

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: October 23, 2008

Inspector: Matt Kelly

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

Rainfall: 0.03” of precipitation were recorded since the last inspection with 0.03” of the total occurring on 10/21 (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Milford, Orange, and Woodbridge, CT All Sections	Restoration efforts to access roads and adjacent roadways appear complete at this time. 10/23/08	Continue to monitor until all areas are stabilized with vegetation. 10/23/08	Not Applicable (NA)
Bethany, CT Hatfield Rd, and Downs Rd	Access road and crane pad reclamation was active this week. 10/23/08	Continue to monitor. See EC Section. 10/23/08	Reclamation/Restoration is active here
Litchfield Turnpike Hamden, CT Old Ln, Willow St, Whitney Ave, Brooksvale Ave, Tom Swamp, Gaylord Mtn Rd (north)	The access road, including the timber mat crossings, is permanent and will remain. 10/23/08	Continue to monitor until the area is stabilized with vegetation. <i>See erosion control and stabilization section.</i> 10/23/08	NA (<i>See erosion control and stabilization section</i>)
Gaylord Mtn Rd (south)	Restoration efforts to access roads and adjacent roadways appear complete at this time. 10/23/08	Continue to monitor. See EC Section. 10/23/08	NA
Old Ln	Access road and crane pad reclamation was active this week. 10/23/08	Continue to monitor. See EC Section. 10/23/08	Reclamation/Restoration is active here
	“Silt Sak” protection remains in the catch basin. Inlet protection is no longer needed. 10/23/08	Continue to monitor. Catch basin protection can be removed when the area becomes stabilized. 10/23/08	“Silt Sak” protection remains in the catch basin

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Foundation and site construction All sections</p>	<p>H- frame structure and lattice tower removal appears to be complete at this time. 10/23/08</p> <p>115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 10/23/08</p> <p>345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 10/23/08</p>	<p>NA. 10/23/08</p> <p>Continue to monitor. See EC Section. 10/23/08</p> <p>Continue to monitor. See EC Section. 10/23/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford, CT Lexington Way</p> <p>East Rutland</p> <p>Wheelers Farm 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. 10/23/08</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. 8/14-10/23/08</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. 10/23/08</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%</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 10/23/08</p> <p>Continue to monitor and stabilize exposed soils. Evaluate control options. 10/23/08</p> <p>Continue to monitor. Add additional controls if needed. 10/23/08</p> <p>Replace silt fence controls with haybale controls. 10/23/08</p>	<p>NA</p> <p>Needs attention/evaluation</p> <p>Needs further evaluation</p> <p>No further scouring has been observed and approximately 70% vegetative cover has been noted. <i>Needs attention when feasible</i></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park	<p>vegetative cover has been noted in this area. 10/23/08</p> <p>A spoil pile remains in the wetland buffer here. 10/23/08</p>	<p>Remove pile from wetland buffer when feasible. 10/23/08</p>	<p>Needs attention when feasible</p>
Eisenhower Park Mitigation Area	<p>Hydro-seed has been applied to exposed soils in the mitigation area. In general, all plantings appear to be doing well at this time. 10/23/08</p>	<p>Continue to monitor until final stabilization is achieved. 10/23/08</p>	<p>Hydro-seed has been applied to exposed soils</p>
Orange, CT Dogburn Rd	<p>Exposed soils have been mulched and vegetative growth has been observed near structure #24082. 10/23/08.</p>	<p>Continue to monitor until final stabilization is achieved. 10/23/08</p>	<p>Exposed soils have been mulched</p>
Oak Ln CC	<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. 10/23/08</p>	<p>If it is determined that the stockpile is project related, add controls as necessary and remove from the ROW when feasible. 10/23/08</p>	<p>Needs attention when feasible</p>
Woodbridge, CT Pease Rd/JCC	<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. 10/23/08</p>	<p>Add controls and continue to monitor. 10/23/08</p>	<p>Vegetative growth has been noted and no further sedimentation to the watercourse. <i>Needs further attention/evaluation</i></p>
Bethany, CT Litchfield Tpk	<p>Access road controls (waterbars and sediment basins) become overwhelmed during storm events and sediment from the access road continues to accumulate on some of the wetland crossings in this section. Sediment is</p>	<p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 10/23/08</p>	<p>Needs attention</p>

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Downs Rd	<p>migrating toward the watercourse. 10/23/08</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. 10/23/08</p>	<p>Evaluate culvert size and continue to monitor. Add controls as necessary. 10/23/08</p>	<p>Needs attention</p>
<p>Hamden, CT Gaylord Mountain (South)</p>	<p>A small swale was installed along the ROW perimeter and the access road in an attempt to help control/divert stormwater runoff. An erosive gully has been observed in the northern portion of the swale. Haybale controls have been installed within the swale. 10/23/08</p>	<p>Continue to monitor until final stabilization is achieved. The swale remains functional but additional controls are needed to help control stormwater and erosion. 10/23/08</p>	<p>Haybale controls have been installed within the swale and sediment has been removed from the wetland <i>Needs additional attention</i></p>
Brooksvale Ave	<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. 10/17/08</p>	<p>Continue to monitor and add/maintain controls as necessary. 10/17/08</p>	<p>Sediment has been removed from the basin. <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. 10/23/08</p>	<p>Continue to monitor and maintain controls as necessary. See Stabilization section. 10/23/08</p>	<p>NA</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. 10/23/08</p>	<p>Continue to monitor and maintain controls as necessary. 10/23/08</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. 10/23/08	Follow general guidelines of the permit whenever work in wetlands occurs. 10/23/08	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. 10/23/08	Continue to monitor and add controls as necessary. 10/23/08	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. 10/23/08	Continue to monitor and add controls as necessary. 10/23/08	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. 10/23/08	NA 10/23/08	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). 10/23/08	Continue to monitor. 10/23/08	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. Vegetative growth has	Continue to monitor until <i>final stabilization is achieved</i> . 10/23/08	NA at this time

