

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: November 14, 2008

Inspector: Matt Kelly

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

Rainfall: 0.63” of precipitation were recorded since the last inspection with 0.30” of the total occurring on 11/8 (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	Restoration efforts to access roads and adjacent roadways appear complete at this time. 11/14/08	Continue to monitor until all areas are stabilized with vegetation. 11/14/08	Not Applicable (NA)
Litchfield Turnpike Hamden, CT	The access road, including the timber mat crossings, is permanent and will remain. 11/14/08	Continue to monitor. See erosion control and stabilization section. 11/14/08	NA (See erosion control and stabilization section)
Old Ln, Willow St, Whitney Ave, Brooksvale Ave, Tom Swamp, Gaylord Mtn Rd	Restoration efforts to access roads and adjacent roadways appear complete at this time. 11/14/08	Continue to monitor. See EC Section. 11/14/08	NA
Brooksvale Ave	Sediment migration from the access road toward wetland #100 continues. See EC and wetlands section. 11/14/08	Continue to monitor. See EC and wetlands section. 11/14/08	Attention is needed
Old Ln	“Silt Sak” protection remains in the catch basin. Inlet protection is no longer needed. 11/14/08	Continue to monitor. Catch basin protection can be removed when the area becomes stabilized. 11/14/08	“Silt Sak” protection remains in the catch basin
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at	NA. 11/14/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>this time. 11/14/08 115-kV work and restoration efforts appear to be complete within the ROW at this time. 11/14/08</p> <p>345-kV work and restoration efforts appear to be complete within the ROW at this time. 11/14/08</p>	<p>Continue to monitor. See EC Section. 11/14/08</p> <p>Continue to monitor. See EC Section. 11/14/08</p>	<p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford, CT Lexington Way</p> <p>Wheelers Farm Rd</p> <p>Eisenhower Park</p> <p>Eisenhower Park, Mitigation Area</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. 11/14/08</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 but exposed soils remain in this area. 8/14-11/14/08</p> <p>In the past stormwater runoff caused minor scouring near structure #3832 and undermined the silt fence. No further scouring has been observed and approximately 70% vegetative cover has been noted in this area. 11/14/08</p> <p>A spoil pile remains in the wetland buffer here. 11/14/08</p> <p>Vegetative growth continues. In general,</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/14/08</p> <p>Continue to monitor and stabilize exposed soils. Evaluate control options and restore the pre-existing water path. 11/14/08</p> <p>Replace silt fence controls with haybale controls. 11/14/08</p> <p>Remove pile from wetland buffer when feasible. 11/14/08</p> <p>Continue to monitor until final stabilization is achieved. 11/14/08</p>	<p>NA</p> <p>Needs attention/evaluation</p> <p>No further scouring has been observed and approximately 70% vegetative cover has been noted.</p> <p>Needs attention when feasible</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Orange, CT Dogburn Rd	plantings appear to be doing well at this time. Exposed soils have been mulched and vegetative growth continues near structure #24082. 11/14/08.	achieved. 11/14/08 Continue to monitor until final stabilization is achieved. 11/14/08	Exposed soils have been mulched
Oak Ln CC	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. 11/14/08	If it is determined that the stockpile is project related, add controls as necessary and remove from the ROW when feasible. 11/14/08	Needs attention when feasible
Woodbridge, CT Pease Rd/JCC	Haybale controls are needed along the wetland and stream channel where the access road has recently been restored. Vegetative growth has been noted and no further sedimentation to the watercourse has been observed. 11/14/08	Add controls and continue to monitor. 11/14/08	Vegetative growth has been noted and no further sedimentation to the watercourse. <i>Needs further attention/evaluation</i>
Bethany, CT Litchfield Tpk	Access road controls (waterbars and sediment basins) become overwhelmed during storm events. Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation. 11/14/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 11/14/08	Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation
Downs Rd	A culvert beneath the access road is blocked and signs of erosion were observed along the access road. At this time no wetland impacts are apparent. 11/14/08	Evaluate culvert size and continue to monitor. Add controls as necessary. 11/14/08	Needs attention when feasible
Hamden, CT Gaylord Mountain (South)	Scouring continues where construction equipment accessed the ROW to	Continue to monitor and add controls as needed until final stabilization is	<i>Additional attention is needed</i>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brooksvale Ave	<p>install erosion controls. Sediment is migrating to the swale located downgradient and along the perimeter of the ROW. Additional stabilization measures are needed near the end of the swale. 11/14/08</p> <p>A permanent stone access road has been installed within wetland #100. Additional measures may be necessary to prevent sedimentation to the wetland and to restore pre-existing stream flow. 11/14/08</p>	<p>achieved. 11/14/08</p> <p>Continue to monitor and add/maintain controls as necessary. 11/14/08</p>	<p><i>Additional attention is needed</i></p>
Whitney Ave	<p>Haybales have been placed at the base of the slope here in an effort to prevent sedimentation to the wetland. Soils appear stable at this time and vegetation growth continues. 11/14/08</p>	<p>Continue to monitor and maintain controls as necessary. See stabilization section. 11/14/08</p>	<p>Vegetation growth continues</p>
Old Lane Rd	<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. 11/14/08</p>	<p>Continue to monitor and maintain controls as necessary. 11/14/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 11/14/08	Follow general guidelines of the permit whenever work in wetlands occurs. 11/14/08	NA
All sections	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. 11/14/08	Continue to monitor and add controls as necessary. 11/14/08	NA at this time
	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. 11/14/08	Continue to monitor and add controls as necessary. 11/14/08	NA at this time
