

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 31, 2008

Inspector: Matt Kelly

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

Rainfall: 1.69” of precipitation were recorded since the last inspection with 0.97” of the total occurring on 10/28 (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. 10/31/08	Continue to monitor until all areas are stabilized with vegetation. 10/31/08	Not Applicable (NA)
Litchfield Turnpike	The access road, including the timber mat crossings, is permanent and will remain. 10/31/08	Continue to monitor . See <i>erosion control and stabilization section</i> . 10/31/08	NA (<i>See erosion control and stabilization section</i>)
Hamden, CT Old Ln, Willow St, Whitney Ave, Brooksvale Ave, Tom Swamp, Gaylord Mtn Rd (north)	Restoration efforts to access roads and adjacent roadways appear complete at this time. 10/31/08	Continue to monitor. See EC Section. 10/31/08	NA
Gaylord Mtn Rd (south)	Access road and crane pad reclamation was active this week. 10/31/08	Continue to monitor. See EC Section. 10/31/08	Reclamation/Restoration is active here
Brooksvale Ave	Sediment migration from the access road to a nearby wetland was observed this week. 10/31/08	Additional controls are needed. Continue to monitor. See wetlands section. 10/31/08	Needs attention
Old Ln	“Silt Sak” protection remains in the catch basin. Inlet protection is no longer needed. 10/31/08	Continue to monitor. Catch basin protection can be removed when the area becomes stabilized. 10/31/08	“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. 10/31/08</p> <p>115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 10/31/08</p> <p>345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 10/31/08</p>	<p>NA. 10/31/08</p> <p>Continue to monitor. See EC Section. 10/31/08</p> <p>Continue to monitor. See EC Section. 10/31/08</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>Whealers 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. 10/31/08</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. 8/14-10/31/08</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. 10/31/08</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. 10/31/08</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. 10/31/08</p> <p>Replace silt fence controls with haybale controls. 10/31/08</p>	<p>NA</p> <p>Needs attention/evaluation</p> <p>No further scouring has been observed and vegetation growth continues</p> <p>No further scouring has been observed and approximately 70% vegetative cover has been noted.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park	vegetative cover has been noted in this area. 10/31/08		
Eisenhower Park	A spoil pile remains in the wetland buffer here. 10/31/08	Remove pile from wetland buffer when feasible. 10/31/08	Needs attention when feasible
Eisenhower Park Mitigation Area	Vegetative growth has been noted. In general, all plantings appear to be doing well at this time. 10/31/08	Continue to monitor until final stabilization is achieved. 10/31/08	Hydro-seed has been applied to exposed soils and vegetative growth has been noted
Orange, CT Dogburn Rd	Exposed soils have been mulched and vegetative growth continues near structure #24082. 10/31/08.	Continue to monitor until final stabilization is achieved. 10/31/08	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. 10/31/08	If it is determined that the stockpile is project related, add controls as necessary and remove from the ROW when feasible. 10/31/08	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. 10/31/08	Add controls and continue to monitor. 10/31/08	Vegetative growth has been noted and no further sedimentation was observed. <i>Needs further attention/evaluation</i>
Bethany, CT Litchfield Tpk	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	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 10/31/08	Silt fence material has been inserted into the cracks of the timber mats to help control sedimentation

Areas of Inspection	Observation	Recommended Action	Corrected Action
Downs Rd	control sedimentation here. 10/31/08 A culvert beneath the access road is blocked and signs of erosion were observed along the road. At this time no wetland impacts are apparent. 10/31/08	Evaluate culvert size and continue to monitor. Add controls as necessary. 10/31/08	Needs attention when feasible
Hamden, CT Gaylord Mountain (South)	Stone and haybale controls have been added to the small swale along the ROW perimeter to help control sedimentation. See wetland section. 10/31/08	Continue to monitor until final stabilization is achieved. 10/31/08	Stone and haybale controls have been installed within the swale. (See Wetland Section)
Brooksvale Ave	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. 10/31/08	Continue to monitor and add/maintain controls as necessary. 10/31/08	Sediment has been removed from the basin. <i>Additional attention is needed</i>
Whitney Ave	Haybales have been placed at the base of the slope here in an effort to prevent sedimentation to the wetland. 10/31/08	Continue to monitor and maintain controls as necessary. See Stabilization section. 10/31/08	NA
Old Lane Rd	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. 10/31/08	Continue to monitor and maintain controls as necessary. 10/31/08	NA

