

**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 1b (Royal Oaks Bypass) Inspection**

**Date:** August 5, 2008

**Inspector:** Matthew Creighton

**Location:** Segment 1b (Royal Oaks Bypass)

**Rainfall:** 0.68" of precipitation was recorded in the week prior to inspection with 0.53" falling on 8/2 (NOAA data at Meriden, CT).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access roads and adjacent roadways</b>	<b>The permanent access road remains in place east of Rte. 17 and within the contractor receiving yard. A stockpile is located within the yard upgradient from the wetlands. 7/28/08</b>	<b>Sweep roadways as necessary. See 1A report for stockpile information. 7/28/08</b>	<b>Not Applicable (NA) See 1A report on stockpile.</b>
<b>Route 17 west (through contractor yard), Rte 17 east.</b>	<b>The permanent access road and culverts remain. 8/5/08</b>	<b>Continue to monitor areas now that restoration is complete. See erosion control section. 8/5/08</b>	<b>NA at this time.</b>
	<b>Permanent stone access road is in place north of Little Ln. to structure #24530. The access road bisects a small channel. A culvert remains in place at the channel to maintain hydrology. 8/5/08</b>	<b>Continue to monitor the culvert for effectiveness. 8/5/08</b>	<b>NA</b>
<b>Foundation and site construction</b>	<b>NA- Final grading complete.</b>	<b>NA</b>	<b>NA</b>
<b>Erosion and sediment controls</b>	<b>A stone road remains in place of timber mats west of Rte. 17 within the wetlands to structure #24530. The culvert at the channel has clear water flowing through it. 8/5/08</b>	<b>Monitor the culvert for proper drainage and erosion. Add controls as needed. See access road section. 8/5/08</b>	<b>NA</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Controls remain to filter water flowing from the access road east of Rte 17. Grass cover was noted along the slopes. 8/5/08</p> <p>Areas west of the Black Walnut Drive entrance have good grass cover and vegetative growth. 8/5/08</p> <p>Some silt fence controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. Some grass growth was noted in restored areas but mulch/chips appear to be too thick in others. The area is stable but will not vegetate. 8/5/08</p>	<p>Restored areas were largely stable with cover. 8/5/08</p> <p>Area is almost fully stable. 8/5/08</p> <p>Monitor this area until final stabilization is achieved. Good controls are in place. Remove the silt fence when applicable following any additional restoration work. 8/5/08</p> <p>See vegetative clearing/stabilization section for more details.</p>	<p>Grass and shrub growth continues.</p> <p>Good cover noted.</p> <p>Remaining line of silt fence will need to be removed eventually.</p> <p>Wood chips need evaluation.</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Access road, pads, and timber mats west of Rte 17 and east of Little Ln continue to establish good vegetative cover. 8/5/08</p> <p>Permanent access road remains through wetlands to reach #24530. The culverted channel is working well. 8/5/08</p> <p>Access road is in place west of Rte 17 in the receiving yard wetlands. Three streams were crossed with culverts. Good vegetative cover is present adjacent to the roads; The majority of the cover consists of native wetland species. 8/5/08</p>	<p>Wetland vegetation is establishing very well and most areas are fully stable. 8/5/08</p> <p>Monitor the culvert and add controls as needed. See erosion controls and access roads sections. 8/5/08</p> <p>Wetland crossings are largely stable. 8/5/08</p>	<p>Most areas are stable</p> <p>NA</p> <p>NA at this time.</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>Good amphibian breeding habitat is noted in wetlands throughout the project route. 8/5/08</p>	<p>Work and restoration complete in this area. 8/5/08</p>	<p>According to the D&amp;M plan, state-listed species are not located in work areas.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Vegetative clearing or stabilization</b>	<p>Restoration completed from Black Walnut Dr. to Little Lane. Vegetative growth/cover continues to increase in restored areas. 8/5/08</p> <p>The pad (angle structure) near the turn towards Little Ln off the receiving yard has some sparse cover due to thick mulch/chips. 6/30-8/5/08</p>	<p>Restored areas are largely stable with over 70% cover. 7/28/08</p> <p>Continue to monitor and rake out the mulch and re-seed if necessary. 6/30-8/5/08 <i>Contractors informed BSC that they are planning to remove the majority of the wood chips and re-seed.</i></p>	<p>Vegetative cover established in most restored areas.</p> <p><i>Additional restoration efforts are planned here.</i></p>
<b>Dewatering</b>	Active work associated with dewatering was no longer necessary. 8/5/08	NA 8/5/08	NA
<b>Blasting</b>	No blasting is proposed at this time. 8/5/08	None	NA
<b>Spills, soils and material storage</b>	<p>Contractor receiving yard in Middletown for 1A &amp; 1B work is demobilized. Stockpile is located upgradient from wetlands in the receiving yard. 8/5/08</p> <p>If any additional work is performed within the Laurel Brook watershed protection area, equipment should be monitored closely. 8/5/08</p>	<p>Move stockpile away from wetlands. See 1A report. Contractor is planning to evaluate this area. 8/5/08</p> <p>Proactively check equipment for leaks if any future work is needed in the protected area. 8/5/08</p>	<p>See 1A report for details.</p> <p>NA at this time.</p>
<b>Additional Observations</b>	None. 8/5/08	None. 8/5/08	NA

**Next likely scheduled inspection:**

Monday August 11, 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:**

Diana Walden, BSC Group



**View of the stone/soil stockpile remaining in the contractor yard. Controls are in place but the pile is located just upgradient from wetlands and should be relocated.**



**View of the ROW and wetland crossing looking towards Little Lane. The area has good vegetative cover, consisting of native wetland plant species.**



**View of the pad/angle structure at the turn in the ROW off the receiving yard. The area remains stable with thick wood chips but vegetation will not be able to establish fully. The contractor plans to remove the chips and seed the area when feasible.**