

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: August 25, 2008

Inspector: Matthew Creighton

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

Rainfall: 0.01” of precipitation was recorded in the week prior to inspection all falling on 8/25 (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 remains somewhat sparsely vegetated and may need additional seed. 8/25/08 ATV tracks were previously noted through the wetland and controls. A new fence remains in place to deter ATVs from the area.8/25/08	Continue to monitor the wetlands and maintain hydrology. See the erosion control section for more details. 8/25/08 Monitor damage from ATVs. 8/25/08	NA (Not Applicable) Additional seed may be needed. NA at this time
Durham Rd. Liney Hall Ln.	ATV traffic has rutted and disturbed several sections of slope off High Hill Rd. before vegetation could establish. 8/25/08 A ditch/waterbar was installed (8/12) to divert run-off across the exposed access road, away from the wetlands downgradient. 8/25/08	Haybales were added to the base of slope proactively in one location. The area should be stabilized further. 8/25/08 Continue to monitor the access road upgradient from wetlands until stable. 8/25/08	Ruts need attention. A ditch/waterbar has been installed.
Williams to Tamarack Swamp	Good vegetative cover was observed and most areas are stable. 8/25/08	Areas are largely vegetated. 8/25/08	NA
Harrison Rd.	This area is stable and the riprap drainage has been working well. 8/25/08	None. 8/25/08	Riprap drainage area has proven to be stable.

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<p>Pond Hill Rd. Docker Dr.</p> <p>Tuttle Ave.</p> <p>Old Farms Road</p>	<p>ATV disturbance in areas between Pond Hill Rd and Docker Dr. remain controlled with heavy mulch. 8/25/08</p> <p>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 other activity was noted. 8/25/08</p> <p>Drainage swale/ waterbar was installed at the low, saturated area along driveway (1/15). Turbid water was not noted leaving the driveway via this swale. 8/25/08</p> <p>Equipment has damaged the access driveway for overhead work. (Since 1/8) Stone remains at the access driveway over the pavement to reduce tracking and run-off. 8/25/08</p> <p>The shoulder of the roadway on Old Farms is stable with over 70% vegetative cover. 8/25/08</p>	<p>Mulch has reduced the impacts from ATV's. See erosion control section for more details. 8/25/08</p> <p>BSC was informed the pads and road materials will remain per the landowner's request. Permanent wetland crossing impacts were permitted and will remain with culverts. See additional observation section. 8/25/08</p> <p>Additional controls are needed here for heavy rains, potentially haybale check dams along the swale when working. 8/25/08</p> <p>Remove stone upon completion of work and evaluate and repair the driveway as needed where damaged. 1/22-8/25/08</p> <p>None. 8/25/08</p>	<p>NA at this time.</p> <p>Materials were left by the landowner's request.</p> <p>Needs attention only when working in saturated conditions.</p> <p>Needs evaluation and attention upon project completion.</p> <p>Areas are stable.</p>
<p>Foundation and site construction</p>	<p>All work except minor restoration is complete. 8/25/08</p>	<p>Continue to restore and monitor exposed areas. 8/25/08</p>	<p>NA</p>
<p>Erosion and sediment controls Carpenter Ln. to Rt. 68</p>	<p>The permanent access road remains in the wetlands with three culverts installed to restore the original sheet flow conditions. A line of silt sock was maintained during restoration and has been split in areas to</p>	<p>Ensure these controls are maintained until final stabilization is achieved.</p> <p>Areas have re-vegetated well with native wetland species 8/25/08</p>	<p>Wetlands are stable.</p>

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<p>Durham Rd. to Stony Brook</p>	<p>allow sheet flow. 8/25/08</p> <p>The previously disturbed area upgradient has been reclaimed and seeded. Vegetative cover is still fairly sparse. 8/25/08</p> <p>Hay/seed remains over disturbed areas off High Hill Rd. ATV's continue to track and disturb the ROW. A small gully was also noted along the access road slope. Haybales were installed at the base of slope. 8/25/08</p> <p>Wetland crossings remain restored. The banks of the river were fully vegetated and stable. Some ATV tracking was noted despite the gate. 8/25/08</p> <p>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. 8/25/08</p>	<p>Monitor this area closely until stabilization is achieved. Add more seed as needed.8/25/08</p> <p>Continue to maintain controls until the site is fully stabilized. Re-seed as necessary. 8/25/08</p> <p>See Access Road and Inland wetland sections for more information on this area. 8/25/08</p> <p>Monitor the new controls and stabilize the access road as needed. 8/25/08</p>	<p>NA at this time</p> <p>Haybales were installed at the base of slope to proactively filter run-off.</p> <p>NA at this time.</p> <p>Ditch/waterbar remains in place.</p>
<p>Tamarack Swamp Rd.</p>	<p>At structure #24252 immediately adjacent to the wetland, silt fence was removed and filter socks were pulled slightly upgradient, away from the wetland. 8/25/08</p>	<p>Monitor areas for final vegetative cover. 8/25/08</p>	<p>Silt fence was removed and silt sock pulled away from wetlands as requested.</p>
<p>Powers Rd. Woodhouse Ave. Harrison Rd.</p>	<p>Reclamation activities (including stone removal) are complete at Powers and Harrison Rds. Vegetative cover continues to increase along the channel at</p>	<p>Continue to stabilize the area and maintain controls or reseed during more favorable conditions if necessary. 8/25/08</p>	<p>Sparsely vegetated areas off Powers Rd continue to fill in.</p>

