

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: June 16, 2008

Inspector: Matthew Creighton

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

Rainfall: 2.11” of precipitation was recorded in the week prior to inspection with 0.92” falling on 6/16 (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 has been graded, mulched, and seeded. The wetland pads have been removed/restored and new culverts were installed within the permanent access road. 6/16/08	Continue to monitor the wetlands and maintain hydrology. See the erosion control section for more details. 6/16/08	NA (Not Applicable)
Durham Rd. Liney Hall Ln.	The two equipment bridges and timber mats over the Muddy River tributary located off Liney Hall and Durham Rd. have been removed and restored. Exposed access road leading to wetlands needs controls due to exposed soil. 6/10-6/16/08	Continue to monitor and add controls as needed. Add controls (e.g drainage ditch, haybales, etc) to the base of the access road adjacent to the wetlands until the area is stable. 6/10-6/16/08	Exposed access road soil needs stabilization and controls.
Williams to Stony Brook	The small amount of stone remains in the wetlands off Liney Hall. 5/20-6/16/08	Continue to carefully remove the remaining stone, by hand, from the wetlands. 5/20-6/16/08	Minor attention still needed.
Tamarack Swamp Rd.	Final restoration was complete up to Stony Brook Rd. 6/16/08	Continue to restore areas and maintain controls as needed. 6/16/08	Final restoration complete.
	Access road within the pasture east of the roadway was being	Monitor controls at wetland crossings and stabilize exposed soils	Final restoration underway.

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<p>Williams; S. Turnpike + Merritt Parkway; Mansion Rd.; Pent Rd.</p>	<p>narrowed and edges were being graded. 6/16/08</p> <p>No sediment tracking was noted on any of these roadways. Stone construction entrance pads remain in place at entrances. 6/16/08</p>	<p>during restoration. See erosion control section for details 6/16/08</p> <p>Continue to monitor entrances and sweep as needed. 6/16/08</p>	<p>NA</p>
<p>Pond Hill Rd. Docker Dr.</p>	<p>ATVs disturbance in areas between Pond Hill Rd and Docker Dr. remain controlled with heavy mulch. 6/16/08</p>	<p>Mulch has helped reduce the impacts from ATV's. See erosion control section for more details. 6/16/08</p>	<p>NA at this time.</p>
<p>Mansion Rd to Tuttle Ave.</p>	<p>A culvert remains in place to help prevent ponding on the access road. Water bars remain in place across the access road to slow and filter stormwater. Final restoration was underway. 6/16/08</p>	<p>Monitor the area and add controls if needed. See erosion controls section. 6/16/08</p>	<p>Final restoration underway.</p>
<p>Old Farms Road</p>	<p>Plywood is being used on driveways crossing the ROW to reduce the impact from equipment. 12/18-6/16/08</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. 6/16/08</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. 6/16/08</p> <p>The previously</p>	<p>Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/18-6/16/08</p> <p>Additional controls are needed here for heavy rains, potentially haybale check dams along the swale when working. 6/16/08</p> <p>Remove stone upon completion of work and evaluate and repair the driveway as needed where damaged. 1/22-6/16/08</p> <p>Continue to re-grade and</p>	<p>NA at this time</p> <p>Needs attention when working in saturated conditions.</p> <p>Needs evaluation and attention upon project completion.</p> <p>Crews were restoring/ seeding roadway</p>

