

**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:** November 7, 2008

**Inspector:** Lennox Keen

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

**Rain Event:** 2.23" of precipitation was reported since the previous inspection, with the largest event of 2.03 recorded on 10/31. (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>	All work is within existing paved roadways and parking lots at this time and is nearing completion. 11/07/08	Sweep roadways on a regular basis. 11/07/08	Needs regular attention
<b>Vault Openings and Trench Construction Norwalk</b>	Areas along Main Street have been temporarily paved near sta. #31-38. 11/07/08  New River Electrical was on site at vaults #0 and #1. 11/07/08	Continue to monitor areas. Temporarily stabilize areas as they are completed. 11/07/08  None. 11/07/08	NA (Not applicable)  NA
<b>Erosion and Sediment Controls</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. 11/07/08  The slope at sta. #14-18 has vegetated and is stable. Silt fence and hay	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. 11/07/08  The side slope is fully stable with sufficient vegetative cover. Remove	Needs regular attention.  Area is stable, silt fence can be removed.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>bale barrier remains along the graded slope. 11/07/08</p> <p>In the area near sta. #4-10, some areas have fully vegetated. Other areas have no growth due to continued construction traffic. Hay bale check dams remain along the swale However, multiple gullies have since formed as a result of heavy rains and the swale and drainage inlet near sta. #9+50 are full of sediment. 9/12-11/07/08</p> <p>The inlet at #9+50 now has haybales surrounding it but obvious amounts of sediment have accumulated here and within the receiving catch basin. 9/12-11/07/08</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. Sedimentation into the substation yard has increased following the erosion of the topsoil previously placed along the slope. 11/07/08</p> <p>Granular material and concrete slurry from saw cutting remain along the edge of road near sta.#43-#45. The catch basin was not protected. 10/30-11/07/08</p>	<p>silt fence but haybales can remain. 11/07/08</p> <p>Continue to ensure that drainage does not cause issues on the roadway. Hay bale check dams and barriers had been installed but could not control the sediment.</p> <p>Regrade and stabilize areas of exposed soils with mulch and seed. 9/12-11/07/08</p> <p>Stabilize the area and clean out the catch basin and inlet. 9/12-11/07/08</p> <p>Discuss options with CL&amp;P on how to address the material that has previously eroded into the substation. 11/07/08</p> <p>Sweep roadways on a regular basis and provide adequate protection for catch basins during active work. The basin may need to be cleaned out as a result. 10/30-11/07/08</p>	<p>Needs attention</p> <p>Needs attention</p> <p>Discuss options with CL&amp;P on clean-up efforts within substation.</p> <p>Needs attention.</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>A resource area appears to be located down gradient from the work near sta#15-18. 11/07/08</p>	<p>The work area appears to be stable. 11/07/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Staging, Storage, and Parking Areas</b>	None. 11/07/08	None. 11/07/08	NA
<b>Soils</b>	<p>Soil has been is exposed during trenching, vault and utility installation during active work. 11/07/08</p> <p>Topsoil was recently spread over the work area along the Rt. 7 off-ramp near sta #4-9+50 but remained exposed going into a period of heavy rain. Eroded gullies and washouts formed in many locations, resulting in sedimentation. 9/12-11/07/08</p> <p>Most areas are approx. 50% vegetated, except in areas where vehicles are traveling. 11/07/08</p>	<p>Soils appear to be handled appropriately. Continue to monitor areas of exposed soil for vegetation growth. 11/07/08</p> <p>Work quickly to regrade and stabilize these exposed soils. Provide seed and thick mulch to reduce exposure to erosion. Haybale check dams are present but were not successful in containing the area. 9/12-11/07/08</p>	<p>Needs attention.</p> <p>Some grass cover was noted but needs attention.</p>
<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. 11/07/08	None. 11/07/08	NA
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	Multiple trees have been cleared between sta. #15-18. Grass cover has fully established despite the lack of mulch. 11/07/08	Provide plantings if indicated in the restoration plan. 11/07/08	Area was stable with adequate grass cover; may need plantings
<b>Dewatering</b>	Dewatering activities were not observed during this week's inspection. 11/07/08	Continue to appropriately contain and/or filter discharge water. Ensure clean water from vaults is discharged directly to catch basins. 11/07/08	NA
<b>Spills and Material Storage</b>	Spill cleanup materials/kits should be brought from site to site with equipment. 11/07/08	Ensure that spill kits are present with each vehicle during active construction. 11/07/08	NA
<b>Additional</b>	Materials stored near sta	None. 11/07/08	NA

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Observations</b>	<b>#14 are also not related to the M/N project but prohibit any re-vegetation along the roadway shoulder.. 11/07/08</b>		

**Next likely scheduled inspection:**

**Thursday, November 13, 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:** Lennox Keen, BSC Group

**Reviewer:** Diana Walden, BSC Group



**New River Electric was on site at vaults #0 and #1. The area outside of the Norwalk substation near sta. #6-9 was previously seeded and the area had started to vegetate. Portions of the area remain exposed due to continued construction traffic. Sediment had previously washed out and accumulated in the drainage swale. The receiving catch basin will need to be cleaned out.**



**Sediment and granular material has accumulated along the edge of the roadway near sta. #43-45. The roadway should be swept and the receiving catch basin may need to be cleaned out.**