

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 25, 2008

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.01” of precipitation was recorded in the week prior to inspection all falling on 8/25 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	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. 8/25/08	See 1A report for stockpile information. 8/25/08	See 1A report on stockpile.
Route 17 west (through contractor yard), Rte 17 east.	The permanent access road and culverts remain. 8/25/08	Continue to monitor areas now that restoration is complete. See erosion control section. 8/25/08	Not Applicable (NA) at this time.
	A new gate and fence was installed at the contractor yard along the upper edge of the wetland and across the access road. It is likely that the private property owner installed this fence. 8/25/08	Determine whether the property owner performed the installation. 8/25/08	NA at this time.
	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. 8/25/08	Continue to monitor the culvert for effectiveness. 8/25/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation and site construction	NA- Final grading complete.	NA	NA
Erosion and sediment controls	<p>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. This area is stable. 8/25/08</p> <p>Haybales remain along the slopes of the access road east of Rte 17 however; the area is vegetated and stable. 8/25/08</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. 8/25/08</p>	<p>Monitor the culvert for proper drainage and erosion. See access road section. 8/25/08</p> <p>Restored areas were stable with vegetative cover. 8/25/08</p> <p>Monitor this area until final stabilization is achieved. Remove the silt fence when applicable following any additional restoration work. 8/25/08</p> <p>See vegetative clearing/stabilization section for more details.</p>	<p>Area is stable.</p> <p>The area is stable.</p> <p>Remaining line of silt fence will need to be removed eventually.</p> <p>Wood chips need evaluation.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Permanent access road remains through wetlands to reach #24530. The culverted channel is working well. 8/25/08</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. 8/25/08</p> <p>Small disturbed area was noted with the installation of a new fence and gate within the upper</p>	<p>Monitor the culvert and add controls as needed. See erosion controls and access roads sections. 8/25/08</p> <p>Wetland crossings are largely stable. 8/25/08</p> <p>The property owner is likely responsible for the fence installation and therefore the stabilization.</p>	<p>NA</p> <p>NA at this time.</p> <p>Silt fence was removed in stable areas.</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>boundary of the wetlands and across the access road at the edge of the receiving yard. Mulch was noted on the disturbed soils. 8/25/08</p>	<p>8/25/08</p>	
<p>State species of concern, threatened and endangered species.</p>	<p>Good amphibian breeding habitat is noted in wetlands throughout the project route. 8/25/08</p>	<p>Work and restoration complete in this area. 8/25/08</p>	<p>According to the D&M plan, state-listed species are not located in work areas.</p>
<p>Vegetative clearing or stabilization</p>	<p>Restoration completed from Black Walnut Dr. to Little Lane. Vegetative growth/cover continues to increase in restored areas. 8/25/08</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. 6/30-8/25/08</p>	<p>Restored areas are largely stable with over 70% cover. 8/25/08</p> <p>Continue to monitor and rake out the mulch and re-seed if necessary. 6/30-8/25/08 <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>
<p>Dewatering</p>	<p>Active work associated with dewatering was no longer necessary. 8/25/08</p>	<p>NA 8/25/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 8/25/08</p>	<p>None</p>	<p>NA</p>
<p>Spills, soils and material storage</p>	<p>Contractor receiving yard in Middletown for 1A & 1B work is demobilized. Stockpile is located upgradient from wetlands in the receiving yard. 8/25/08</p> <p>If any additional work is performed within the Laurel Brook watershed protection area, equipment should be monitored closely. 8/25/08</p>	<p>Move stockpile away from wetlands. See 1A report. Contractor is planning to evaluate this area 8/25/08</p> <p>Proactively check equipment for leaks if any future work is needed in the protected area. 8/25/08</p>	<p>See 1A report for details.</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Additional Observations	None. 8/25/08	None. 8/25/08	NA

Next likely scheduled inspection: Tuesday September 2, 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: Matt Creighton, BSC Group

Reviewer: Diana Walden, BSC Group



Vegetated and stabilized slope at the 1A and 1B intersection.



New fence installed upgradient of the wetland and across the access road past the contractor yard. Hay mulch was applied over exposed soils. This was likely installed by the private property owner.



Material stockpile and property owner's brush pile at the receiving yard. Controls are in place but the pile is located just upgradient from wetlands and should be relocated.



Another view of the pad/angle structure where vegetative cover is still sparse. 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.