

**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 9, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** 1.04” of precipitation was recorded since the previous inspection (as reported by NOAA in Bridgeport, CT)

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	<p>All work is within or adjacent to existing paved roadways at this time.</p> <p>Some soil along the shoulder of Railroad Ave. is migrating into the roadway and being tracked by vehicle traffic. 1/3-1/9/07</p>	<p>See erosion control section.</p> <p>Further stabilize to prevent soil from migrating into roadway. 1/3-1/9/07</p>	<p>Not Applicable (NA)</p> <p>Needs attention when feasible.</p>
<b>Vault Openings and Trench Construction Bridgeport</b>	<p>Trenching activities continue: on Railroad Ave. between Howard Ave. and South Ave.; near the intersection of Railroad Ave. and Bostwick Ave.; and in the portion of land between Broad St. and Main Ave. 1/9/07</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. 1/9/07</p>	<p>Catch basins are protected.(Proactively)</p>
<b>Fairfield</b>	<p>Trenching activities continue on Rt. 1 near its intersection with Pequot Ave. Rd. 1/9/06</p>	<p>None 1/9/07</p>	<p>NA</p>
<b>Erosion and Sediment Controls Fairfield/Bridgeport</b>	<p>Filter fabric or filter socks are installed in catch basins adjacent to the construction activities. 1/9/07</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. 1/9/07</p>	<p>Catch basins were protected.(Proactively)</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Fairfield</b>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/9/07</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. 1/9/07</p>	<p>Needs regular attention but good efforts were noted</p>
	<p>Problems with dust were not observed this week. 1/9/07</p>	<p>None. 1/9/07</p>	<p>NA</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins. 1/09/07</p>	<p>Prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 1/09/07</p>	<p>NA</p>
	<p>Work at vault #41 is largely complete. Silt fence is installed around any remaining exposed soils. 1/9/07</p>	<p>Continue to stabilize soil as feasible but the area is contained. 1/9/07</p>	<p>NA</p>
	<p>Silt fence is also in place along trenching activities near Pequot Ave. A few sections were down due to workspace needs.</p>	<p>Continue to monitor and contain disturbed soils resulting from the construction. Re-establish any compromised controls before the close of each workday. 1/9/07</p>	<p>Needs regular attention.</p>
	<p>A soil stockpile here is partially covered with plastic and has adjacent silt fence. It remains stable and contained even following the 1" rain event. 1/9/07</p>	<p>Continue to monitor and maintain any controls in disrepair. 1/9/07</p>	<p>Needs regular attention.</p>
<b>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</b>	<p>Some of the concrete wash-out was not fully contained within the wash-out basin. 1/3-1/9/07</p>	<p>Contain all concrete wash-out in basin and provide adequate capacity. 1/3-1/9/07</p>	<p>Needs evaluation.</p>
	<p>One section of the perimeter silt fence near the entrance to the yard had been repaired.</p>	<p>Maintain controls as needed. 1/9/07</p>	<p>One section was repaired, one section still needs attention.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>Another small section still needs maintenance. 1/09/07</b>		
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 1/9/07</b>	<b>See erosion control section. 1/9/07</b>	<b>NA</b>
<b>Staging, Storage, and Parking Areas</b>	<b>A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 1/9/07</b>	<b>None 1/9/07</b>	<b>NA</b>
	<b>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. 1/9/07</b>	<b>See erosion control section. 1/9/07</b>	<b>NA</b>
<b>Soils</b>	<b>Soils are exposed as part of the excavation for trench, vault, and utility work. 1/9/07</b>	<b>Most areas are temporarily stabilized. 1/9/07</b>	<b>NA</b>
	<b>A small stockpile off Rt 1 Pequot Ave is contained and stable. 1/9/07</b>	<b>Minor maintenance is needed. See erosion control section. 1/9/07</b>	<b>NA</b>
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area.</b>	<b>None</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>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. 10/27/06-1/9/07</b>	<b>Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 1/9/07</b>	<b>NA</b>
	<b>Work appears</b>	<b>Stabilize/restore area</b>	<b>Needs attention when</b>

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	<p>temporarily complete at Vault #7536. 1/9/06</p> <p>Trenching activities at Howard and Railroad Ave was generating exposed soil. However, soil remains contained to the construction area. 1/9/06</p>	<p>when appropriate. 11/01-1/9/07</p> <p>Stabilize/restore area when appropriate. 11/01-1/9/07</p>	<p>work is complete.</p> <p>Needs attention when work is complete.</p>
<b>Dewatering</b>	<p>Dewatering activities were not observed during this week's inspection. 1/9/07</p> <p>Run-off from trenching activities in the parking area off Railroad Ave was not noticeably turbid and remained contained to the work site. 1/9/07</p>	<p>None 1/9/07</p> <p>Continue to monitor. 1/9/07</p>	<p>NA</p> <p>NA</p>
<b>Blasting</b>	No blasting has been proposed. 1/9/07	None 1/9/07	NA
<b>Spills and Material Storage</b>	Spill cleanup materials/kits were observed in the storage yard. 1/9/07	None 1/9/07	NA
<b>Additional Observations</b>	None 1/9/07	None 1/09/07	NA

**Next likely scheduled inspection:** Tuesday January 16, 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, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Both photos taken of trenching activities at the intersection of Railroad Ave. and Howard Ave. Left: Trenching activities in the adjacent parking area. Run-off was not noticeably turbid and was contained to the site. Right: Crews were using a vac truck to remove soil from around the existing utilities in the trench.**



**Trenching activities along the shoulder of Railroad Ave. near its intersection with Bostwick Ave.**



**Some soil from the shoulder of Railroad Ave. is migrating into the roadway and is being tracked by vehicles.**



**Both photos show trenching activities in the shoulder of Pequot Ave. near its intersection with Rt. 1. Left: Trench is being backfilled; erosion controls should be re-established at the close of each workday. Right: Soil stockpile associated with trenching activities. The pile remained stable and contained after a 1" rain event. Any sections of erosion controls in disrepair should be re-established.**

**Kings Highway Lay-down Yard**



**Concrete washout is not fully contained to the basin. It is recommended that improvements be made to contain all washout.**

**A small section of silt fence remains down near the entrance to the yard. The other side was repaired but controls here need maintenance.**