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<p>Pond Hill Rd. & Docker Dr. (191 – Rte. 5)</p> <p>Blue Hills Orchard & Mansion Rd</p> <p>Old Farms Rd.</p>	<p>along the channel at Powers Rd. 8/25/08</p> <p>A layer of heavy bark mulch remains along the slopes off Docker to stop the erosion/gulying issues. Silt fence and silt sock remain at the base of slope. Adjacent areas are re-vegetating. 8/25/08</p> <p>Restoration complete through the orchard and Mansion Rd. Areas are stable with 70% cover. 8/25/08</p> <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. 8/25/08</p> <p>Pads and access roads from Tuttle to Mansion; from Cook Hill Jct. to 2B needs final restoration BSC was informed Cook Hill will be one of the last areas reclaimed following 2B. 8/25/08</p>	<p>Areas adjacent to the controls are well vegetated but the bark mulch remains on the slopes upgradient. 8/25/08</p> <p>Stabilization has been achieved. 8/25/08</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. 8/25/08</p> <p>Monitor for final stabilization and restore the remaining pads when feasible. 8/25/08</p>	<p>Heavy bark mulch is holding up to ATV traffic.</p> <p>Areas are stable.</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>
<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 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. 8/25/08</p>	<p>Approved work in wetlands will follow the permit guidelines. 8/25/08</p> <p>Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 8/25/08</p>	<p>NA</p> <p>Restoration almost complete.</p>

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<p>Carpenter Ln. to Rte 68</p> <p>Powers Rd. & Woodhouse Ave.</p> <p>Mansion Rd to Tuttle Ave.</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. 8/25/08</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. 8/25/08</p> <p>Stone removal from the wetlands was complete. Previously exposed soils are filling in with vegetation. 8/25/08</p> <p>Several wetland crossings remain in place. Drainage ditches are working well. Reclamation complete within the orchard and off Mansion Rd 8/25/08</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. 8/25/08</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. 8/25/08</p> <p>Monitor until stabilized. 8/25/08</p> <p>Monitor and maintain controls. Crossings will need to be restored when access needs are complete. 8/25/08</p>	<p>Work is complete in this area. Monitor for stabilization.</p> <p>Gate at site entrance has been installed.</p> <p>Wetland are stable</p> <p>Continue to monitor upgradient.</p> <p>Vegetation is filling in over exposed soils.</p> <p>Restoration complete except for Tuttle.</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. 8/25/08</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. 8/25/08</p> <p>Final restorations almost complete except for Tuttle and a section of Old Farms. BSC was informed the landowner along Tuttle requested</p>	<p>All work areas have been cleared. 8/25/08</p> <p>BSC was informed Old Farms/Cook Hill will be one of the last areas stabilized following 2B. Evaluate whether any additional reclamation</p>	<p>NA</p> <p>A few specific areas need some attention</p>

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Woodhouse Ave and Harrison Rd.	<p>that pad and road material remain. 8/25/08</p> <p>The majority of the ROW is vegetated and stable. A few patchy areas of sparse vegetation were noted. 8/25/08</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. 8/25/08</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. 8/25/08</p>	<p>can occur. 8/25/08</p> <p>Continue to monitor the few sparse areas and reseed as needed. 8/25/08</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. 8/25/08</p> <p>Continue to monitor and replace shrubs if needed. B&M intends to inspect the survival status of the shrubs in the near future. 8/25/08</p>	<p>Majority of the ROW is stable.</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. 8/25/08	Remove and stabilize old dewatering pits as necessary. 8/25/08	NA at this time. Work has shifted to restoration.
Blasting	No blasting is proposed. 8/25/08	None	NA
Spills, soils and material storage	<p>Spill control materials are being brought to sites when work is performed. 8/25/08</p> <p>Small remaining stockpiles of soil/stone are associated with most pads along the ROW section off Tuttle Ave. 8/25/08</p>	<p>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. 8/25/08</p> <p>BSC was informed that the landowner requested that materials remain. Evaluate whether additional reclamation can occur. 8/25/08</p>	<p>Needs regular attention.</p> <p>NA at this time</p>
Additional Observations	At Tuttle Ave, pads and access roads are going to remain in place as BSC was informed this was	The project team will contact the landowner to determine if they know about the activity.	The landowner will be contacted.



Carpenter Ln: The disturbed area remains graded and seeded but vegetative growth is still fairly sparse in areas. Additional seed may be needed during more favorable conditions.



Durham Rd: Restoration work is complete within the wetlands. Small area of upland is still sparse however; wetlands are stable. 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.



Docker Dr: Somewhat sparse vegetative cover at the site entrance. Add seed if necessary.



Cook Hill Jct: One small material stockpile remains.



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