Milford, CT East Rutland Road (western access point), Eisenhower Park	Permanent stone access roads remain at the wetland crossings in these areas (as approved). 11/14/08	NA 11/14/08	NA
Orange, CT Pine Tree Dr, Lambert Rd, Rt 34, Clearview Ln (Woodbridge)	Permanent stone access roads remain at the wetland crossings in these areas (as approved). 11/14/08	Continue to monitor. 11/14/08	NA
Woodbridge, CT Pease Rd/JCC/B'Nai	The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted re-location of the ROW.	Continue to monitor until <i>final stabilization is achieved</i> . 11/14/08	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Cow Path Ln, Oak Ln CC Rimmon Rd, Brookwood Dr, Ansonia Rd, and Glen Dam</p> <p>Bethany, CT Litchfield Tpk, Hatfield Rd</p> <p>Litchfield Turnpike</p> <p>Hamden, CT Gaylord Mtn Rd, Tom Swamp, Willow Street, and Brooksvale Ave,</p> <p>Gaylord Mountain Rd (South)</p> <p>Brooksvale Ave</p>	<p>Vegetative growth has been observed in these sections. 11/14/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 11/7/08</p> <p>Stone access roads and timber mats are in place in the wetland areas in this section (as permitted). 11/14/08</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. 11/14/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 11/14/08</p> <p>The majority of sediment has been removed from the wetland area between structure #'s 3990-3991 and upland controls have been improved. 11/14/08</p> <p>Sediment from the access road appears to be migrating towards wetland #100. 11/14/08</p>	<p>Continue to monitor. 11/14/08</p> <p>Continue to monitor. 11/14/08</p> <p>Continue to monitor. See EC Section. 11/14/08</p> <p>Continue to monitor. 11/14/08</p> <p>Continue to monitor. 11/14/08</p> <p>Continue to monitor and add controls as needed. 11/14/08</p>	<p>NA</p> <p>NA</p> <p>Silt fence has been inserted into the cracks of the timber mats to help control sedimentation</p> <p>NA</p> <p>NA</p> <p>Needs attention</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park.</p>	<p>If active work is to continue in this area after April 1, 2009, field crews should receive the appropriate training in the</p>	<p>Wood Turtles are dormant at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford to Hamden, CT Eisenhower Park, & Old Ln</p>	<p>11/14/08</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. 11/14/08</p>	<p>recognition and removal of individual wood turtles from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 11/14/08</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 after April 1, 2009. 11/14/08</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 Naugatuck Ave, Caswell St, Plains Rd, Oronoque Rd, Wheelers Farm Rd, Fresh Meadow Ln, W. River St, North St, Eisenhower Park, and Woodruff Rd</p> <p>Lexington Way, and E. Rutland</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. 11/14/08</p> <p>Final vegetative stabilization has been achieved in these areas. 11/14/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 11/14/08</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. 11/14/08</p> <p>NA. 11/14/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/14/08</p>	<p>NA</p> <p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted but <i>additional attention is needed</i>.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Orange, CT Rolling Ridge Rd, Treat Ln , Pine Tree Dr, Lambert Rd, Sunset Dr, Orange Center Rd, Hall Dr, Edward Ct, Racebrook Rd, Russell Ave, Overland Dr, Saddle Ridge Rd, Dogwood Rd, Hunting Hill Rd, and Hunting Hill Place</p> <p>Rt 34, Dogburn Rd,</p>	<p>Final vegetative stabilization has been achieved in these areas. 11/14/08</p> <p>Vegetative growth has been observed in these restored locations. 11/14/08</p>	<p>NA. 11/14/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/14/08</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p>
<p>Woodbridge, CT Clearview Ln, Ansonia Rd, Manville Rd, Rimmon Rd/B'Nai, Center Rd, Woodbine Rd, Glen Dam and Clark Rd</p> <p>Brookwood Rd, Salem Rd, Pease Rd/JCC, Cowpath Ln, and Oak Lane CC</p> <p>Brookwood Rd</p>	<p>Final vegetative stabilization has been achieved in these areas. 11/14/08</p> <p>Vegetative growth has been noted in these restored locations. 11/14/08</p> <p>A 2-foot woodchip pile has been noted within the ROW here. 11/14/08</p>	<p>NA. 11/14/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/14/08</p> <p>Spread wood chips in the upland portions of the ROW or remove when feasible. 11/14/08</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> <p>Needs attention when feasible</p>
<p>Bethany, CT Litchfield Tpk, Hatfield Rd and Downs Rd</p>	<p>115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 11/14/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 11/14/08</p>	<p>Reclamation/restoration efforts are complete</p>
<p>Hamden, CT Old Ln</p> <p>Gaylord Mtn Rd, Tom Swamp Rd, Brooksvale Ave, Whitney Ave, Willow Street</p>	<p>Final vegetative stabilization has been achieved in these areas. 11/14/08</p> <p>Vegetative growth has been observed in these restored locations. 11/14/08</p>	<p>NA 11/14/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/14/08</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 11/14/08	NA. 11/14/08	NA
Blasting	No blasting is proposed at this time. 11/14/08	None. 11/14/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 11/14/08	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. 11/14/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-11/14/08	Noted for the record. 8/14/08-11/14/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 11/14/08	Note for the record. 11/14/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 11/14/08	Note for the record. 11/14/08	NA

Next likely scheduled inspection: Friday November 21, 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



Eisenhower Park (Milford): A view of the mitigation area.



Eisenhower Park: A view of the vegetative growth at the mitigation area.



Eisenhower Park: A view of the mitigation area.



Gaylord Mtn Rd (Hamden): Runoff continues to scour exposed soils above the ROW perimeter swale.



Gaylord Mtn Rd: Haybale controls continue to function near the end of the swale.



Gaylord Mtn Rd: An additional view of sediment being contained by the haybale controls.



Old Ln (Hamden): A view of the restoration efforts and controls that remain functional near structures #4012/24199.



Old Ln: The access road appears to be stable at this time.