

**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:** February 1, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** 0.04” 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>Ruts/ tracks were still observed along the shoulder of Railroad Ave. and sediment is being tracked into the roadway by vehicle traffic. (external to the project). Flow fill was not placed here as stated last week but was actually part of the trench cover materials being unearthed by the traffic here. 2/1/07</p>	<p>See erosion control section.</p> <p>NU is evaluating this and is looking into removing the loam and replacing gravel here for stability. The soft topsoil will have to be removed prior to placing stone. 1/23-2/1/07</p>	<p>Not Applicable (NA)</p> <p>Issue is being evaluated and discussed with the city.</p>
<b>Vault Openings and Trench Construction Bridgeport</b>	<p>Trenching activities continue: near the intersection of Railroad Ave. and Bostwick Ave.; at the intersection of Railroad Ave. and Howard Ave.; at the intersection of Railroad Ave. and Myrtle Ave.; on Broad Street; and in the portion of land between Broad St. and Main Ave. 2/1/07</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. 2/1/07</p>	<p>Catch basins are protected.(Proactively)</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>Trenching activities continue on Rt. 1 near its intersection with Pequot Ave. A portion of the trench has been backfilled, loamed, and hydro-seeded. Utility crews were repairing a gas main during this week's inspection. 2/1/07</p> <p>Trenching activities have commenced east of vault #28.</p>	<p>See erosion and sediment control section. 2/1/07</p> <p>See erosion and sediment control and clearing sections. 2/1/07</p>	<p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls            All active areas</p> <p>Bridgeport</p>	<p>Filter fabric or filter socks are installed in catch basins adjacent to the construction activities. 2/1/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 2/1/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 2/1/07</p> <p>Although attempts have been made to sweep the area, a small accumulation of sediment remains adjacent to the filtering equipment within the parking area at the intersection of Railroad and Howard Aves. 1/23/06 – 2/1/07</p> <p>Piles of PVC shavings (fine, plastic pieces) were noted on the edge of the</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. 2/1/07</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. 2/1/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 2/1/07</p> <p>Continue to sweep up and properly dispose of any accumulated sediment to prevent tracking or run-off. 1/16-2/1/07</p> <p>Excess shavings should be contained in the future and disposed of properly.</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted.</p> <p>NA</p> <p>Attempts have been made to remove sediment but still needs attention.</p> <p>Needs regular attention.</p>



Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Staging, Storage, and Parking Areas</b></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. 2/1/07</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. 2/1/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 2/1/07</p> <p>See erosion control section. 2/1/07</p>	<p>NA</p> <p>NA</p>
<p><b>Soils</b></p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 2/1/07</p> <p>A small stockpile off Rt. 1 Pequot Ave is contained and stable. 2/1/07</p>	<p>Most areas are temporarily stabilized. 2/1/07</p> <p>See erosion control section. 2/1/07</p>	<p>NA</p> <p>NA</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>
<p><b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b></p>	<p>Tire ruts remain in the shoulder of Railroad Ave. as a result of vehicle tracking (not related to the project). 2/1/07</p> <p>Work appears temporarily complete at Vault #36. 2/1/06</p> <p>A 24" maple and 36" beech tree was removed near station #473 in accordance with the D&amp;M Plan. (The D&amp;M Plan labels the 36" tree as an Elm.) 2/1/07</p>	<p>NU is evaluating this and is looking into solutions. Loam would have to be removed prior to placing gravel or dense graded crushed stone here for stability 2/1/07</p> <p>Stabilize/restore area when appropriate. 11/01-2/1/07</p> <p>Restore area as required by the D&amp;M Plan when feasible. 2/1/07</p>	<p>NA</p> <p>Needs attention when work is complete.</p> <p>Needs attention when active work is complete.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Dewatering</b>	<b>Dewatering activities were observed during this week's inspection on Pequot Ave. 2/1/07</b>	<b>Continue to appropriately contain or filter water prior to release. 2/1/07</b>	<b>NA</b>
	<b>Some sediment accumulation remains near the filtering equipment in the parking area off Railroad Ave 1/31-2/1/07</b>	<b>See erosion control section. 2/1/07</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting has been proposed. 2/1/07</b>	<b>None 2/1/07</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Spill cleanup materials/kits were observed in the storage yard. 2/1/07</b>	<b>Ensure that spill kits are also present with each vehicle during active construction 2/1/07</b>	<b>NA</b>
<b>Additional Observations</b>	<b>None 2/1/07</b>	<b>None 2/1/07</b>	<b>NA</b>

**Next likely scheduled inspection:**           Tuesday February 7, 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



**Trenching activities east of Vault #28.**



**Photo of an area where a 24" maple and 36" beech tree have been removed in preparation of trenching activities to the east of Vault #28.**



**Photos of gas main repairs taking place along Pequot Ave. An absorbent pad has been proactively placed under the vac truck to catch drips that were observed.**



**Kings Highway lay-down yard. The small soil pile indicated is what remains of the concrete washout basin.**



**Trenching activities at the intersection of Howard Ave along Railroad Ave.**



**Photo on the left shows trenching activities along Broad St. Photo on the right shows small piles of PVC shavings on the roadway. This fine plastic material has the potential to migrate to adjacent catch basins, or to the yards of abutters. It should be vacuumed or swept off the roadway and proactively contained in the future.**