

**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 4c Underground Line**

**Date:** September 5, 2008

**Inspector:** Gregory Sommer

**Location:** Westport Avenue to the Norwalk Substation in the City of Norwalk

**Rain Event:** 0.48” of precipitation was reported since the previous inspection, with the largest event of 0.39” recorded on 8/30 (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 existing paved roadways and parking lots at this time. Minor sediment/ cold mix accumulation was noted along the roadway at various locations through this segment. 8/1-9/05/08</b>	<b>Sweep roadways on a regular basis. 9/05/08</b>	<b>Needs regular attention</b>
<b>Vault Openings and Trench Construction Norwalk</b>	<b>Temporary restoration efforts were observed at sta. #0-4 and steel road plates were observed near sta. #33, &amp; #46-48. 9/05/08</b>	<b>Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 9/05/08</b>	<b>NA (Not applicable)</b>
<b>Erosion and Sediment Controls</b>	<b>Controls were removed from catch basins on state routes per the request of ConnDOT to improve drainage during winter conditions. Contractor plans to discontinue use of controls for the duration of the project and clean basins as necessary. 9/05/08</b>	<b>Since controls are no longer in place in the catch basins, attend to all sediment at the source and stabilize exposed soils as quickly as possible. Clean catch basins as necessary. Consider installing controls when work is immediately adjacent. 9/05/08</b>	<b>Needs regular attention.</b>
	<b>Sediment and debris</b>	<b>Continue to remove the</b>	<b>Needs attention.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>continues to accumulate along the silt fence near sta. #14-16 (since 5/1). Gullies have formed in several areas and portions of the slope are beginning to erode. 6/12-9/05/08</p> <p>Work is complete in the area between sta. #15-18. Silt fence and hay bale barrier remains along the graded slope but portions of the silt fence need repair. 5/8-9/05/08</p> <p>The inlet at sta. #9+50 was associated with a pre-construction drainage swale. Trench work had modified the grades in the area (removing the swale). This area has recently been re-graded to re-established the swale. Topsoil has been spread but remains exposed. 9/05/08</p> <p>Crushed stone previously forming a check dam near sta. #8 has been spread over the surface to create an access drive to the substation. Crushed stone remains over some areas of the exposed soil between sta. #6-10 along the shoulder of the Rt. 7 off-ramp. Top soil has been spread in other areas. Tracking was not an issue. 9/05/08</p> <p>Trenching is complete between sta. #32-38. The area has been backfilled and temporarily paved. The cold mix/ granular material observed along the edge of the roadway</p>	<p>debris and stabilize the area. Install additional control measures as necessary and permanently stabilize the area when feasible. 6/12-9/05/08</p> <p>Monitor and maintain silt fence, install additional erosion control measures as necessary. Portions of the silt fence need repair. 5/8-9/05/08 The area also needs to be stabilized per D&amp;M guidelines. 8/14-9/05/08</p> <p>Continue to ensure that drainage does not cause issues on the roadway. Temporary controls are needed. Supt. indicated that he planned to install hay bale check dams along the shoulder of the roadway and within the swale. Stabilize areas of exposed soils as soon as possible. 9/05/08</p> <p>Discuss options with CL&amp;P on how to address the material that has previously eroded into the substation. 9/05/08</p> <p>Sweep roadway as necessary. 8/29/08</p>	<p>Needs attention.</p> <p>Swale was restored/regraded. Provide temporary controls and stabilization measures. (See Norwalk 9S Phasing and Erosion Control Plan rev. 10/30/03 from the Bethel-Norwalk project as reference)</p> <p>Discuss options with CL&amp;P on clean-up efforts within substation.</p> <p>Roadway appears to have been swept.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Norwalk            Norwalk lay-down yard</b></p>	<p>since 8/14 was no longer noted. 9/05/08</p> <p>The yard is no longer in use and perimeter erosion controls (silt fence and haybales) have been removed. 9/05/08</p> <p>A small asphalt berm has been removed and the yard has been restored. 9/05/08</p>	<p>None. 9/05/08</p> <p>None. 9/05/08</p>	<p>NA</p> <p>NA</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>The Norwalk storage yard is bound on the westerly side by the Norwalk River but the yard is no longer in use and has been restored. 9/05/08</p> <p>A resource area appears to be located down gradient from the work near sta#15-18. 9/05/08</p>	<p>See Erosion &amp; Sediment Controls section for more details. 9/05/08</p> <p>See Erosion &amp; Sediment Controls section for more details. 9/05/08</p>	<p>NA</p> <p>NA</p>
