

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 7, 2008

Inspector: Matt Kelly

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

Rainfall: 0.75” of precipitation were recorded since the last inspection with 0.65” of the total occurring on 11/6 (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. 11/7/08	Continue to monitor until all areas are stabilized with vegetation. 11/7/08	Not Applicable (NA)
Litchfield Turnpike Hamden, CT	The access road, including the timber mat crossings, is permanent and will remain. 11/7/08	Continue to monitor. See erosion control and stabilization section. 11/7/08	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. 11/7/08	Continue to monitor. See EC Section. 11/7/08	NA
Brooksvale Ave	Sediment migration from the access road to a nearby wetland was observed this week. 11/7/08	Additional controls are needed. Continue to monitor. 11/7/08	Attention is needed
Old Ln	“Silt Sak” protection remains in the catch basin. Inlet protection is no longer needed. 11/7/08	Continue to monitor. Catch basin protection can be removed when the area becomes stabilized. 11/7/08	“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. 11/7/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>this time. 11/7/08</p> <p>115-kV work and restoration efforts appear to be complete within the ROW at this time. 11/7/08</p> <p>345-kV work and restoration efforts appear to be complete within the ROW at this time. 11/7/08</p>	<p>Continue to monitor. See EC Section. 11/7/08</p> <p>Continue to monitor. See EC Section. 11/7/08</p>	<p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford, CT Lexington Way</p> <p>East Rutland</p> <p>Eisenhower Park</p> <p>Eisenhower Park Mitigation Area</p> <p>Orange, CT Dogburn Rd</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. 11/7/08</p> <p>Stormwater from a culvert beneath Hwy 15 is scouring a channel along the perimeter of the ROW near structure #3826. Exposed soils remain in this area. 8/14-11/7/08</p> <p>Stormwater run-off had scoured a channel along the access road near structure #3827. No further scouring has been noted and the area appears stable. 11/7/08</p> <p>A spoil pile remains in the wetland buffer here. 11/7/08</p> <p>Vegetative growth has been noted. In general, all plantings appear to be doing well at this time. 11/7/08</p> <p>Exposed soils have been mulched and vegetative</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/7/08</p> <p>Continue to monitor and stabilize exposed soils. Evaluate control options. 10/31/08</p> <p>Continue to monitor. Add additional controls if needed. 11/7/08</p> <p>Remove pile from wetland buffer when feasible. 11/7/08</p> <p>Continue to monitor until final stabilization is achieved. 11/7/08</p> <p>Continue to monitor until final stabilization is</p>	<p>NA</p> <p>Needs attention/evaluation</p> <p>No further scouring has been observed and vegetation growth continues</p> <p>Needs attention when feasible</p> <p>Vegetative growth continues</p> <p>Exposed soils have been mulched</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oak Ln CC</p> <p>Woodbridge, CT Pease Rd/JCC</p> <p>Bethany, CT Litchfield Tpk</p> <p>Downs Rd</p> <p>Hamden, CT Gaylord Mountain</p>	<p>mulched and vegetative growth continues near structure #24082. 11/7/08.</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. 11/7/08</p> <p>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. 11/7/08</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. 11/7/08</p> <p>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. 11/7/08</p> <p>Some scouring was noted where construction equipment accessed the ROW to install erosion</p>	<p>final stabilization is achieved. 11/7/08</p> <p>If it is determined that the stockpile is project related, add controls as necessary and remove from the ROW when feasible. 11/7/08</p> <p>Add controls and continue to monitor. 11/7/08</p> <p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 11/7/08</p> <p>Evaluate culvert size and continue to monitor. Add controls as necessary. 11/7/08</p> <p>Continue to monitor and add/maintain controls as needed until final stabilization is achieved.</p>	<p>mulched</p> <p>Needs attention when feasible</p> <p>Vegetative growth has been noted and no further sedimentation was observed. <i>Needs further attention/evaluation.</i></p> <p>Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation</p> <p>Needs attention when feasible</p> <p><i>Additional attention is needed</i></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Brooksvale Ave</p> <p>Whitney Ave</p> <p>Old Lane Rd</p>	<p>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. 11/7/08</p> <p>A permanent stone access road has been installed within wetland #100. Additional measures may be necessary to restore pre-existing stream flow. Sediment has been removed from the basin. 11/7/08</p> <p>Haybales have been placed at the base of the slope here in an effort to prevent sedimentation to the wetland. 11/7/08</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. 11/7/08</p>	<p>11/7/08</p> <p>Continue to monitor and add/maintain controls as necessary. 11/7/08</p> <p>Continue to monitor and maintain controls as necessary. See stabilization section. 11/7/08</p> <p>Continue to monitor and maintain controls as necessary. 11/7/08</p>	<p>Sediment has been removed from the basin. <i>Additional attention is needed</i></p> <p>NA</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p>	<p>The ACOE permit is in hand and approved wetland work continues. 11/7/08</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. 11/7/08</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 11/7/08</p> <p>Continue to monitor and add controls as necessary. 11/7/08</p>	<p>NA</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 11/7/08</p>	<p>Continue to monitor and add controls as necessary. 11/7/08</p>	<p>NA at this time</p>
