

**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 8, 2008

**Inspector:** Matthew Creighton

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

**Rainfall:** 4.13” of precipitation was recorded in the week prior to inspection with 3.89 falling on 9/6 (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 Carpenter Ln. to Rte 68</b>	<b>South of Carpenter Ln, the large area upgradient of the wetlands is sparsely vegetated and may need additional seed. 9/8/08</b>	<b>Continue to monitor the area. See the erosion control section for more details. 9/8/08</b>	<b>NA (Not Applicable) Additional seed may be needed.</b>
	<b>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. 9/8/08</b>	<b>Haybales were added to the base of slope proactively in one location. The area should be stabilized further if feasible. 9/8/08</b>	<b>Contractor has made efforts to reduce ATV traffic. Ruts need attention if feasible.</b>
<b>Durham Rd. Liney Hall Ln.</b>	<b>A ditch/waterbar was installed (8/12) to divert run-off across the exposed access road, away from the wetlands downgradient. 9/8/08</b>	<b>Continue to monitor the access road upgradient from wetlands until stable. 9/8/08</b>	<b>Wetlands are stable.</b>
<b>Pond Hill Rd. Docker Dr.</b>	<b>ATV disturbance in areas between Pond Hill Rd and Docker Dr. remain controlled with heavy mulch. 9/8/08</b>	<b>Mulch has reduced the impacts from ATV's. See erosion control section for more details. 9/8/08</b>	<b>NA at this time.</b>
<b>Tuttle Ave.</b>	<b>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</b>	<b>BSC was informed the pads and stockpile materials will remain per the landowner's request. Permanent wetland crossing impacts were permitted and will</b>	<b>Materials were left by the landowner's request.</b>



Areas of Inspection	Observation	Recommended Action	Corrected Action
Tamarack Swamp Rd.	<p>towards the wetlands south of Durham Rd, but the area could still use additional stabilization. A ditch/waterbar was installed (8/12) to redirect stormwater into stable vegetated areas above the wetland. 9/8/08</p> <p>At structure #24252 immediately adjacent to the wetland, filter socks remain slightly upgradient, away from the wetland. 9/8/08</p>	<p>Monitor areas for final vegetative cover. 9/8/08</p>	<p>NA at this time.</p>
Powers Rd. Woodhouse Ave. Harrison Rd.	<p>Reclamation activities (including stone removal) are complete at Powers and Harrison Rds. Vegetative cover continues to increase along the channel at Powers Rd. 9/8/08</p>	<p>Continue to stabilize the area and maintain controls or reseed during more favorable conditions if necessary.9/8/08</p>	<p>Sparsely vegetated areas off Powers Rd continue to fill in.</p>
Pond Hill Rd. & Docker Dr. (I 91 – Rte. 5)	<p>The layer of heavy bark mulch applied along the slopes off Docker to stop the erosion/gullyng issues is holding up well to ATV traffic. Silt fence and silt sock remain at the base of slope. Adjacent areas are re-vegetating. 9/8/08</p>	<p>Areas adjacent to the controls are well vegetated but the bark mulch remains on the slopes upgradient. 9/8/08</p>	<p>NA at this time</p>
Old Fams 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. 9/8/08</p> <p>Pads and access roads; from Cook Hill Jct. to 2B needs final restoration BSC was informed Cook Hill will be one of the last areas reclaimed following</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. 9/8/08</p> <p>Monitor for final stabilization and restore the remaining pads when feasible. 9/8/08</p>	<p>Continue to evaluate and stabilize.</p> <p>Area needs additional attention when active, in periods of heavy rain.</p> <p>Evaluate if additional restoration can occur.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	2B. 9/8/08		
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p> <p><b>Carpenter Ln. to Rte 68</b></p> <p><b>Powers Rd. &amp; Woodhouse Ave.</b></p> <p><b>Mansion Rd to Tuttle Ave.</b></p>	<p>Work has occurred in jurisdictional wetlands under an ACOE permit</p> <p>In accordance with the D&amp;M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland soils. Most areas are restored at this point. 9/8/08</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. 9/8/08</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. 9/8/08</p> <p>Stone removal from the wetlands was complete. Previously exposed soils are filling in with vegetation. 9/8/08</p> <p>Several wetland crossings will remain permanently in place. Reclamation complete within the orchard and off Mansion Rd. 9/8/08</p>	<p>Approved work in wetlands will follow the permit guidelines. 9/8/08</p> <p>Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 9/8/08</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. 9/8/08</p> <p>The wetlands are stable with good cover consisting of native wetland species. 9/8/08</p> <p>Monitor until stabilized. 9/8/08</p> <p>Crossings will remain permanently. The adjacent areas of wetland are stable with vegetative cover. 9/8/08</p>	<p>NA</p> <p>Restoration almost complete.</p> <p>Work is complete in this area. Monitor for stabilization.</p> <p>Gate at site entrance has been repaired following vandalism.</p> <p>Wetlands are stable.</p> <p>Vegetation is filling in over exposed soils.</p> <p>NA at this time.</p>
<p><b>State species of concern, threatened and endangered species.</b></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</p>	<p>Sweeps are needed in this area during access for restoration activities.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		accessing the site. 9/8/08	
<p><b>Vegetative clearing or stabilization</b> All work areas</p> <p><b>Restoration activities</b></p> <p><b>Woodhouse Ave and Harrison Rd.</b></p>	<p>Vegetation was preserved in areas where invasive species were not dominant. 9/8/08</p> <p>Final restorations almost complete except for Tuttle and a section of Old Farms. BSC was informed the landowner along Tuttle requested that pad and stockpile material remain. 9/8/08</p> <p>A few spots need additional measures or controls until vegetation establishes, (e.g slopes to wetlands on Durham, at Structure #24281 and the Stony Brook Rd. entrance. 9/8/08</p> <p>As requested by state representatives and Siting Council staff, native shrubs were planted (9/18/07) in clusters to provide shading for Allen Brook. 9/8/08</p>	<p>All work areas have been cleared. 9/8/08</p> <p>BSC was informed Old Farms/Cook Hill will be one of the last areas stabilized following 2B. Evaluate whether any additional reclamation can occur. 9/8/08</p> <p>Continue to monitor the few sparse areas and reseed as needed. Also continue to evaluate whether the overall area is at 70% cover. 9/8/08</p> <p>Continue to monitor and replace shrubs if needed. B&amp;M intends to inspect the survival status of the shrubs in the near future. 9/8/08</p>	<p>NA</p> <p>NA at this time.</p> <p>A few specific areas need some attention Continue to evaluate.</p> <p>NA at this time.</p>
Dewatering	All foundations and dewatering is complete at this time. 9/8/08	Remove and stabilize old dewatering pits as necessary. 9/8/08	NA at this time. Work has shifted to restoration.
Blasting	No blasting is proposed. 9/8/08	None	NA
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 9/8/08	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. 9/8/08	Needs regular attention.
Additional Observations	At Tuttle Ave, pads and access roads are going to remain in place as BSC was informed this was	The NU project team will contact the landowner to determine if they know about the activity. 9/2/08	The landowner will be contacted.





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



**Durham Rd:** Restoration work is complete within the wetlands. Small area of upland along the access road is still sparse however, wetlands are stable.



**Stony Brook Rd:** Small sparse area of vegetation located at the site entrance. It will be evaluated if there is 70% cover overall.



**Cook Hill Jct:** Fiber roll in place upgradient of a wetland crossing. Stabilization of upland area is still needed.