

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 10, 2008

Inspector: Matthew Creighton

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

Rainfall: 1.06” of precipitation was recorded in the week prior to inspection with 0.57” falling on 6/6 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Timber mats are in place at some wetland crossings and staging areas. 6/10/08	See Erosion Control Section for more details 6/10/08	Not applicable (NA)
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. 6/10/08	Continue to monitor the wetlands and maintain hydrology. See the erosion control section for more details. 6/10/08	Restoration complete. Culverts installed in permanent access road crossing.
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. 6/10/08	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. 6/10/08	Exposed access road soil needs stabilization and controls.
	The small amounts of stone remains in the wetlands off Liney Hall. 5/20-6/10/08	Continue to carefully remove the remaining stone, by hand, from the wetlands. 5/20-6/10/08	Minor attention still needed.
Williams to Stony Brook	Final restoration was complete up to Stony Brook Rd. Crews were	Continue to restore areas and maintain controls as needed. 6/10/08	Final restoration continues.

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Tamarack Swamp Rd.	<p>mulching and seeding restored areas. 6/10/08</p> <p>Access road within the pasture east of the roadway includes wetland crossings via culverts. Timber mat access road and pad were removed to structure 24254. 6/10/08</p>	<p>Monitor controls at wetland crossings and stabilize exposed soils during restoration, following timber mat removal. See erosion control section for details 6/10/08</p>	<p>NA at this time.</p>
Williams; S. Turnpike + Merritt Parkway; Mansion Rd.; Durham Rd.; Stony Brook; Pent Rd.; Oliver Creek Rd.	<p>No sediment tracking was noted on any of these roadways and the adjacent areas appear stable. Stone construction entrance pads remain in place at entrances. 6/10/08</p>	<p>Continue to monitor entrances and sweep as needed. 6/10/08</p>	<p>NA</p>
Pond Hill Rd. Docker Dr.	<p>ATVs disturbance in areas between Pond Hill Rd and Docker Dr. remain controlled with heavy mulch. 6/10/08</p>	<p>Mulch has helped reduce the impacts from ATV's. See erosion control section for more details. 6/10/08</p>	<p>NA at this time.</p>
Mansion Rd to Tuttle Ave.	<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. 6/10/08</p>	<p>Monitor the area and add controls if needed. See erosion controls section. 6/10/08</p>	<p>NA</p>
Old Farms Road	<p>Plywood is being used on driveways crossing the ROW to reduce the impact from equipment. 12/18-6/10/08</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. 6/10/08</p> <p>Equipment has damaged the access driveway for</p>	<p>Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/18-6/10/08</p> <p>Additional controls are needed here for heavy rains, potentially haybale check dams along the swale when working. 6/10/08</p> <p>Remove stone upon completion of work and</p>	<p>NA at this time</p> <p>Needs attention when working in saturated conditions.</p> <p>Needs evaluation and attention upon project</p>

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	<p>overhead work. (Since 1/8) Stone remains at the access driveway over the pavement to reduce tracking and run-off. 6/10/08</p> <p>The previously hydroseeded area along the shoulder of the roadway is rutted and disturbed from vehicle access. 1/8-6/10/08</p>	<p>evaluate and repair the driveway as needed where damaged. 1/22-6/10/08</p> <p>Re-grade and restore the rutted areas when feasible. 1/8-6/10/08</p>	<p>completion.</p> <p>Needs attention when feasible.</p>
<p>Foundation and site construction</p>	<p>Crews were working on restoration off Stony Brook Rd, Powers Rd, Blue Hills Orchard/ Mansion Rd, and Old Farms Ln. 6/10/08</p>	<p>Maintain controls during restoration. Monitor restored areas for stabilization. 6/10/08</p>	<p>Restoration underway.</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. 6/10/08.</p> <p>The previously disturbed area upgradient has been reclaimed, mulched, and seeded. 6/10/08</p> <p>Restoration activities are complete off High Hill Rd. and hay/seed were spread on disturbed areas. Water bars were removed from the access road. 6/10/08</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. 6/10/08</p> <p>See Inland wetland section.</p> <p>Monitor this area closely until stabilization is achieved. Add controls as needed. 6/10/08</p> <p>Continue to maintain controls until the site is fully stabilized. Add water bars if needed. 6/10/08</p> <p>Carefully remove any remaining sediment from wetlands and stabilize exposed areas. See Access</p>	<p>Pad was reclaimed and culverts were installed.</p> <p>Final restoration complete.</p> <p>Final restoration complete.</p> <p>Restoration complete.</p>

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Williams Rd to East Center St.	<p>removed from the wetlands and areas were mulched and seeded. 6/10/08</p> <p>The access road sloping towards the wetlands south of Durham Rd remains exposed. Controls are needed. 6/10/08</p> <p>Restoration continues off Stony Brook Rd. Access roads and pads were removed and hay and seed were being spread. Reclamation was noted off Mansion Rd. 6/10/08</p>	<p>Road and Inland wetland sections for more information on this area. 6/10/08</p> <p>Add mulch to the reclaimed access road. Install controls at the base of slope adjacent to wetlands until the area is stable. 6/10/08</p> <p>Add controls as needed in this area. Monitor until stable. 6/10/08</p>	<p>Exposed access road needs attention.</p> <p>Restoration continues off Stony Brook Rd.</p>
Tamarack Swamp Rd.	<p>Reclaimed areas both east and west of the road remain seeded and mulched. 6/10/08</p>	<p>Continue to stabilize exposed areas. Monitor areas for final vegetative cover. 6/10/08</p>	<p>NA at this time.</p>
Powers Rd. Woodhouse Ave. Harrison Rd.	<p>Controls remain downgradient of the bypass access road off Powers Rd. Reclamation activities are underway at the pad. 6/10/08</p>	<p>Continue to stabilize the area and maintain controls. 6/10/08</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. 6/10/08</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. 6/10/08</p>	<p>Heavy bark mulch is holding up to ATV traffic.</p>
Old Farms Rd.	<p>Turbid run-off was noted several times (since 11/6) 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.</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. 6/10/08</p>	<p>Continue to evaluate and stabilize.</p> <p>Area needs additional attention when active, in periods of heavy rain.</p>

