

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: May 19, 2008

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.51” of precipitation was recorded in the week prior to inspection with 0.27” of the total reported on 5/16 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Route 17 west (through contractor yard), Rte 17 east.	The permanent access road remains in place east of Rte. 17 and within the contractor receiving yard. 5/19/08	Sweep roadways as necessary. 5/19/08	Not Applicable (NA)
	The old wooden pole remains across the slope off Black Walnut Dr. to prevent vehicles from driving over and damaging the water bar here. 5/19/08	None. 5/19/08	NA at this time
	Some culverts and the permanent access road remain. 5/19/08	Continue to monitor stabilized areas now that restoration is complete. See erosion control section. 5/19/08	NA at this time.
	Slightly turbid water has been noted at the receiving yard during times of heavy traffic and precipitation. Controls remain in place around the pond adjacent to the receiving yard. 5/19/08	See erosion control section for details. Continue to evaluate the source of turbidity noted regularly in the access road crossing. 5/19/08	Controls are in good shape but continue to evaluate.
	Permanent stone access road is in place west of Rte 17 and south of the receiving yard (north of Little Ln. to structure	A culvert or similar is needed at the channel crossing to prevent flooding and erosion of the access road and to	Channel hydrology will need attention/ culvert installation at a low flow period.

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	<p>#24530) where timber mats had been removed. The access road bisects a small channel and a culvert was not installed. This area is flooding and flowing around the access road. 4/14-5/19/08</p> <p>The area from Rte 17 to the edge of the wetlands remains reclaimed with mulch and seed. A gate is in place off Rte 17. 5/19/08</p> <p>The reclaimed areas located from Rte 17 to Little Ln remain graded, and seeded and grass growth was noted. 5/19/08</p>	<p>maintain the hydrology in the currently bisected channel. 4/14-5/19/08 <i>Contractors have evaluated this and determined that a culvert will be installed during low flow. 5/5-5/19/08</i></p> <p>Continue to monitor for final stabilization and vegetative cover. Access through here will still be needed in order to maintain hydrology at the crossing. 4/21-5/19/08</p> <p>Monitor this area for run-off and add controls as needed until stable. 5/19/08</p>	<p>Monitor for stabilization.</p> <p>Grass growth noted in many reclaimed areas.</p>
<p>Foundation and site construction</p>	<p>NA- Final grading complete.</p>	<p>NA</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>A stone road remains in place of timber mats west of Rte. 17 within the wetlands to structure #24530. Channel crossing is flooded and no culvert has been installed (4/14). Floodwaters are flowing around the new access road and into the adjacent stream. 5/19/08</p> <p>Controls remain to filter water flowing from the access road east of Rte 17. Some grass growth was noted along the slopes. 5/19/08</p> <p>Pad and edges of the access road remain reclaimed, mulched, and seeded at structure #24531. 5/19/08</p>	<p>Ensure sufficient stabilization or controls following the access road construction. The channel will require a culvert to maintain hydrology. Monitor the new access road for erosion. See access roads section. 4/14-5/19/08 <i>Contractors will return in a drier period. 5/19/08</i></p> <p>Continue to monitor and stabilize disturbed areas Add/maintain controls as necessary. 5/19/08</p> <p>Add controls as necessary and monitor for erosion and final vegetative cover. 5/19/08</p>	<p><i>Contractors will be installing a culvert here during a low flow period to reduce additional disturbance.</i></p> <p>Grass growth continues.</p> <p>Continue to monitor.</p>

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	<p>Areas west of the Black Walnut Drive entrance have good grass cover and vegetative growth. 5/19/08</p> <p>Controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. Exposed areas remain seeded and mulched and silt fence remains adjacent to the wetlands. Some grass growth was noted in restored areas. 5/19/08</p>	<p>Continue to monitor for final stabilization. Area is almost fully stable. 5/19/08</p> <p>Monitor this area until final stabilization is achieved. Good controls are in place. Remove the silt fence when applicable. 5/19/08</p>	<p>Grass and shrub growth noted.</p> <p>Grass growth continues in restored areas.</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 are beginning to exhibit vegetative cover. 5/19/08</p> <p>Permanent access road remains through wetlands to reach #24530. However, hydrology in a small channel was bisected. 4/14-5/19/08 The area is flooding and flowing around the new access road, creating some erosion. However conditions are too wet to install a culvert at this time. 5/19/08</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. 5/19/08</p> <p>One of the streams has a considerable amount of sediment accumulation in the wetlands at the culvert, likely from off-</p>	<p>Monitor newly reclaimed areas until stabilized. Wetland vegetation is establishing very well. 5/19/08</p> <p>Either take the grade of the road down here or install a culvert. Controls may also be needed to prevent run-off. 4/14-5/19/08 <i>Contractors have determined a culvert will be installed but suggest waiting until low flow to prevent further disturbance. 5/5-5/19/08</i></p> <p>Monitor area closely for erosion and run-off. Add controls as needed to prevent road run-off. 5/19/08</p> <p>Although the sediment accumulation does not appear to be project related, consider carefully removing the sediment</p>	<p>Continue to monitor until stable.</p> <p>Needs regular evaluation. <i>Contractors will be installing a culvert at a low flow period.</i></p> <p>NA at this time.</p> <p>Needs consideration. <i>Contractors stated they will evaluate but may not interfere.</i></p>

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	site erosion. 5/19/08	accumulation in the wetlands to improve conditions. 5/19/08	
State species of concern, threatened and endangered species.	Good amphibian breeding habitat is noted in wetlands throughout the project route. 5/19/08	Work and restoration complete in this area. 5/19/08	According to the D&M plan, state-listed species are not located in work areas.
Vegetative clearing or stabilization	Restoration completed from Black Walnut Dr. to Little Lane. Some vegetative growth was noted in recently restored areas. 5/19/08	Monitor restored areas for stabilization and add controls as needed. 5/19/08	Vegetative growth continues in most restored areas.
Dewatering	Active work associated with dewatering was no longer necessary. 5/19/08	NA 5/19/08	NA
Blasting	No blasting is proposed at this time. 5/19/08	None	NA
Spills, soils and material storage	Contractor receiving yard is set up near Rte. 17 in Middletown for 1A work. 5/19/08 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. 5/19/08	Continue to use and restock materials as needed. 5/19/08 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. 5/19/08	NA NA at this time.
Additional Observations	None. 5/19/08	None. 5/19/08	NA

Next likely scheduled inspection:

Tuesday May 27, 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 and vegetative growth noted along the slopes east of the contractor yard to Black Walnut Drive.



View of wetland crossing from the contractor yard. Re-growth of vegetative cover is well underway.



View of permanent wetland crossings looking north toward Little Ln.



Some grass growth noted at the reclaimed final pad site off Little Lane