

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 2b Inspection

Date: December 4, 2008

Inspector: Matt Kelly

Location: Segment 2b – Cheshire/Hamden Town Line to East Devon Substation

Rainfall: 1.54” of precipitation were recorded since the last inspection with 0.92” of the total occurring on 11/25 (NOAA data at New Haven, CT).

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|--|---|---|
| Access roads and adjacent roadways Milford, Orange, Woodbridge, and Bethany, CT All Sections Litchfield Turnpike Hamden, CT Old Ln, Willow St, Whitney Ave, Brooksvale Ave, Tom Swamp, Gaylord Mtn Rd Old Ln | Restoration efforts to access roads and adjacent roadways appear complete at this time. 12/4/08 The access road, including the timber mat crossings, is permanent and will remain. 12/4/08 Restoration efforts to access roads and adjacent roadways appear complete at this time. 12/4/08 A new curb has been installed at the Old Lane ROW access. The new curb will help prevent sedimentation to the catch basin. “Silt Sak” protection has been removed now that work has been completed here. 12/4/08 | Continue to monitor until all areas are stabilized with vegetation. 12/4/08 Continue to monitor. See erosion control and stabilization section. 12/4/08 Continue to monitor. See EC Section. 12/4/08 NA. 12/4/08 | Not Applicable (NA) NA (See erosion control and stabilization section) NA A new curb was constructed/installed here and the “Silt Sak” protection has been removed from the catch basin now that work has been completed here. |
| Foundation and site construction All sections | H- frame structure and lattice tower removal appear to be complete at this time. 12/4/08 | NA. 12/4/08 | NA |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|---|--|--|
| | 115-kV work and restoration efforts appear to be complete within the ROW at this time. 12/4/08 | Continue to monitor. See EC Section. 12/4/08 | NA |
| | 345-kV work and restoration efforts appear to be complete within the ROW at this time. 12/4/08 | Continue to monitor. See EC Section. 12/4/08 | NA |
| <p>Erosion and sediment controls</p> <p>Milford, CT Lexington Way</p> <p>Eisenhower Park</p> <p>Orange, CT Dogburn Rd</p> <p>Oak Ln CC</p> <p>Woodbridge, CT Pease Rd/JCC</p> | <p>Crews have made good efforts to temporarily stabilize most disturbed areas with hay mulch. Timber mats and erosion controls have been removed from stabilized areas. 12/4/08</p> <p>Stormwater from a culvert beneath Hwy 15 has scoured a channel along the perimeter of the ROW near structure #3826. No further scouring has been observed and the channel has been stabilized with stone and haybale controls. 12/4/08</p> <p>A spoil pile remains in the wetland buffer here. 12/4/08</p> <p>Final stabilization has been achieved. 12/4/08</p> <p>A stockpile remains in the ROW within a wetland buffer. It is unclear whether the stockpile is project related, and it appears to be contained at this time.</p> <p>Haybale controls are needed along the wetland and stream channel where</p> | <p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 12/4/08</p> <p>Continue to monitor and remove silt fence from this area. 12/4/08</p> <p>Remove pile from wetland buffer when feasible. 12/4/08</p> <p>NA. 12/4/08</p> <p>If it is determined that the stockpile is project related, add controls as necessary and remove from ROW when feasible. 12/4/08</p> <p>Add controls and continue to monitor. 12/4/08</p> | <p>NA</p> <p>Needs attention/evaluation</p> <p>Needs attention when feasible</p> <p>Final stabilization has been achieved</p> <p>Needs attention when feasible</p> <p>Vegetative growth has been noted and there has been no further</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---|--|---|--|
| <p>Bethany, CT Litchfield Tpk</p> | <p>the access road has recently been restored. Vegetative growth has been noted and no further sedimentation to the watercourse has been observed. 12/4/08</p> <p>Access road controls (waterbars and sediment basins) become overwhelmed during storm events allowing sediment to migrate toward the timber mat crossings. Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation here. 12/4/08</p> | <p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 12/4/08</p> | <p>sedimentation to the watercourse. <i>Needs further attention/evaluation</i></p> <p>Silt fence material has been inserted into the cracks of the timber mats to prevent sedimentation.</p> |
| <p>Downs Rd</p> | <p>A culvert near structure #24169 is no longer functional, which has resulted in the scouring of the access road. At this time no wetland impacts are apparent. 12/4/08</p> | <p>Restore culvert function and add controls as necessary. 11/21/08</p> | <p>Needs attention</p> |