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<p>Tamarack Swamp Road</p> <p>Powers Rd. & Woodhouse Ave.</p> <p>Mansion Rd to Tuttle Ave.</p>	<p>and additional controls are needed along the slope adjacent to the wetlands south of Durham Rd. 6/10/08</p> <p>Minor amounts of stone remain in the Liney Hall Ln wetland and will need to be removed by hand. 5/20-6/10/08</p> <p>Final restoration complete at the southeastern and southwestern entrance. 6/10/08</p> <p>Soils exposed by timber mat removal were seeded, but not all stone was removed from the wetland prior to seeding. (noted 9/25) Well-established grass cover is in place. Contractor is reviewing the area and planning for stone removal. 6/10/08</p> <p>Several wetland crossings are in place. Clear water was noted at all crossings and drainage ditches are working well. Reclamation has started in this section. 6/10/08</p>	<p>Remove remaining access road stone, by hand, from wetlands as needed. Monitor exposed soils and stabilize. 5/20-6/10/08</p> <p>Monitor exposed soils from timber mat removal and adjacent controls. 6/10/08</p> <p>Remove the stone from the wetlands to the extent feasible (recommended since 9/25). Work appears completed in this area and restoration should soon begin. 6/10/08</p> <p>Monitor and maintain controls. Crossings will need to be restored when access needs are complete. 6/10/08</p>	<p>Minor stone removal still needed.</p> <p>NA at this time.</p> <p>Area needs attention during final restoration</p> <p><i>Areas of remaining stone piles in the wetland will be marked by BSC.</i></p> <p>NA at this time.</p>
<p>State species of concern, threatened and endangered species.</p> <p>Durham Rd. Liney Hall Rd</p>	<p>No entry sign was removed near the potential vernal pool off Stony Brook Rd. during restoration. 6/10/08</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. 6/10/08</p>	<p>Continue to monitor area and retain distance from active work. 6/10/08</p> <p>Replace timber mats if additional access is needed. Prevent turbidity and direct impacts to these areas to the extent feasible. 6/10/08</p>	<p>NA</p> <p>NA at this time.</p>

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<p>Woodhouse Ave; Harrison Rd. Mansion Rd. to Tuttle Ave</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. 6/10/08</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. 6/10/08</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. & Docker Dr. (I 91 – Rte. 5) Pent Rd. & Oliver Creek Rd.</p> <p>Old Farms Rd. (115kV Underground trench-work)</p>	<p>Vegetation was preserved in areas where invasive species were not dominant. 6/10/08</p> <p>Final restoration continues off Stony Brook Rd, Blue Hills Orchard, Mansion Rd, and Old Farms Ln. Areas were being graded, seeded and mulched. 6/10/08</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. 6/10/08</p> <p>Contractors have spread heavy bark mulch over the exposed areas and rills/gullies for stabilization (since 4/29). 6/10/08</p> <p>Previously hydroseeded areas along the shoulders of Old Farms Rd. also have ruts and disturbance. 12/26-6/10/08</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. 6/10/08</p> <p>The D&M states that areas should be temporarily stabilized if work will not return in 21 days. Final restoration has begun. 6/10/08</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. 6/10/08</p> <p>See erosion control section. Continue to monitor controls. 6/10/08</p> <p>Regrade the disturbed/rutted area and stabilize. 6/10/08</p>	<p>NA</p> <p>Final stabilization continues moving south.</p> <p>NA at this time.</p> <p>NA at this time.</p> <p>Needs minor grading.</p>
<p>Dewatering</p>	<p>It all foundations and dewatering is complete at this time. 6/10/08</p>	<p>Remove and stabilize old dewatering pits as necessary. 6/10/08</p>	<p>NA at this time. Work has shifted to restoration.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	No blasting is proposed. 6/10/08	None	NA
Spills, soils and material storage Stony Brook Rd.	Spill control materials are being brought to sites when work is performed. 6/10/08 A small spot/drip of hydraulic fluid noted last week at the site entrance was removed during restoration. Maintenance was underway during the inspection. 6/10/08	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. 6/10/08 Continue to check equipment on a regular basis for leaks/drips. 6/10/08	Needs regular attention. Affected stone was removed. Equipment maintenance underway.
Additional Observations	None 6/10/08	None	

Next likely scheduled inspection:

Monday June 16, 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.



Carpenter Ln: Final restoration complete. Monitor exposed soils upgradient from wetlands.



High Hill Rd: Final grading/restoration complete. Topsoil, hay and seed have been spread.



Durham Rd (south): Access road needs stabilization and controls need to be installed adjacent to the wetlands until stable.



Liney Hall: Timber mats and bridge were removed. Hay and seed were applied up to the gated access to the adjacent property.



Stony Brook Rd: Crews were spreading hay and seed on exposed areas.



Mansion Rd: Final restoration/reclamation underway.