

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: October 6, 2008

Inspector: Matthew Creighton

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

Rainfall: 0.86” of precipitation was recorded in the week prior to inspection with 0.56” falling on 10/1 (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. 10/6/08	Continue to monitor the area. See the erosion control section for more details. 10/6/08	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. 10/6/08	Haybales remain at the base of slope in one location. It does not appear feasible for contractors to further reduce ATV traffic as adjacent private landowners are accessing the area. 10/6/08	Contractor has tried to reduce ATV traffic but cannot prevent private landowners from accessing the area.
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. 10/6/08	Continue to monitor the access road above wetlands until stable. 10/6/08	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. 10/6/08	Mulch has reduced the impacts from ATV's. See erosion control section for more details. 10/6/08	NA at this time.
Tuttle Ave.	A culvert remains in place to help prevent ponding on the access road. ATV use, dumping and other activity was noted. 9/2-10/6/08	Permanent wetland crossing impacts were permitted and will remain with culverts. See additional observation section. 10/6/08	NA at this time

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<p>Old Farms Road</p>	<p>Sections of the access road adjacent to driveways and pads were removed, mulched, and seeded. 10/6/08</p> <p>Equipment has damaged the access driveway for overhead work. (Since 1/8) Stone was placed on the access driveway to reduce additional impacts. 10/6/08</p> <p>Following restoration, a new layer of stone dust was placed on the driveway that was originally paved. 10/6/08</p>	<p>Monitor this area until stable. Maintain catch basin controls until upgradient areas are stable. 10/6/08</p> <p>The stone placed on the access driveway should be removed. Evaluate and repair the driveway as needed where damaged. 1/22-10/6/08</p> <p>As indicated since the stone was originally placed, the driveway should be restored to its pre-construction, paved condition. (Unless the homeowner is satisfied with the current status.)</p>	<p>Access road and pad restoration complete. Hay and seed applied.</p> <p>Needs evaluation and attention. Repairs are needed to the access driveway.</p>
<p>Foundation and site construction</p>	<p>Restoration is complete off Old Farms Rd. 10/6/08</p>	<p>Continue to restore and monitor exposed areas. 10/6/08</p>	<p>Restoration Complete.</p>
<p>Erosion and sediment controls Carpenter Ln. to Rt. 68</p> <p>Durham Rd. to Stony Brook</p>	<p>The previously disturbed area upgradient has been reclaimed, mulched, and seeded. Area is sparsely vegetated. 10/6/08</p> <p>ATV's continue to track and disturb the ROW off High Hill Rd. Haybales remain at the base of slope off the access road. 10/6/08</p> <p>Wetland crossings remain restored. The banks of the river were fully vegetated and stable. Some ATV tracking was noted despite the gate. 10/6/08</p> <p>Vegetation is increasing along the exposed slope of the access road towards the wetlands</p>	<p>Monitor this area closely until stabilization is achieved. Add more seed as needed. 10/6/08</p> <p>Continue to maintain controls until the site is fully stabilized. ATVs cannot be controlled in the area as private landowners have access to the ROW. 10/6/08</p> <p>See Access Road and Inland wetland sections for more information on this area. 10/6/08</p> <p>Monitor the new controls and stabilize the access road as needed. 10/6/08</p>	<p>Additional seed may be needed.</p> <p>Contractor has tried to reduce ATV traffic but cannot prevent private landowners from accessing the area.</p> <p>NA at this time.</p> <p>Ditch/waterbar remains in place.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>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. 10/6/08</p>		
<p>Tamarack Swamp Rd.</p>	<p>Grass cover has established at structure #24252 immediately adjacent to the wetland. The filter socks will be left to deteriorate in place. 10/6/08</p>	<p>Area has final vegetative cover and inspections are no longer required. 10/6/08</p>	<p>Vegetation has established.</p>
<p>Powers Rd. Woodhouse Ave. Harrison Rd.</p>	<p>Vegetative cover continues to increase along the channel at Powers Rd 10/6/08</p>	<p>This area is stable and no longer needs inspection. The few sparse areas have been filling in. 10/6/08</p>	<p>Previously exposed areas have 70% cover and are stable.</p>
<p>Pond Hill Rd. & Docker Dr. (I 91 – Rte. 5)</p>	<p>Area is stable. ATV traffic has reduced. Silt fence and silt sock remain at the base of slope 10/6/08</p>	<p>Silt fence should be removed if the area is fully stable. 10/6/08</p>	<p>ATV traffic appears to have reduced. Area is stable. Remove silt fence.</p>
<p>Tuttle Ave.</p>	<p>Area is being left as is for homeowner's use. 10/6/08</p>	<p>NA</p>	<p>NA</p>
<p>Old Farms Rd.</p>	<p>The drainage swale in place since 1/16 to prevent turbid run-off from the saturated driveway crossing has been removed during restoration. 10/6/08</p> <p>Final restoration complete from Cook Hill Jct. to 2B. Areas are graded, seeded, and mulched 10/6/08</p>	<p>Continue to monitor the restored areas for final stabilization and ensure the area is contained by controls, including CB liners, as needed to filter run-off. 10/6/08</p> <p>Monitor all recently reclaimed soils until stable. 10/6/08</p>	<p>Area was reclaimed/restored. Continue to monitor.</p> <p>Final restoration complete. Continue to monitor.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Work has occurred in jurisdictional wetlands under an ACOE permit</p> <p>In accordance with the D&M Plan, all work</p>	<p>Approved work in wetlands will follow the permit guidelines. 10/6/08</p> <p>Any additional work needed in and around</p>	<p>NA</p> <p>Restoration largely complete.</p>

