

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: July 7, 2008

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 1.07" of precipitation was recorded in the week prior to inspection with 0.43" falling on 7/5 (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. 7/7/08	Sweep roadways as necessary. See 1A report for stockpile information. 7/7/08	Not Applicable (NA) See 1A report on stockpile.
Route 17 west (through contractor yard), Rte 17 east.	The permanent access road and culverts remain. 7/7/08	Continue to monitor areas now that restoration is complete. See erosion control section. 7/7/08	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. 7/7/08	Monitor the culvert for effectiveness. Continue to monitor this area. 7/7/08	NA
Foundation and site construction	NA- Final grading complete.	NA	NA
Erosion and sediment controls	A permanent stone road remains west of Rte. 17 within the wetlands to structure #24530. The new culvert is in place at the channel and clear water was flowing	Monitor the recently installed culvert for proper drainage and erosion. Add controls as needed. See access road section. 7/7/08	The new culvert appears to be working well.

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	<p>through it during the inspection. 7/7/08</p> <p>Controls remain to filter water flowing from the access road east of Rte 17. Grass growth was noted along the slopes. 7/7/08</p> <p>Areas west of the Black Walnut Drive entrance have good grass cover and vegetative growth. 7/7/08</p> <p>Controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. Areas remain seeded and mulched and silt fence remains adjacent to the wetlands. Some grass growth was noted in restored areas but mulch/chips may be too thick in others. 7/7/08</p>	<p>Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. 7/7/08</p> <p>Continue to monitor for final stabilization. Area is almost fully stable. 7/7/08</p> <p>Monitor this area until final stabilization is achieved. Good controls are in place. Remove the silt fence when applicable. 7/7/08</p>	<p>Grass and shrub growth continues.</p> <p>Grass and shrub growth noted.</p> <p>Establishment of vegetation is noted in many areas.</p> <p>Silt fence will need to be removed.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Access road, pads, and timber mats west of Rte 17 and east of Little Ln have established vegetative cover. 7/7/08</p> <p>Permanent access road remains through wetlands to reach #24530. The new culvert is in place at the channel. 7/7/08</p> <p>Access road is in place west of Rte 17 in the receiving yard wetlands. Three streams were crossed with culverts. Controls and mulch are in place adjacent to the roads. 7/7/08</p>	<p>Monitor newly reclaimed areas until stabilized. Wetland vegetation is establishing very well. 7/7/08</p> <p>Monitor the culvert and add controls as needed. See erosion controls and access roads sections. 7/7/08</p> <p>Monitor area closely for erosion and run-off. Add controls as needed to prevent road run-off. 7/7/08</p>	<p>Most areas are stable.</p> <p>New culvert is functioning well.</p> <p>NA at this time.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>Good amphibian breeding habitat is noted in wetlands throughout the project route. 7/7/08</p>	<p>Work and restoration complete in this area. 7/7/08</p>	<p>According to the D&M plan, state-listed species are not located in work areas.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing or stabilization	<p>Restoration completed from Black Walnut Dr. to Little Lane. Vegetative growth/cover continues to increase in restored areas. 7/7/08</p> <p>One pad near the turn towards Little Ln off the receiving yard has some sparse cover due to thick mulch/chips. 6/30-7/7/08</p>	<p>Monitor restored areas for stabilization and add controls as needed. 7/7/08</p> <p>Continue to monitor and rake out the mulch and re-seed if necessary. 6/30-7/7/08</p>	<p>Vegetative cover established in most restored areas.</p> <p>NA at this time.</p>
Dewatering	Active work associated with dewatering was no longer necessary. 7/7/08	NA 7/7/08	NA
Blasting	No blasting is proposed at this time. 7/7/08	None	NA
Spills, soils and material storage	<p>Contractor receiving yard is set up near Rte. 17 in Middletown for 1A & 1B work. Stockpile is located upgradient from wetlands in the receiving yard. 7/7/08</p> <p>Monitor equipment closely for future work within the Laurel Brook watershed protection area. Any refueling and equipment maintenance should be done outside of the protected area. 7/7/08</p>	<p>Continue to use and restock materials as needed. Move stockpile away from wetlands. See 1A report. 7/7/08</p> <p>In general, if a leak is observed, contain it and remove equipment from water department property. Proactively check equipment for leaks when working in the protected area. 7/7/08</p>	<p>See 1A report for details.</p> <p>NA at this time.</p>
Additional Observations	None. 7/7/08	None. 7/7/08	NA

Next likely scheduled inspection:

Monday July 14, 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



Grass growth noted at the pad site within the receiving yard.



Wetland crossing at the edge of the receiving yard is stable with good vegetative cover.



The pad at the turn towards Little Lane off the Receiving Yard has thick mulch/chips that are inhibiting vegetative growth.



View of the intersections of 1A and 1B at Little Lane. Area is fully stabilized.