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	<p>ruttled areas along the shoulder of the roadway (as well as several pads and entrances) of Old Farms Rd were being graded, mulched, and seeded. Sediment tracking was noted along the roadway. 6/16/08</p>	<p>restore areas. Monitor the recently seeded areas for stabilization. Clean/sweep Old Farms Rd upon completion of daily activities. 6/16/08</p>	<p>seeding roadway shoulder and pads. Tracking on roadway needs attention.</p>
<p>Foundation and site construction</p>	<p>Crews were working on restoration off Tamarack Swamp, Powers, Harrison Rd, Blue Hills Orchard/ Mansion Rds, and Old Farms Ln. 6/16/08</p> <p>Crews were pulling the last section of line off Old Farms Rd. 6/16/08</p>	<p>Maintain controls during restoration. Monitor restored areas for stabilization. 6/16/08</p> <p>Monitor driveways for sediment tracking and run-off and reduce impacts at crossings. 6/16/08</p>	<p>Restoration underway. Final section of line being pulled.</p>
<p>Erosion and sediment controls Carpenter Ln. to Rt. 68</p> <p>Durham Rd. Liney Hall Ln.</p>	<p>Final grading and pad removal complete within the wetlands. Impacts were reduced to a spur road and are smaller than original permitted numbers. 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. 6/16/08.</p> <p>The previously disturbed area upgradient remains reclaimed, mulched, and seeded. 6/16/08</p> <p>Restoration activities are complete off High Hill Rd. and hay/seed remains on disturbed areas. 6/16/08</p> <p>Restoration complete from Rte 68 to Stony Brook. Timber mats and bridges have been</p>	<p>Ensure these controls are maintained until final stabilization is achieved. 6/16/08 Seed will be applied when standing water recedes. See Inland wetland section.</p> <p>Monitor this area closely until stabilization is achieved. Add controls as needed. 6/16/08</p> <p>Continue to maintain controls until the site is fully stabilized. Add water bars if needed. 6/16/08</p> <p>Carefully remove any remaining sediment from wetlands and stabilize exposed areas. See Access</p>	<p>NA at this time.</p> <p>NA</p> <p>NA</p> <p>NA</p>

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Williams Rd to East Center St.	<p>removed from the wetlands and areas were mulched and seeded. 6/16/08</p> <p>The access road sloping towards the wetlands south of Durham Rd remains exposed. Controls are needed. 6/10-6/16/08</p> <p>Restoration complete off Stony Brook Rd. Access roads and pads were removed and hay and seed were spread. 6/16/08</p>	<p>Road and Inland wetland sections for more information on this area. 6/16/08</p> <p>Add mulch to the reclaimed access road. Install controls at the base of slope adjacent to wetlands until the area is stable. 6/10-6/16/08</p> <p>Add controls as needed in this area. Monitor until stable. 6/16/08</p>	<p>Exposed access road needs attention.</p> <p>Restoration complete off Stony Brook Rd.</p>
Tamarack Swamp Rd.	<p>Access road (east) within the field was being narrowed and graded. 6/16/08</p>	<p>Continue to stabilize exposed areas. Monitor areas for final vegetative cover. 6/16/08</p>	<p>Restoration underway.</p>
Powers Rd. Woodhouse Ave. Harrison Rd.	<p>Controls remain downgradient of the access road and pads off Powers Rd. Reclamation activities are underway at Powers and Harrison Rds. Crews were removing stone that remained in temporarily stabilized wetlands. 6/16/08</p>	<p>Continue to stabilize the area and maintain controls. Retain as much of the existing vegetation as possible. 6/16/08</p>	<p>Final restoration underway.</p>
Pond Hill Rd. & Docker Dr. (I 91 - Rte. 5)	<p>A layer of heavy bark mulch has been applied along the slopes off Docker to stop the erosion/gulying issues. The mulch appears to hold up well to ATV traffic. 6/16/08</p>	<p>Continue to maintain controls and monitor the effectiveness against the ATV traffic. ATV traffic will be difficult to control as they are accessing from abutting land and have always disturbed this area. 6/16/08</p>	<p>Heavy bark mulch is holding up to ATV traffic.</p>
Blue Hills Orchard & Mansion Rd	<p>Restoration complete through the orchard and underway off Mansion. Hay and seed have been spread on exposed areas. 6/16/08</p>	<p>Monitor exposed area until stabilization is achieved. 6/16/08</p>	<p>Restoration complete.</p>
Old Farms Rd.	<p>Turbid run-off was noted several times (since 11/6)</p>	<p>Continue to stabilize disturbed areas</p>	<p>Continue to evaluate and stabilize.</p>

