

**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:** October 30, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** 1.56" of precipitation was reported since the previous inspection, with 0.76" and 0.80" recorded on 10/25 and 10/28 respectively. (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 and is nearing completion. 10/30/08</b>	<b>Sweep roadways on a regular basis. 10/30/08</b>	<b>Needs regular attention</b>
<b>Vault Openings and Trench Construction Norwalk</b>	<b>Areas along Main Street have been temporarily paved. near sta. #31-38.</b>  <b>Steel plates were observed near sta. #43-45. and New River Electric was on-site near sta. #14. 10/30/08</b>	<b>Continue to monitor areas. Temporarily stabilize areas as they are completed. 10/30/08</b>  <b>None. 10/30/08</b>	<b>NA (Not applicable)</b>  <b>NA</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. 10/30/08</b>  <b>The slope at sta. #14-18</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. 10/30/08</b>  <b>The side slope is fully</b>	<b>Needs regular attention.</b>  <b>Area is stable, silt</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>has vegetated and is stable. Silt fence and hay bale barrier remains along the graded slope. 10/30/08</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. 9/12-10/30/08</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. 9/12-10/30/08</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. 10/30/08</p> <p>Steel plates were in place near sta. #43-#45. Granular material and concrete slurry from saw cutting was observed along the edge of road. The receiving catch basin was not protected. 10/30/08</p>	<p>stable with sufficient vegetative cover. Remove silt fence but haybales can remain. 10/30/08</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. 9/12-10/30/08</p> <p>Stabilize the area and clean out the catch basin and inlet. 9/12-10/30/08</p> <p>Discuss options with CL&amp;P on how to address the material that has previously eroded into the substation. 10/30/08</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. 10/30/08</p>	<p>fence can be removed.</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>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>A resource area appears to be located down gradient from the work near sta#15-18. 10/30/08</b>	<b>The work area appears to be stable 10/30/08</b>	<b>NA</b>
<b>Staging Storage, and Parking Areas</b>	<b>None. 10/30/08</b>	<b>None. 10/30/08</b>	<b>NA</b>
<b>Soils</b>	<p><b>Soil has been is exposed during trenching vault and utility installation during active work. 10/30/08</b></p> <p><b>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. 9/12-10/30/08</b></p> <p><b>Most areas are approx. 50% vegetated, except in areas where vehicles are traveling. 10/30/08</b></p>	<p><b>Soils appear to be handled appropriately. Continue to monitor areas of exposed soil for vegetation growth. 10/30/08</b></p> <p><b>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. 9/12-10/30/08</b></p>	<p><b>Continue to monitor.</b></p> <p><b>Some grass cover was noted but needs attention.</b></p>
<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. 10/30/08</b>	<b>None. 10/30/08</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>Multiple trees have been cleared between sta. #15-18. Grass cover has fully established despite the lack of mulch. 10/30/08</b>	<b>Provide plantings if indicated in the restoration plan. 10/30/08</b>	<b>Area was stable with adequate grass cover</b>
<b>Dewatering</b>	<b>Dewatering activities were not observed during this week's inspection. 10/30/08</b>	<b>Continue to appropriately contain and/or filter discharge water. Ensure clean water from vaults is discharged directly to catch basins. 10/30/08</b>	<b>NA</b>
<b>Spills and Material</b>	<b>Spill cleanup materials/</b>	<b>Ensure that spill kits are</b>	<b>NA</b>

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<b>Storage</b>	<b>kits should be brought from site to site with equipment. 10/30/08</b>	<b>present with each vehicle during active construction. 10/30/08</b>	
<b>Additional Observations</b>	<b>Materials stored near sta #14 are also not related to the M/N project but prohibit any re-vegetation along the roadway shoulder. 10/30/08</b>	<b>None. 10/30/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Friday, November 7, 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



**The area outside of the Norwalk substation near sta. #8 has been seeded and the area is beginning to vegetate. The drainage swale has been restored, but sediment has eroded and accumulated in portions of the swale. The receiving catch basin will need to be cleaned.**



**Sediment and granular material has accumulated along the edge of the roadway near sta. #43-45.**