

**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:** January 3, 2007

**Inspector:** Katie Bednaz and Greg Sommer

**Location:** Singer Substation to Fairfield/Westport Town Line

**Rain Event:** 4.08" of precipitation was recorded since the previous inspection (two weeks ago) in Bridgeport, CT (NOAA data)

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	<b>All work is within or adjacent to existing paved roadways at this time.</b>	<b>See erosion control section.</b>	<b>Not Applicable (NA)</b>
	<b>Soil on the shoulder of Railroad Ave. near its intersection with Hancock Ave. is migrating into the roadway and being tracked by vehicle traffic. 1/03/07</b>	<b>Remove and prevent soil from migrating into roadway. 1/03/07</b>	<b>Needs attention.</b>
<b>Vault Openings and Trench Construction Bridgeport</b>	<b>Trenching activities continue: on Railroad Ave. between Howard Ave. and South Ave.; near the intersection of Railroad Ave. and Bostwick Ave.; between South Ave. and Park Ave.; and in the portion of land between Broad St. and Main Ave. 1/03/07</b>	<b>Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 1/03/07</b>	<b>Catch basins are protected.(Proactively)</b>
<b>Fairfield</b>	<b>Trenching activities continue on Rt. 1 near its intersection with Pequot Ave. Rd. 1/03/06</b>	<b>None. 1/03/07</b>	<b>NA</b>
	<b>Work appears to be</b>	<b>None. 1/03/07</b>	<b>NA</b>



Areas of Inspection	Observation	Recommended Action	Corrected Action
	to the yard were in disrepair, including the side adjacent to the resource area. 1/03/07		
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 1/03/07	See erosion control section. 1/03/07	NA
<b>Staging, Storage, and Parking Areas</b>	A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 1/03/07	None 1/03/07	NA
	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. 1/03/07	See erosion control section. 1/03/07	NA
	The temporary storage area at the intersection of Railroad Ave. and Iranistan Ave. is no longer in use. 1/03/07	None. 1/03/07	NA
<b>Soils</b>	Soils are exposed as part of the excavation for trench, vault, and utility work. 1/03/07	Most areas are temporarily stabilized. 1/03/07	NA
	A small stockpile off Rt 1 Pequot Ave is partially covered with plastic during trenchwork. 1/03/07	Re-cover stockpile fully when feasible. Soil is contained within the silt fence. (see erosion control section.) 1/03/07	Needs attention when feasible.
<b>State species of concern, threatened and endangered species.</b>	According to the D&M plan, state-listed species are not located in this work area.	None	NA

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<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. 10/27/06-1/03/07</p> <p>Work appears temporarily complete at Vault #7536. 1/3/06</p> <p>Trenching activities at Howard and Railroad Ave was generating exposed soil. However, soil remains contained to the construction area. 1/03/06</p>	<p>Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 1/03/07</p> <p>Stabilize/restore area when appropriate. 11/01-1/03/07</p> <p>Stabilize/restore area when appropriate. 11/01-1/03/07</p>	<p>NA</p> <p>Needs attention when work is complete.</p> <p>Needs attention when work is complete.</p>
<b>Dewatering</b>	<p>Construction activities, including dewatering were not observed during this week's inspection. However, a frac tank is being stored near trench activities on Railroad Ave. 1/03/07</p>	None 1/03/07	NA
<b>Blasting</b>	<p>No blasting has been proposed. 1/03/07</p>	None 1/03/07	NA
<b>Spills and Material Storage</b>	<p>Spill cleanup materials/kits were observed in the storage yard. 1/03/07</p>	None 1/03/07	NA
<b>Additional Observations</b>	None 1/03/07	None 1/03/07	NA

**Next likely scheduled inspection:** Tuesday January 9, 2007

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, Greg Sommer, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Photograph taken on Railroad Ave. between Wordin Ave. and Iranistan Ave. of soils that have been exposed by construction activities. Temporary stabilization (mulch) is recommended.**



**Photograph taken at the intersection of Railroad Ave. and Hancock Ave. of some minor soil migration from the shoulder into the road. Vehicles are tracking soil through intersection.**



**Photograph of trenching activities and frac tanks stored on Railroad Ave. at its intersection with Howard Ave.**



**Photograph of the former Iranistan Ave. storage area for the project that has since been abandoned.**





**Photograph of Vault #41. Installation is complete and the area has been restored.**



**Photograph of Vault #36.**



**Photo of trenching activities along Pequot Ave. near its intersection with Rt. 1. The silt fence along this area is slumping in some areas. It is recommended that the silt fence be maintained and the plastic covering on the soil stockpile be replaced.**





**KING'S HIGHWAY LAYDOWN YARD**



**Photo of the concrete washout basin where washout was not fully contained. Repair as feasible.**



**Photo of a small section of the perimeter silt fence that is in disrepair along the side of the yard that is adjacent to the resource area.**