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	<p>from work near structure #24209, on the access roads, and roadway. A drainage swale is in place (since 1/16) to prevent turbid run-off from the saturated driveway crossing however, run-off was noted during heavy rains when active. 6/16/08</p> <p>Final restoration activities were underway at several pads along the roadway. Sediment tracking was noted on Old Farms Rd. from the restoration efforts. 6/16/08</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. 6/16/08</p> <p>Continue to restore and stabilize areas as needed. Roadway should be swept daily as needed. 6/16/08</p>	<p>Area needs additional attention when active, in periods of heavy rain.</p> <p>Restoration underway.</p> <p>Roadway tracking needs attention.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Carpenter Ln. to Rte 68</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. This includes attending to restoration of adjacent upland areas when work is complete. 6/16/08</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. 6/16/08</p> <p>The timber mat and stone staging areas placed within wetlands off Carpenter Ln has been removed (except for the first crossing). The permanent access spur</p>	<p>Approved work in wetlands will follow the permit guidelines. 6/16/08</p> <p>Final stabilization and reclamation efforts should continue in completed areas in and around wetlands. Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 6/16/08</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. 6/16/08</p> <p>Monitor the disturbed areas for stabilization. Add controls as needed until stable. Some exposed areas of soil immediately upgradient</p>	<p>NA</p> <p>Restoration underway in many areas.</p> <p>Needs to be monitored</p> <p>Continue to monitor and stabilize.</p>

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<p>Durham Rd. Liney Hall Ln.</p>	<p>permanent access spur road remains with three culverts installed. Wetland and hydrology has been restored. The large disturbed area upgradient from wetlands also remains restored. 6/16/08</p> <p>The timber mats and bridges off Durham Rd. and Liney Hall have been removed and the area is at final grade. Soils should be stabilized and additional controls are needed along the slope adjacent to the wetlands south of Durham Rd. 6/16/08</p> <p>Minor amounts of stone remain in the Liney Hall Ln wetland and will need to be removed by hand. 5/20-6/16/08</p>	<p>from wetlands should be mulched. Seed will be applied when standing water recedes. 6/16/08</p> <p>Stabilize soil and add new controls adjacent to wetland until vegetation establishes. See erosion controls section for more details. 6/16/08</p> <p>Remove remaining access road stone, by hand, from wetlands as needed. Monitor exposed soils and stabilize. 5/20-6/16/08</p>	<p>Access road needs some attention/controls.</p> <p>Minor stone removal still needed.</p>
<p>Tamarack Swamp Road</p>	<p>Final restoration complete at the southeastern and southwestern entrance and underway within the field (northeast). 6/16/08</p>	<p>Monitor exposed soils from timber mat/access road removal and adjacent controls. See erosion controls section. 6/16/08</p>	<p>Final restoration underway.</p>
<p>Powers Rd. & Woodhouse Ave.</p>	<p>Stone removal from the wetlands was underway. Well-established grass cover is being carefully removed as needed to reach the remaining stone within the wetland. 6/16/08</p>	<p>Restoration within the wetland is underway. Contractor should continue to remove stone and stabilize the area. 6/16/08</p>	<p>Final restoration is underway within the wetlands.</p>
<p>Mansion Rd to Tuttle Ave.</p>	<p>Several wetland crossings are in place. Clear water was noted at all crossings and drainage ditches are working well. Reclamation continues within the orchard and off Mansion. 6/16/08</p>	<p>Monitor and maintain controls. Crossings will need to be restored when access needs are complete. 6/16/08</p>	<p>Restoration continues.</p>

