

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 2a Inspection

Date: September 29, 2008

Inspector: Matthew Creighton

Location: Segment 2a – Beseck Switching Station to Cheshire/Hamden Town Line

Rainfall: 2.62” of precipitation was recorded in the week prior to inspection with 2.08” falling on 9/26 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Carpenter Ln. to Rte 68	South of Carpenter Ln, the large area upgradient of the wetlands is sparsely vegetated and may need additional seed. 9/29/08	Continue to monitor the area. See the erosion control section for more details. 9/29/08	NA (Not Applicable) Additional seed may be needed.
	ATV traffic has rutted and disturbed several sections of slope off High Hill Rd. before vegetation could establish. Contractor has installed fences and signs to reduce ATV traffic. 9/29/08	Haybales were added to the base of slope proactively in one location. The area should be stabilized further if feasible. 9/29/08	Contractor has made efforts to reduce ATV traffic. Ruts need attention if feasible.
Durham Rd. Liney Hall Ln.	A ditch/waterbar was installed (8/12) to divert run-off across the exposed access road, away from the wetlands downgradient. 9/29/08	Continue to monitor the access road upgradient from wetlands until stable. 9/29/08	NA at this time
Pond Hill Rd. Docker Dr.	ATV disturbance in areas between Pond Hill Rd and Docker Dr. remain controlled with heavy mulch. 9/29/08	Mulch has reduced the impacts from ATV's. See erosion control section for more details. 9/29/08	NA at this time.
Tuttle Ave.	A culvert remains in place to help prevent ponding on the access road. The access road, pads and small stockpiles remain in place along this section. ATV use, dumping and	BSC was informed the pads and stockpile materials will remain per the landowner's request. Permanent wetland crossing impacts were permitted and will	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Tamarack Swamp Rd.	<p>installed (8/12) to redirect stormwater into stable vegetated areas above the wetland. 9/29/08</p> <p>Grass cover has established at structure #24252 immediately adjacent to the wetland. The filter socks will be left to deteriorate in place. 9/29/08</p>	<p>Monitor areas for final vegetative cover. 9/29/08</p>	<p>Vegetation has established.</p>
Powers Rd. Woodhouse Ave. Harrison Rd.	<p>Vegetative cover continues to increase along the channel at Powers Rd 9/29/08</p>	<p>This area is stable. The few sparse areas have been filling in. 9/29/08</p>	<p>The area appears to be stable.</p>
Pond Hill Rd. & Docker Dr. (I 91 – Rte. 5)	<p>Area is stable. ATV traffic has reduced. Silt fence and silt sock remain at the base of slope. 9/29/08</p>	<p>Silt fence should be removed if the area is fully stable. 9/29/08</p>	<p>ATV traffic appears to have reduced. Area is stable. Remove silt fence.</p>
Tuttle Ave.	<p>Area is being left as is for homeowner's use. 9/29/08</p>	<p>NA</p>	<p>NA</p>
Old Farms Rd.	<p>A drainage swale is in place (since 1/16) to prevent turbid run-off from the saturated driveway crossing however, run-off was only noted during heavy rains when active. 9/29/08</p> <p>Final restoration underway from Cook Hill Jct. to 2B. 9/29/08</p>	<p>Continue to stabilize disturbed areas to the extent feasible and ensure the area is contained by controls, including CB liners, as needed to filter run-off. Additional controls should be used in the drainage areas. 9/29/08</p> <p>Continue to provide final stabilization as soon as possible and maintain controls, as needed until stable. 9/29/08</p>	<p>Continue to evaluate and stabilize.</p> <p>Area needs additional attention when active, in periods of heavy rain.</p> <p>Final restoration underway.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Work has occurred in jurisdictional wetlands under an ACOE permit</p> <p>In accordance with the D&M Plan, all work occurring in and around wetlands should be expedited to minimize</p>	<p>Approved work in wetlands will follow the permit guidelines. 9/29/08</p> <p>Any additional work needed in and around wetlands should be expedited to allow for final stabilization</p>	<p>NA</p> <p>Restoration almost complete.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Carpenter Ln. to Rte 68</p> <p>Powers Rd. & Woodhouse Ave.</p> <p>Tuttle Ave.