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<p>Carpenter Ln. to Rte 68</p> <p>Powers Rd. & Woodhouse Ave.</p> <p>Tuttle Ave.</p>	<p>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. 10/6/08</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. 10/6/08</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. 10/6/08</p> <p>Previously exposed soils have established vegetation and appear to have 70% cover. 10/6/08</p> <p>Several wetland crossings will remain permanently in place. 10/6/08</p>	<p>wetlands should be expedited to allow for final stabilization procedures to commence 10/6/08</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. 10/6/08</p> <p>The wetlands are stable with good cover consisting of native wetland species. 10/6/08</p> <p>None 10/6/08</p> <p>The adjacent areas of wetland are stable with vegetative cover 10/6/08</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>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. 10/6/08</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. 10/6/08</p> <p>Final restoration is complete off Old Farms. Areas were graded, mulched and seeded. 10/6/08</p>	<p>All work areas have been cleared. 10/6/08</p> <p>Continue to monitor for stabilization. 10/6/08</p>	<p>NA</p> <p>Final stabilization complete.</p>

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Woodhouse Ave and Harrison Rd.	<p>A few spots may need additional seed until vegetation establishes, (e.g slopes to wetlands on Durham, at Structure #24281 and the Stony Brook Rd. entrance. However, areas do appear to be slowly filling in and are almost 70%. 10/6/08</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. 10/6/08</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. Keep the upcoming end of the growing season in mind. 10/6/08</p> <p>Continue to monitor and replace shrubs if needed. B&M intends to monitor the survival status of the shrubs. 10/6/08</p>	<p>A few specific areas may need some attention Continue to evaluate.</p> <p>NA at this time.</p>
Dewatering	All foundations and dewatering is complete at this time. 10/6/08	Remove and stabilize old dewatering pits as necessary. 10/6/08	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. 10/6/08	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. 10/6/08	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- 10/6/08	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:

Tuesday October 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



Durham Rd: Small area of upland along the access road remains sparsely vegetated. The wetland and areas immediately adjacent 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. It appears to be slowly filling in with grass.



Old Farms Rd: Old drainage swale has been removed and seeded during final restoration activities. The previously grass "median" between the two access driveways was also restored. However, the access driveway (on right) was originally a paved driveway. Stone removal is needed and it should be repaved to match pre-construction conditions. (This area has been identified in the report since January)



Cook Hill Jct: Final restoration complete. Only the sections of the access road located adjacent to driveway crossings were restored.