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. 10/31/08	Follow general guidelines of the permit whenever work in wetlands occurs. 10/31/08	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. 10/31/08	Continue to monitor and add controls as necessary. 10/31/08	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. 10/31/08	Continue to monitor and add controls as necessary. 10/31/08	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). 10/31/08	NA 10/31/08	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). 10/31/08	Continue to monitor. 10/31/08	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> . 10/31/08	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>Vegetative growth has been observed in these sections. 10/31/08</p> <p>Permanent access roads remain in the wetlands in these sections (as permitted.) 10/31/08</p>	<p>Continue to monitor. 10/31/08</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). 10/31/08</p>	<p>Continue to monitor. 10/31/08</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 10/31/08</p>	<p>Continue to monitor. See EC Section. 10/31/08</p>	<p>Silt fence has been inserted into the cracks of the timber mats to help 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.) 10/31/08</p>	<p>Continue to monitor. 10/31/08</p>	<p>NA</p>
<p>Brooksvale Ave</p>	<p>It appears sediment from the access road is migrating into the wetland during storm events. 10/31/08.</p>	<p>Continue to monitor and add controls as necessary. Evaluate sediment accumulation within the wetland. 10/31/08.</p>	<p>Needs attention.</p>
<p>Gaylord Mountain Rd (South)</p>	<p>The majority of sediment has been removed from the wetland area between structure #'s 3990-3991. 10/31/08</p>	<p>Continue to monitor. 10/31/08</p>	<p>The appropriate erosion controls have been installed in this area and further sedimentation to wetland is unlikely.</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>10/31/08</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. 10/31/08</p>	<p>recognition and removal of individual wood turtles from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 10/31/08</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. 10/31/08</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, Woodruff</p> <p>Lexington Way, E. Rutland, Eisenhower Park</p> <p>Orange, CT Rolling Ridge Rd, Treat Ln, Pine Tree Dr, Lambert Rd, Sunset Dr, Orange Center Rd, Hall Dr,</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. 10/31/08</p> <p>Final vegetative stabilization has been achieved in these areas. 10/31/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 10/31/08</p> <p>Final vegetative stabilization has been achieved in these areas. 10/31/08</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. 10/31/08</p> <p>NA 10/31/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 10/31/08</p> <p>NA 10/31/08</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
<p>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, and Clark Rd</p> <p>Brookwood Rd, Salem Rd, Pease Rd/JCC, Cowpath Ln, Oak Lane CC, and Glen Dam</p> <p>Brookwood Rd</p> <p>Bethany, CT Litchfield Tpk, Hatfield Rd and Downs Rd</p> <p>Hamden, CT Gaylord Mtn Rd, Tom Swamp Rd, Brooksvale Ave, Whitney Ave, Willow Street, Old Ln</p>	<p>Vegetative growth has been observed in these restored locations. 10/31/08</p> <p>Final vegetative stabilization has been achieved in these areas. 10/31/08</p> <p>Vegetative growth has been noted in these restored locations. 10/31/08</p> <p>A 2-foot woodchip pile remains within the ROW here. 10/31/08</p> <p>115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 10/31/08</p> <p>Vegetative growth has been observed in these restored locations. 10/31/08</p>	<p>Continue to monitor until <i>final stabilization</i> is achieved. 10/31/08</p> <p>NA 10/31/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 10/31/08</p> <p>Spread wood chips in the upland portions of the ROW or remove when feasible. 10/31/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 10/31/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 10/31/08</p>	<p>Vegetative growth has been noted</p> <p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> <p>Needs attention when feasible</p> <p>Reclamation/restoration efforts are complete</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. 10/31/08</p>	<p>NA. 10/31/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 10/31/08</p>	<p>None. 10/31/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 10/31/08	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. 10/31/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-10/31/08	Noted for the record. 8/14/08-10/31/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 10/31/08	Note for the record. 10/31/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 10/31/08	Note for the record. 10/31/08	NA

Next likely scheduled inspection: Friday November 7, 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



Russell Ave (Orange): A view of the restoration efforts near structure #3871/24058.



Russell Ave: An additional view of the restoration efforts within the access road.



Pease Rd/JCC (Woodbridge): Vegetative growth continues within the restored access road. Haybale controls have been recommended along the watercourse here.



Litchfield Turnpike: A view of controls and restoration efforts near structure #3960/24147.



Litchfield Turnpike: A view of the restored wetland area near structures #3960/24147.



Litchfield Turnpike: Silt fence has been placed in the cracks of the timber mat crossings as a temporary sediment control.



Hatfield Rd (Bethany): A view of the restoration efforts near structures #3979/24166.



Hatfield Rd: A view of the wetland restoration efforts near structures #3979/24166.



Gaylord Mtn Rd (Hamden): Stone has been added to portions of the swale located along the perimeter of the ROW.



Gaylord Mtn Rd: An additional view of stone and haybale controls.



Gaylord Mtn Rd: An additional view of the controls installed within the swale.



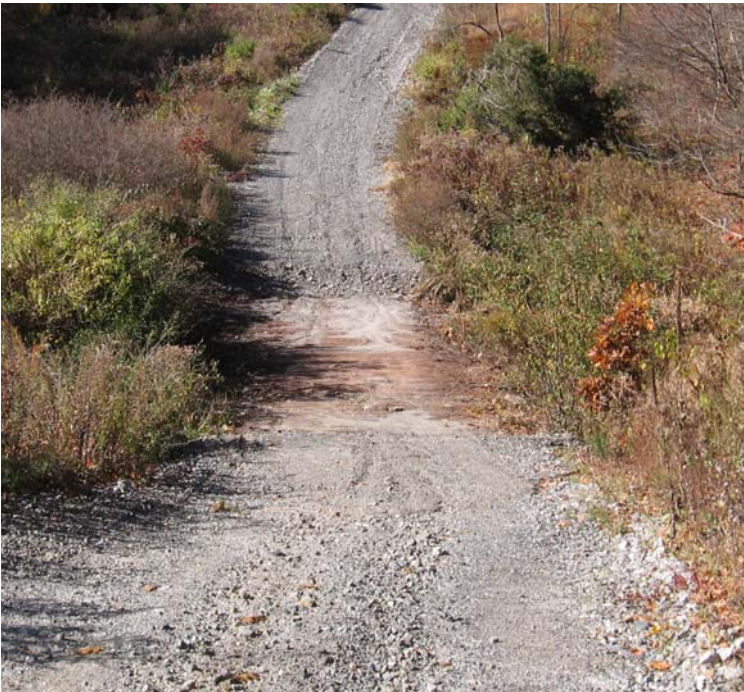
Gaylord Mtn Rd: Controls are containing sediments.



Gaylord Mtn Rd: This stone check dam is located at the end of the swale just prior to runoff leaving the ROW.



Gaylord Mtn Rd: The haybale controls at the end of the swale are helping to control sedimentation to a wetland off the ROW.



Brooksvale Ave: A view of the permanent wetland crossing at wetland #100.



Brooksvale Ave: It appears sediment from the access road is migrating into the wetland during storm events. Additional controls are needed here.