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<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>been observed in these sections. 10/23/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 10/23/08</p> <p>Stone access roads and timber mats are in place in the wetland areas in this section (as permitted). 10/23/08</p> <p>Some sediment has accumulated on the permanent timber mat crossings and migrated to the wetlands at #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 10/23/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 10/23/08</p> <p>The majority of sediment has been removed from the wetland area between structure #'s 3990-3991. 10/23/08</p>	<p>Continue to monitor. 10/23/08</p> <p>Continue to monitor. 10/23/08</p> <p>Evaluate methods to eliminate sediment migration from the access road to the wetlands. The contractor has stated that Geotextile material will be tacked to the surface of the timber mat crossings to help prevent sediment migration to the wetlands from the access road See EC Section. 10/23/08</p> <p>Continue to monitor. 10/23/08</p> <p>Continue to monitor. Stabilize exposed upland soils to help prevent further sedimentation. 10/23/08</p>	<p>NA</p> <p>NA</p> <p>Needs evaluation/ attention during 345 kV restoration efforts</p> <p>NA</p> <p><i>Needs further attention</i></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. 10/23/08</p>	<p>If active work is to continue in this area after April 1st, 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</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford to Hamden, CT Eisenhower Park, & Old Ln</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. 10/23/08</p>	<p>construction activities. 10/23/08</p> <p>The area 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. 10/23/08</p>	<p>Sweeps are needed in this area during access for restoration activities.</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, Fresh Meadow Ln, W. River St, North St, Woodruff</p> <p>Lexington Way, E. Rutland, Wheelers Farm Rd, W. River St, Eisenhower Park</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</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. 10/23/08</p> <p>Final vegetative stabilization has been achieved in these areas. 10/23/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 10/23/08</p> <p>Final vegetative stabilization has been achieved in these areas. 10/23/08</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. 10/23/08</p> <p>NA 10/23/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08</p> <p>NA 10/23/08</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>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Place Rt 34, Dogburn Rd, Dogwood Rd, Hunting Hill Rd, and Hunting Hill Place	Vegetative growth has been observed in these restored locations. 10/23/08	Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08	Vegetative growth has been noted
Woodbridge, CT Clearview Ln, Ansonia Rd, Manville Rd, Rimmon Rd/B'Nai, Center Rd, Woodbine Rd, and Clark Rd	Final vegetative stabilization has been achieved in these areas. 10/23/08	NA 10/23/08	Final vegetative stabilization has been achieved
Brookwood Rd, Salem Rd, Pease Rd/JCC, Cowpath Ln, Oak Lane CC, and Glen Dam	Vegetative growth has been noted in these restored locations. 10/23/08	Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08	Vegetative growth has been noted
Brookwood Rd	A 2-foot woodchip pile has been noted within the ROW here. 10/23/08	Spread wood chips in the upland portions of the ROW or remove when feasible. 10/23/08	Needs attention when feasible
Bethany, CT Litchfield Tpk	115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 10/23/08	Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08	Reclamation/restoration efforts are complete
Hamden, CT Whitney Ave, Brooksvale Ave, Gaylord Mtn Rd (north)	The access road here is permanent, therefore timber mat wetland crossings will remain. 10/23/08	The contractor has stated that Geotextile material will be tacked to the surface of the timber mat crossings to help prevent sediment migration to the wetlands from the access road. 10/23/08	Needs attention/evaluation
Whitney Ave, Brooksvale Ave, Gaylord Mtn Rd (north)	Access road and crane pad areas have been graded and temporarily stabilized with hay mulch. Soils appear stable at this time. 10/23/08	Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08	Site is temporarily stabilized
Old Ln, Willow Street, Tom Swamp Rd	Vegetative growth has been observed in these restored locations. 10/23/08	Continue to monitor until <i>final stabilization</i> is achieved. 10/23/08	Vegetative growth has been noted

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 10/23/08	NA. 10/23/08	NA
Blasting	No blasting is proposed at this time. 10/23/08	None. 10/23/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 10/23/08	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. 10/23/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-10/23/08	Noted for the record. 8/14/08-10/23/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 10/23/08	Note for the record. 10/23/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 10/23/08	Note for the record. 10/23/08	NA

Next likely scheduled inspection:

Friday October 31, 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): Hydro-seed has been applied to the exposed soils around the mitigation area.



Eisenhower Park: An additional view of the mitigation area.



Eisenhower Park: Good vegetative cover exists around the perimeter of the mitigation area.



Eisenhower Park: A view of the northern end of the mitigation area.



Treat Ln (Orange): A view of the vegetative cover within the access road. Final stabilization efforts have been achieved here.



Rt 34 (Orange): Restoration efforts are complete in this area. Permanent access roads and structure foundations remain in the wetland near structure #24072.



Rt 34: An additional view of the permanent access road within the wetland near structure #24072.



Hatfield Rd (Bethany): A view of the restoration efforts near structures #3971/24158.