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<p>State species of concern, threatened and endangered species.</p> <p>Durham Rd. Liney Hall Rd</p> <p>Woodhouse Ave; Harrison Rd. Mansion Rd. to Tuttle Ave</p>	<p>The no entry sign was removed near the potential vernal pool off Stony Brook Rd. during restoration as work is complete. 6/16/08</p> <p>Good amphibian breeding habitat has been noted in wetlands in the section of ROW. Crossings have been removed and the areas have been restored. 6/16/08</p> <p>Evidence of Eastern Box turtles has been confirmed off Woodhouse Ave on 5/8/07 and in the section between Mansion Rd. and Tuttle Ave on 7/17/07. 6/16/08</p>	<p>Continue to monitor area and retain distance from active work. 6/16/08</p> <p>Replace timber mats if additional access is needed. Prevent turbidity and direct impacts to these areas to the extent feasible. 6/16/08</p> <p>Both areas should receive the same attention as known protected habitat area along the ROW. The dormant season has ended as of April 1st and sweeps for turtles are required prior to accessing the site. 6/16/08</p>	<p>NA</p> <p>NA at this time.</p> <p>Eastern Box turtles active season has begun and sweeps are needed-even for restoration activities access.</p>
<p>Vegetative clearing or stabilization</p> <p>All work areas Have been cleared</p> <p>Restoration continues moving south</p> <p>Woodhouse Ave and Harrison Rd.</p> <p>Pond Hill Rd. &</p>	<p>Vegetation was preserved in areas where invasive species were not dominant. 6/16/08</p> <p>Final restoration continues off Tamarack Swamp, Powers, Harrison, Blue Hills Orchard, and Mansion Rds, and Old Farms Ln. Areas were being graded, seeded and mulched. 6/16/08</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. 6/16/08</p> <p>Contractors have spread</p>	<p>Retain vegetation where feasible; confirm that cutting is limited only to areas defined in D&M plan. Be extremely mindful of the extent of clearing flags. 6/16/08</p> <p>The D&M states that areas should be temporarily stabilized if work will not return in 21 days. Final restoration continues moving south. 6/16/08</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. 6/16/08</p> <p>See erosion control</p>	<p>NA</p> <p>Final stabilization continues moving south.</p> <p>NA at this time.</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Docker Dr. (I 91 – Rte. 5)	heavy bark mulch over the exposed areas and rills/gullies for stabilization (since 4/29). 6/16/08	section. Continue to monitor controls. 6/16/08	
Old Farms Rd. (115kV Underground trench-work)	Access roads, pads, and areas along the shoulders of Old Farms Rd are being final graded and seeded. 6/16/08	Monitor the area until stabilized. See erosion controls section. 6/16/08	Final restoration underway.
Dewatering	It all foundations and dewatering is complete at this time. 6/16/08	Remove and stabilize old dewatering pits as necessary. 6/16/08	NA at this time. Work has shifted to restoration.
Blasting	No blasting is proposed. 6/16/08	None	NA
Spills, soils and material storage	Spill control materials are being brought to sites when work is performed. 6/16/08	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. 6/16/08	Needs regular attention.
Additional Observations	None 6/16/08	None	

Next likely scheduled inspection:

Tuesday June 24, 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: Soil stockpiles were removed and the disturbed area has been graded and seeded



Carpenter Ln: Restoration work is complete within the wetlands. Minor seeding will be done when water subsides. Impacts were reduced from original permitted numbers and narrowed to a spur road.



Durham Rd (south): Exposed soils from Durham Rd south need to be stabilized. Controls upgradient of the wetlands are needed.



Stony Brook: Final grading/restoration complete. Topsoil, hay and seed have been spread. The area needs additional hay/seed.



Tamarack Swamp Rd: Access road pads being narrowed and graded.



Powers Rd: Final restoration underway within the wetlands. Stone removal underway as needed. Crews are maintaining established vegetation when feasible.



Old Farms Rd: Crews were spreading hay and seed on exposed areas along the roadway shoulder.



Old Farms Rd: Sediment tracking from the restoration efforts. Clean/sweep roadway as needed.