<p>Milford, CT East Rutland Road (western access point), Eisenhower Park</p>	<p>Permanent stone access roads remain at the wetland crossings in these areas. 11/7/08</p>	<p>NA 11/7/08</p>	<p>NA</p>
<p>Orange, CT Pine Tree Dr, Lambert Rd, Rt 34, Clearview Ln (Woodbridge)</p>	<p>Permanent stone access roads remain at the wetland crossings in these areas (as approved). 11/7/08</p>	<p>Continue to monitor. 11/7/08</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. 11/7/08</p>	<p>Continue to monitor until <i>final stabilization is achieved</i>. 11/7/08</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.) 11/7/08</p>	<p>Continue to monitor. 11/7/08</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). 11/7/08</p>	<p>Continue to monitor. 11/7/08</p>	<p>NA</p>
<p>Litchfield Turnpike</p>	<p>Sediment has accumulated on the permanent timber mat crossings at wetlands #115 (between structures #3065 and #3066) and</p>	<p>Continue to monitor. See EC Section. 11/7/08</p>	<p>Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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>#3965 and #3966) and #114 (between structure #3966 and #3967). Silt fence has material has been inserted into the cracks of the timber mats to help control sedimentation 11/7/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 11/7/08</p> <p>The majority of sediment has been removed from the wetland area between structure #'s 3990-3991 and upland controls have been improved. 11/7/08</p> <p>Sediment from the access appears to be migrating towards wetland #100. 11/7/08</p>	<p>Continue to monitor. 11/7/08</p> <p>Continue to monitor. 11/7/08</p> <p>Continue to monitor and add controls as needed. 11/7/08</p>	<p>sedimentation</p> <p>NA</p> <p>NA</p> <p>Needs attention</p>
<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. 11/7/08</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. 11/7/08</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. 11/7/08</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. 11/7/08</p>	<p>Wood Turtles are dormant at this time</p> <p>Wood Turtles are dormant at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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, and Woodruff Rd</p> <p>Lexington Way, Eisenhower Park and E. Rutland</p> <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>Woodbridge, CT Clearview Ln, Ansonia Rd, Manville Rd, Rimmon Rd/B'Nai, Center Rd, Woodbine Rd, Glen Dam and Clark 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. 11/7/08</p> <p>Final vegetative stabilization has been achieved in these areas. 11/7/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 11/7/08</p> <p>Final vegetative stabilization has been achieved in these areas. 11/7/08</p> <p>Vegetative growth has been observed in these restored locations. 11/7/08</p> <p>Final vegetative stabilization has been achieved in these areas. 11/7/08</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. 11/7/08</p> <p>NA 11/7/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/7/08</p> <p>NA 11/7/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/7/08</p> <p>NA 11/7/08</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> <p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> <p>Final vegetative stabilization has been achieved</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Brookwood Rd, Salem Rd, Pease Rd/JCC, Cowpath Ln, and Oak Lane CC	Vegetative growth continues in these restored locations. 11/7/08	Continue to monitor until <i>final stabilization</i> is achieved. 11/7/08	Vegetative growth has been noted
Brookwood Rd	A 2-foot woodchip pile has been noted within the ROW here. 11/7/08	Spread wood chips in the upland portions of the ROW or remove when feasible. 11/7/08	Needs attention when feasible
Bethany, CT Litchfield Tpk, Hatfield Rd and Downs Rd	115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 11/7/08	Continue to monitor until <i>final stabilization</i> is achieved. 11/7/08	Reclamation/restoration efforts are complete
Hamden, CT Gaylord Mtn Rd, Tom Swamp Rd, Brooksvale Ave, Whitney Ave, Willow Street, Old Ln	Vegetative growth has been observed in these restored locations. 11/7/08	Continue to monitor until <i>final stabilization</i> is achieved. 11/7/08	Vegetative growth has been noted
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 11/7/08	NA. 11/7/08	NA
Blasting	No blasting is proposed at this time. 11/7/08	None. 11/7/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 11/7/08	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. 11/7/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-11/7/08	Noted for the record. 8/14/08-11/7/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 11/7/08	Note for the record. 11/7/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 11/7/08	Note for the record. 11/7/08	NA

Next likely scheduled inspection: Friday November 14, 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): Vegetative growth has been noted following the hydro-seed application at the mitigation area.



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



Eisenhower Park: A view of the mitigation area and plantings.



Eisenhower Park: Additional view of mitigation area and plantings.



Pease Rd/JCC (Woodbridge): Vegetative growth continues within the restored access road.



Pease Rd/JCC: No further scouring/sedimentation to the intermittent stream channel has been observed here. Haybale controls are recommended along the stream channel as a proactive measure.



Gaylord Mtn Rd (Hamden): Some scouring has been observed where construction equipment accessed the ROW to install erosion controls. Sediment is migrating to the swale located down gradient and along the perimeter of the ROW.



Gaylord Mtn Rd: Sediment from the scoured channels, shown in the previous photo, is accumulating at the haybale controls located at the end of the swale.