was being moved.</p>
Additional Observations	None 11/20/06	None 11/20/06	NA

Next likely scheduled inspection: Wednesday November 29, 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 of tire rut from a vehicle on the shoulder of Broad St.
Repair when feasible.**



**Photograph of trenching activities located on Railroad Ave.
between South St. and Park St.**



**Trenching activities on Railroad Ave. between Park St. and
Myrtle St. Vac truck being used to help excavate soil from trench.**



**Trenching activities at the intersection of Railroad Ave. and
Bostwick Ave. The majority of the trench is closed.**



Photo taken on Railroad Ave. at the intersection with Bostwick Ave. Soil pile in background should be controlled if it will remain. The catch basin in the foreground appears to have been repaired following partial collapse last week.



Photo of the Iranistan Ave. temporary storage yard. The soil pile previously located in yard has been removed.



Water from the trench work is filtered in frac tanks and then discharged appropriately to the sanitary sewer system via PVC pipe. Attempts have been made to protect the inlet so that sediment will not readily enter the system.

KINGS HIGHWAY LAYDOWN YARD



Perimeter fence along the majority of the yard has been restored. Please note that vegetative cover is establishing on the soil stockpile shown in the right top corner of the photo.



Construction entrance stone has been refreshed and no notable tracking was observed during the inspection.



Photo of a portion of the perimeter fence, on the side of the yard adjacent to resource areas, which is in need of repair.



A pile of plastic materials was placed on the perimeter silt fence on the side of the yard adjacent to resource areas. Pull the materials back to restore the controls.



Former location of the concrete washout basin. Area was being re-worked/graded during the inspection.



The stockpile of material (stone dust) located on the side of the yard adjacent to resource areas is being moved back.

FAIRFIELD



Photo of Vault # 7536 installation activities. Following the rain, it was observed that the remaining exposed soil is a stable, hard material. No additional stabilization is required.



Photo of Vault #5430 installation activities. The exposed soils here are also of a similar hard pack material and no additional stabilization is required.