

**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 2, 2008

**Inspector:** Matthew Creighton

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

**Rainfall:** 0.53” of precipitation was recorded in the week prior to inspection with the total reported on 8/30 (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 remains sparsely vegetated and may need additional seed. 9/2/08</b>	<b>Continue to monitor the wetlands and maintain hydrology. See the erosion control section for more details. 9/2/08</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. 9/2/08</b>	<b>Haybales were added to the base of slope proactively in one location. The area should be stabilized further. 9/2/08</b>	<b>Ruts needs attention.</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. 9/2/08</b>	<b>Continue to monitor the access road upgradient from wetlands until stable. 9/2/08</b>	<b>NA at this time.</b>
<b>Williams to Tamarack Swamp</b>	<b>Good vegetative cover was observed and most areas are stable. 9/2/08</b>	<b>Areas are largely vegetated. 9/2/08</b>	<b>NA</b>
<b>Harrison Rd.</b>	<b>This area is stable and the riprap drainage has been working well. 9/2/08</b>	<b>None 9/2/08</b>	<b>NA</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. 9/2/08</b>	<b>Mulch has reduced the impacts from ATV's. See erosion control section for more details. 9/2/08</b>	<b>NA at this time.</b>



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<p><b>Durham Rd. to Stony Brook</b></p>	<p><b>also noted along the access road slope. Haybales were installed at the base of slope. 9/2/08</b></p> <p><b>Wetland crossings remain restored. The banks of the river were fully vegetated and stable. Some ATV tracking was noted despite the gate. 9/2/08</b></p> <p><b>Vegetation is increasing along the exposed slope of the access road 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. 9/2/08</b></p>	<p><b>See Access Road and Inland wetland sections for more information on this area. 9/2/08</b></p> <p><b>Monitor the new controls and stabilize the access road as needed. 9/2/08</b></p>	<p><b>NA at this time.</b></p> <p><b>Ditch/waterbar remains in place.</b></p>
<p><b>Tamarack Swamp Rd.</b></p>	<p><b>At structure #24252 immediately adjacent to the wetland, silt fence was removed and filter socks were pulled slightly upgradient, away from the wetland. 9/2/08</b></p>	<p><b>Monitor areas for final vegetative cover. 9/2/08</b></p>	<p><b>Silt fence was removed and silt sock pulled away from wetlands as requested.</b></p>
<p><b>Powers Rd. Woodhouse Ave. Harrison Rd.</b></p>	<p><b>Reclamation activities (including stone removal) are complete at Powers and Harrison Rds. Vegetative cover continues to increase along the channel at Powers Rd. 9/2/08</b></p>	<p><b>Continue to stabilize the area and maintain controls or reseed during more favorable conditions if necessary. 9/2/08</b></p>	<p><b>Sparsely vegetated areas off Powers Rd continue to fill in.</b></p>
<p><b>Pond Hill Rd. &amp; Docker Dr. (I 91 – Rte. 5)</b></p>	<p><b>A layer of heavy bark mulch remains along the slopes off Docker to stop the erosion/gullyng issues. Silt fence and silt sock remain at the base of slope. Adjacent areas are re-vegetating. 9/2/08</b></p>	<p><b>Areas adjacent to the controls are well vegetated but the bark mulch remains on the slopes upgradient. 9/2/08</b></p>	<p><b>Heavy bark mulch is holding up to ATV traffic.</b></p>
<p><b>Old Farms Rd.</b></p>	<p><b>A drainage swale is in place (since 1/16) to</b></p>	<p><b>Continue to stabilize disturbed areas</b></p>	<p><b>Continue to evaluate and stabilize.</b></p>

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	<p>prevent turbid run-off from the saturated driveway crossing however, run-off was only noted during heavy rains when active. 9/2/08</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 2B. 9/2/08</p>	<p>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. 9/2/08</p> <p>Monitor for final stabilization and restore the remaining pads when feasible. 9/2/08</p>	<p>Area needs additional attention when active, in periods of heavy rain.</p> <p>Evaluate if additional restoration can occur.</p>
<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;</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. 9/2/08</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. 9/2/08</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. The large disturbed area upgradient from wetlands was also restored. 9/2/08</p> <p>Stone removal from the</p>	<p>Approved work in wetlands will follow the permit guidelines. 9/2/08</p> <p>Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence 9/2/08</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. 9/2/08</p> <p>The wetlands are stable with good cover consisting of native wetland species. Some exposed areas of soil immediately upgradient from wetlands may need more seed during favorable conditions. 9/2/08</p> <p>Monitor until stabilized.</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>Continue to monitor and stabilize.</p> <p>Vegetation is filling in over exposed soils</p>

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<p>Woodhouse Ave.</p> <p>Mansion Rd to Tuttle Ave.</p>	<p>wetlands was complete. Previously exposed soils are filling in with vegetation. 9/2/08</p> <p>Several wetland crossings will remain permanently in place. Reclamation complete within the orchard and off Mansion Rd 9/2/08</p>	<p>9/2/08</p> <p>Crossings will remain permanently. The adjacent areas of wetland are stable with vegetative cover. 9/2/08</p>	<p>over exposed soils.</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. 9/2/08</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>Woodhouse Ave and Harrison Rd.</p>	<p>Vegetation was preserved in areas where invasive species were not dominant. 9/2/08</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. 9/2/08</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. 9/2/08</p> <p>As requested by state representatives and Siting Council staff, native shrubs were planted (9/18) in clusters to provide shading for Allen Brook. 9/2/08</p>	<p>All work areas have been cleared. 9/2/08</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. 9/2/08</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. 9/2/08</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. 9/2/08</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>
<p>Dewatering</p>	<p>All foundations and dewatering is complete at</p>	<p>Remove and stabilize old dewatering pits as</p>	<p>NA at this time. Work has shifted to</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>this time. 9/2/08</b>	<b>necessary. 9/2/08</b>	<b>restoration.</b>
<b>Blasting</b>	<b>No blasting is proposed. 9/2/08</b>	<b>None</b>	<b>NA</b>
<b>Spills, soils and material storage</b>	<b>Spill control materials are being brought to sites when work is performed. 9/2/08</b>	<b>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. 9/2/08</b>	<b>Needs regular attention.</b>
<b>Additional Observations</b>	<b>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. 9/2/08</b>	<b>The project team will contact the landowner to determine if they know about the activity. 9/2/08</b>	<b>The landowner will be contacted.</b>

**Next likely scheduled inspection:**

**Monday September 8, 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: Wetland crossing (including permanent access road within the wetlands) is stable with over 70% cover of native species.**



**Durham Rd: Restoration work is complete within the wetlands and the area is stable. However, a small area of upland still has sparse cover. It will be evaluated if there is 70% cover overall.**



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



**Tamarack Swamp (west): Haybales have been removed and fiber roll were pulled slightly upgradient, away from the wetland. One fiber roll will remain until stable.**



**Powers Rd: Wetlands are stable. Small area of uplands may need additional seed.**



**Tuttle Ln: Wetland crossing adjacent to the permanent access road is stable and vegetated.**



**Tuttle Ln: Several small stockpiles exist at pad sites along the ROW. BSC was informed that the landowner requested these materials remain in place.**



**Cook Hill Jct: Final restoration still needed from Cook Hill Jct to 2A. BSC was informed this would be one of the last sections restored.**