<p><b>Staging, Storage, and Parking Areas</b></p>	<p>A contractor lay-down yard was located at 6 Smith Street in Norwalk. The yard is no longer in use and has been restored. 9/05/08</p>	<p>None. 9/05/08</p>	<p>Yard is demobilized and restored.</p>
<p><b>Soils</b></p>	<p>Soil has been is exposed during trenching vault and utility installation during active work. A large amount of exposed topsoil between sta# 0-4 presents the potential for erosion. 9/05/08</p> <p>Crushed stone has been spread over some areas of exposed soils along the Rt. 7 off-ramp. Top soil has been recently spread in other areas between sta #4-9 and remains exposed and susceptible to erosion. 9/05/08</p>	<p>Soils appear to be handled appropriately. Stabilize areas of exposed soils as soon as possible where re-grading and backfilling has been performed. 9/05/08</p> <p>Stabilize areas of exposed Soils. Heavy rains are predicted for the weekend. Supt. Indicated that he planned to install hay bale check dams along the shoulder of the roadway and within the swale. 9/05/08</p>	<p>Area needs attention.</p> <p>Needs attention and stabilization.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</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. 9/05/08</b>	<b>None. 9/05/08</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<p><b>Multiple trees have been cleared between sta. #15-18. 9/05/08</b></p> <p><b>The area near the Norwalk substation perimeter (sta. #0-4) has been backfilled, re-graded, and trees have been planted (since 8/29). However, large areas of soil are still exposed. 9/05/08</b></p>	<p><b>When work is completed, restore the area as indicated in the D&amp;M plan. 9/05/08</b></p> <p><b>Efforts need to continue to stabilize soils. 9/05/08</b></p>	<p><b>NA</b></p> <p><b>Some landscaping has occurred but soils need stabilization.</b></p>
<b>Dewatering</b>	<b>Dewatering activities were not observed during this week's inspection. 9/05/08</b>	<b>Continue to appropriately contain and/or filter discharge water. 9/05/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<p><b>Spill cleanup materials/kits should be brought from site to site with equipment. 9/05/08</b></p> <p><b>Evidence of multiple concrete washouts remain along the slope near sta. #14-16. There is no active work in this area and the washouts are likely not project related. 9/05/08</b></p>	<p><b>Ensure that spill kits are present with each vehicle during active construction. 9/05/08</b></p> <p><b>Properly clean and dispose of washout material. Restrict access to the area or restore to discourage additional washouts from occurring 6/27-9/05/08</b></p>	<p><b>NA</b></p> <p><b>Washouts were not project related but need proactive attention. Area needs restoration.</b></p>
<b>Additional Observations</b>	<b>None. 9/05/08</b>	<b>None. 9/05/08</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Friday, September 12, 2008**

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:** Gregory Sommer, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Smith Street Yard has been demolished and adequately restored.**



**Pre-cast concrete retaining wall has been restored outside of the Norwalk substation near sta. #0 and the area has been backfilled. Some trees and landscaping has also been restored. Exposed soil needs mulch and seed.**



**Area between sta #2-9 has been re-graded to restore the drainage swale along the side of the substation. Exposed topsoil will need to be stabilized. The area around the drainage inlet at sta. #9+50 has also been re-graded. Temporary controls are needed until the area stabilizes.**