| <p>Hamden, CT Gaylord Mtn. Rd.</p> | <p>Haybale controls have been added along the slope near structure #3993/ 24180. Soils appear stable at this time. 12/4/08.</p> | <p>Continue to monitor until final stabilization is achieved. 12/4/08.</p> | <p>Haybale controls have been added and soils appear stable at this time.</p> |
| <p>Brooksvale Ave</p> | <p>A permanent stone access road has been installed within wetland #100. Additional measures may be necessary to restore pre-existing stream flow and control sedimentation to the wetland. 12/4/08</p> | <p>Continue to monitor and add/maintain controls as necessary. 12/4/08</p> | <p><i>Additional attention is needed</i></p> |
| <p>Whitney Ave</p> | <p>Haybales have been placed at the base of the slope here in an effort to prevent sedimentation to</p> | <p>Continue to monitor and maintain controls as necessary. See stabilization section. 12/4/08</p> | <p>Vegetation growth continues</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|--|--|---|
| Old Lane Rd | <p>the wetland. Soils appear stable at this time and vegetation growth continues. 12/4/08</p> <p>Haybale check dams and sediment basins remain in place here. Haybales also remain at the base of the slope to prevent sedimentation to the wetland. 12/4/08</p> | NA 12/4/08 | NA |
| <p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p> <p>Milford, CT East Rutland Road (western access point), Eisenhower Park</p> | <p>The ACOE permit is in hand and approved wetland work appears complete at this time. 12/4/08</p> <p>Foundations for 115-kV structures that have been installed in wetlands (as approved) include: #'s 3836(2), 3837, 3838, 3839, 3843, 3868, 3869, 3870, 3874, 3881, 3899, 3905, 3908, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3923, 3941, 3947, 3992, 3993, & 4009. 12/4/08</p> <p>Foundations for 345-kV structures that have been installed in wetlands (as approved) include: #'s 24023 (2), 24024, 24025, 24026, 24030, 24042, 24057, 24061, 24067, 24068, 24072 (2), 24090, 24091, 24092R, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24119(2), 24146, 24166, & 24179. 12/4/08</p> <p>Permanent stone access roads remain at the wetland crossings in these areas (as permitted)</p> | <p>Follow general guidelines of the permit whenever work in wetlands occurs. 12/4/08</p> <p>Continue to monitor and add controls as necessary. 12/4/08</p> <p>Continue to monitor and add controls as necessary. 12/4/08</p> <p>NA 12/4/08</p> | <p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|--|---|--|--|
| <p>Orange, CT Pine Tree Dr, Lambert Rd, Rt 34, Clearview Ln (Woodbridge)</p> | <p>areas (as permitted). 12/4/08</p> <p>Permanent stone access roads remain at the wetland crossings in these areas (as permitted). 12/4/08</p> | <p>Continue to monitor. 12/4/08</p> | <p>NA</p> |
| <p>Woodbridge, CT Pease Rd/JCC/B'Nai</p> | <p>The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted re-location of the ROW. Vegetative growth has been observed in these sections. 12/4/08</p> | <p>Continue to monitor until <i>final stabilization is achieved</i>. 12/4/08</p> | <p>NA at this time</p> |
| <p>Cow Path Ln, Oak Ln CC Rimmon Rd, Brookwood Dr, Ansonia Rd, and Glen Dam</p> | <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 12/4/08</p> | <p>Continue to monitor. 12/4/08</p> | <p>NA</p> |
| <p>Bethany, CT Litchfield Tpk, Hatfield Rd</p> | <p>Stone access roads and timber mats are in place in the wetland areas in this section (as permitted). 12/4/08</p> | <p>Continue to monitor. 12/4/08</p> | <p>NA</p> |
| <p>Litchfield Turnpike</p> | <p>Sediment has accumulated on the permanent timber mat crossings at wetlands #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation. 12/4/08</p> | <p>Continue to monitor. See EC Section. 12/4/08</p> | <p>Silt fence material has been placed within the cracks of the timber mats to control sedimentation</p> |
| <p>Hamden, CT Gaylord Mtn Rd, Tom Swamp, Willow Street, and Brooksvale Ave,</p> | <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 12/4/08</p> | <p>Continue to monitor. 12/4/08</p> | <p>NA</p> |
| <p>Brooksvale Ave</p> | <p>Sediment from the access road has migrated into wetland #100. 12/4/08</p> | <p>Continue to monitor and add controls as needed. 12/4/08</p> | <p>Needs attention</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---|--|---|---|