</p>	<p>potential adverse impacts to wetlands and reduce disturbances to wetland soils. Most areas are restored at this point. 9/29/08</p> <p>Sections of ROW are located within the McKenzie Watershed Protection District of the Town of Wallingford from existing pole #8798 to Beseck SS. 9/29/08</p> <p>The permanent access road remains with three culverts installed. The timber span bridge will also be retained. Wetland and hydrology has been restored. 9/29/08</p> <p>Previously exposed soils have established vegetation and appear to have 70% cover. 9/29/08</p> <p>Several wetland crossings will remain permanently in place. 9/29/08</p>	<p>procedures to commence 9/29/08</p> <p>This area should be closely monitored. Monitor equipment for leaks whenever working in these sensitive areas. Refuel and store equipment outside of the district. 9/29/08</p> <p>The wetlands are stable with good cover consisting of native wetland species. 9/29/08</p> <p>None. 9/29/08</p> <p>The adjacent areas of wetland are stable with vegetative cover 9/29/08</p>	<p>Work is complete in this area. Monitor for stabilization.</p> <p>Wetlands are stable.</p> <p>Area has 70% cover.</p> <p>NA at this time.</p>
<p>State species of concern, threatened and endangered species.</p> <p>Woodhouse Ave; Harrison Rd. Mansion Rd. to Tuttle Ave</p>	<p>An Eastern Box turtles was observed off Woodhouse Ave on 5/8/07 and in the section between Mansion Rd. and Tuttle Ave on 7/17/07.</p>	<p>Both areas should receive the same attention as known protected habitat area along the ROW. Sweeps for turtles are required prior to accessing the site. 9/29/08</p>	<p>Sweeps are needed in this area during access for restoration activities.</p>
<p>Vegetative clearing or stabilization All work areas</p> <p>Restoration activities</p>	<p>Vegetation was preserved in areas where invasive species were not dominant. 9/29/08</p> <p>Final restoration is underway off Old Farms. 9/29/08</p> <p>A few spots may need additional measures or controls until vegetation</p>	<p>All work areas have been cleared. 9/29/08</p> <p>Final restoration will continue based on weather. 9/29/08</p> <p>Continue to monitor the few sparse areas and reseed as needed. Also</p>	<p>NA</p> <p>Final stabilization underway.</p> <p>A few specific areas may need some attention Continue to</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodhouse Ave and Harrison Rd.	establishes, (e.g slopes to wetlands on Durham, at Structure #24281 and the Stony Brook Rd. entrance. However, the areas do appear to be slowly filling in. 9/29/08 As requested by state representatives and Siting Council staff, native shrubs were planted (9/18/07) in clusters to provide shading for Allen Brook. 9/29/08	continue to evaluate whether the overall area is at 70% cover. 9/29/08 Continue to monitor and replace shrubs if needed. B&M intends to monitor the survival status of the shrubs.9/29/08	evaluate. NA at this time.
Dewatering	All foundations and dewatering is complete at this time. 9/29/08	Remove and stabilize old dewatering pits as necessary. 9/29/08	NA at this time. Work has shifted to restoration.
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 9/29/08	Always use spill control materials when working on equipment and during refueling. Replace as needed. Check equipment daily for leaks and repair as soon as possible. 9/29/08	Needs regular attention.
Additional Observations	At Tuttle Ave, pads and access roads are going to remain in place as BSC was informed this was requested by the landowner. However, ATV use, dumping and other activity was noted and it was unclear if this was the result of trespassing. 9/2- 9/29/08	The NU project team will contact the landowner to determine if they know about the activity.	The landowner will be contacted.

Next likely scheduled inspection:

Monday October 6, 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



Carpenter Ln: Recently restored uplands are still sparsely vegetated. Additional seed may be needed.



Stony Brook Rd: Small sparse area of vegetation located at the site entrance. It will be evaluated if there is 70% cover overall. It appears to be slowly filling in with grass.



Tamarack Swamp Rd: Grass growth noted; area is stable. The filter socks will be left to deteriorate in place.



Cook Hill Jct: Final restoration underway in this section.