| <p>State species of concern, threatened and endangered species.</p> <p>Milford to Hamden, CT Eisenhower Park, & Old Ln</p> | <p>According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 12/4/08</p> <p>An Eastern Box turtle was observed in the Eisenhower Park section of the ROW on 5/9/08 and the Old Ln section in 2007. 12/4/08</p> | <p>If active work is to continue in this area after April 1, 2009, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 12/4/08</p> <p>The area should receive the same attention as known, protected habitat area along the ROW. “Sweeps” should resume if work is to continue in this area after April 1, 2009. 12/4/08</p> | <p>Wood Turtles are dormant at this time.</p> <p>Wood Turtles are dormant at this time.</p> |
| <p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p>Milford, CT All sections</p> <p>Orange, CT All sections</p> <p>Woodbridge, CT Clearview Ln, Oak Lane CC, Brookwood Rd, Salem Rd, Ansonia Rd, Manville Rd,</p> | <p>Vegetative clearing appears complete at this time. Most cleared species were invasive and were removed. “Hedgerows”, including cedars and similar short tree species were retained along the ROW where feasible. Select shrubs, especially those adjacent to wetlands, also remain in most areas. 12/4/08</p> <p>Final vegetative stabilization has been achieved in these areas. 12/4/08</p> <p>Final vegetative stabilization has been achieved in these areas. 12/4/08</p> <p>Final vegetative stabilization has been achieved in these areas. 12/4/08</p> | <p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. Confirm that clearing/cutting is limited only to areas defined in D&M plan. Provide as much buffer as possible for homeowners. 12/4/08</p> <p>NA. 12/4/08</p> <p>NA. 12/4/08</p> <p>NA. 12/4/08</p> | <p>NA</p> <p>Final vegetative stabilization has been achieved</p> <p>Final vegetative stabilization has been achieved</p> <p>Final vegetative stabilization has been achieved</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---|--|---|--|
| <p>Rimmon Rd/B'Nai, Center Rd, Woodbine Rd, Cowpath Ln, Glen Dam and Clark Rd Pease Rd/JCC, Route 34, and Dogburn Rd</p> <p>Brookwood Rd</p> <p>Bethany, CT Litchfield Tpk, Hatfield Rd and Downs Rd</p> <p>Hamden, CT Old Ln</p> <p>Gaylord Mtn Rd, Tom Swamp Rd, Brooksvale Ave, Whitney Ave, Willow Street</p> | <p>12/4/08</p> <p>A 2-foot woodchip pile has been noted within the ROW here. 12/4/08</p> <p>115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth continues. 12/4/08</p> <p>Final vegetative stabilization has been achieved in this area. 12/4/08</p> <p>Vegetative growth has been observed in these restored locations. 12/4/08</p> | <p>Spread wood chips in the upland portions of the ROW or remove when feasible if the wood chips are project related. 12/4/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 12/4/08</p> <p>NA 12/4/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 12/4/08</p> | <p>Needs attention when feasible</p> <p>Reclamation/restoration efforts are complete</p> <p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> |
| <p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p> | <p>Dewatering appears complete at this time. 12/4/08</p> | <p>NA. 12/4/08</p> | <p>NA</p> |
| <p>Blasting</p> | <p>No blasting is proposed at this time. 12/4/08</p> | <p>None. 12/4/08</p> | <p>NA</p> |
| <p>Spills, soils and material storage.</p> | <p>Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 12/4/08</p> | <p>In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 12/4/08</p> | <p>NA</p> |
| <p>Additional Observations</p> | <p>Vehicle tracks were observed in Eisenhower</p> | <p>Noted for the record. 8/14/08-12/4/08</p> | <p>NA</p> |

| Areas of Inspection | Observation | Recommended Action | Corrected Action |
|---------------------|--|--|------------------|
| | Park near the mitigation area. 8/14-12/4/08 Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 12/4/08 Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 12/4/08 | Note for the record. 12/4/08 Note for the record. 12/4/08 | NA NA |

Next likely scheduled inspection: Friday December 12, 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 Kelly, BSC Group

Reviewer: Lee Curtis, BSC Group



Dogburn Rd (Orange): Final stabilization has been achieved near structure #3890/24077.



Salem Rd (Woodbridge): A view of the restoration efforts and plantings near structure #3910/24097.



Salem Rd: An additional view of restoration efforts and plantings near structure #3910/24097.



Gaylord Mtn Rd (Hamden): Haybale controls have been added along the slope near structure #3993/24180. Soils appear stable in this area at this time.



Gaylord Mtn Rd: Vegetation growth has been noted following restoration efforts near structure #3993/24180.



Old Ln (Hamden): A new curb has been installed at the Old Ln. ROW access. The curb will help control sediment migration to the catch basin. Catch basin protection has been removed.



Old Ln: A view of the controls and restoration efforts near structure #4015/24202.