

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 21, 2008

Inspector: Matt Kelly

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

Rainfall: 0.99” of precipitation were recorded since the last inspection with 0.78” of the total occurring on 11/15 (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. 11/21/08 The access road, including the timber mat crossings, is permanent and will remain. 11/21/08 Restoration efforts to access roads and adjacent roadways appear complete at this time. 11/21/08 “Silt Sak” protection remains in the catch basin. Inlet protection is no longer needed. 11/21/08	Continue to monitor until all areas are stabilized with vegetation. 11/21/08 Continue to monitor. See <i>erosion control and stabilization section</i> . 11/21/08 Continue to monitor. See EC Section. 11/21/08 Continue to monitor. Catch basin protection can be removed when the area becomes stabilized. 11/21/08	Not Applicable (NA) NA (<i>See erosion control and stabilization section</i>) NA “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 this time. 11/21/08 115-kV work and restoration efforts appear to be complete within the ROW at this time.	NA. 11/21/08 Continue to monitor. See EC Section. 11/21/08	NA NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	11/21/08 345-kV work and restoration efforts appear to be complete within the ROW at this time. 11/21/08	Continue to monitor. See EC Section. 11/21/08	NA
Erosion and sediment controls	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. 11/21/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/21/08	NA
Milford, CT Lexington Way	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. 8/14-11/21/08	Continue to monitor and stabilize exposed soils. Evaluate control options and restore the preexisting water path. 11/21/08	Needs attention/evaluation
Wheeler's Farm Rd	In the past, stormwater runoff caused minor scouring near structure #3832 and undermined the silt fence. No further scouring has been observed and final stabilization has been achieved. 11/21/08	NA. 11/21/08	No further scouring has been observed and final stabilization has been achieved.
Eisenhower Park	A spoil pile remains in the wetland buffer here. 11/21/08	Remove pile from wetland buffer when feasible. 11/21/08	Needs attention when feasible
Orange, CT Dogburn Rd	Exposed soils have been mulched and vegetative growth continues near structure #24082. 11/21/08.	Continue to monitor until final stabilization is achieved. 11/21/08	Exposed soils have been mulched
Oak Ln CC	A stockpile remains in the ROW within a wetland buffer. It is unclear	If it is determined that the stockpile is project related, add controls as necessary	Needs attention when feasible

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<p>Woodbridge, CT Pease Rd/JCC</p>	<p>whether the stockpile is project related, and it appears to be contained at this time. 11/21/08</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. 11/21/08</p>	<p>and remove from the ROW when feasible. 11/21/08</p> <p>Add controls and continue to monitor. 11/21/08</p>	<p>Vegetative growth has been noted and there has been no further sedimentation to the watercourse. <i>Needs further attention/evaluation</i></p>
<p>Bethany, CT Litchfield Tpk</p>	<p>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. 11/21/08</p>	<p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 11/21/08</p>	<p>NA</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. 11/21/08</p>	<p>Restore culvert function and add controls as necessary. 11/21/08</p>	<p>Needs attention</p>
<p>Hamden, CT Gaylord Mountain (South)</p>	<p>Scouring continues and sediment is migrating toward the swale located downgradient and along the perimeter of the ROW. Additional stabilization measures are needed near the swale outlet. 11/21/08</p>	<p>Continue to monitor and add controls as needed until final stabilization is achieved. 11/21/08</p>	<p><i>Additional attention is needed</i></p>
<p>Brooksvale Ave</p>	<p>A permanent stone access road has been installed within wetland #100. Additional measures may be necessary to control sedimentation to the</p>	<p>Continue to monitor and add/maintain controls as necessary. 11/21/08</p>	<p><i>Additional attention is needed</i></p>

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Old Lane Rd	<p>wetland and to restore pre-existing stream flow. 11/21/08</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. 11/21/08</p>	Continue to monitor and maintain controls as necessary. 11/21/08	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 continues. 11/21/08</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. 11/21/08</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. 11/21/08</p> <p>Permanent stone access roads remain at the wetland crossings in these areas. 11/21/08</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 11/21/08</p> <p>Continue to monitor and add controls as necessary. 11/21/08</p> <p>Continue to monitor and add controls as necessary. 11/21/08</p> <p>NA 11/21/08</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA</p>

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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 permitted). 11/21/08	Continue to monitor. 11/21/08	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 been observed in these sections. 11/21/08	Continue to monitor until <i>final stabilization is achieved.</i> 11/21/08	NA at this time
Cow Path Ln, Oak Ln CC Rimmon Rd, Brookwood Dr, Ansonia Rd, and Glen Dam	Permanent access roads remain in the wetlands in these sections (as permitted.) 11/21/08	Continue to monitor. 11/21/08	NA
Bethany, CT Litchfield Tpk, Hatfield Rd	Stone access roads and timber mats are in place in the wetland areas in this section (as permitted). 11/21/08	Continue to monitor. 11/21/08	NA
Litchfield Turnpike	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 has been inserted into the cracks of the timber mats to help control sedimentation 11/21/08	Continue to monitor. See EC Section. 11/21/08	Silt fence has been inserted into the cracks of the timber mats to help control sedimentation
Hamden, CT Gaylord Mtn Rd, Tom Swamp, Willow Street, and Brooksvale Ave,	Permanent access roads remain in the wetlands in these sections (as permitted.) 11/21/08	Continue to monitor. 11/21/08	NA
Gaylord Mountain Rd (South)	The majority of sediment has been removed from the wetland area between structure #'s 3990-3991 and upland controls have been improved. 11/21/08	Continue to monitor. 11/21/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Whitney Ave</p> <p>Brooksvale Ave</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>Sediment from the access road has migrated into wetland #100. 11/21/08</p>	<p>Continue to monitor and maintain controls as necessary. See Stabilization Section. 11/7/08</p> <p>Continue to monitor and add controls as needed. 11/21/08</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. 11/21/08</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. 11/21/08</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. 11/21/08</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. 11/21/08</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>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. 11/21/08</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. 11/21/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Naugatuck Ave, Caswell St, Plains Rd, Oronoque Rd, Wheelers Farm Rd, Fresh Meadow Ln, W. River St, North St, Eisenhower Park (including mitigation area), and Woodruff Rd</p> <p>Lexington Way, and E. Rutland</p>	<p>Final vegetative stabilization has been achieved in these areas. 11/21/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists; however, additional stabilization is needed in these areas. 11/21/08</p>	<p>NA 11/21/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/21/08</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted but <i>additional attention is needed.</i></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>Final vegetative stabilization has been achieved in these areas. 11/21/08</p> <p>Vegetative growth has been observed in these restored locations. 11/21/08</p>	<p>NA 11/21/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/21/08</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>Final vegetative stabilization has been achieved in these areas. 11/21/08</p> <p>Vegetative growth has been noted in these restored locations. 11/21/08</p>	<p>NA 11/21/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 11/21/08</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p>
<p>Brookwood Rd</p>	<p>A 2-foot woodchip pile has been noted within the ROW here. 11/21/08</p>	<p>Spread wood chips in the upland portions of the ROW or remove when feasible. 11/21/08</p>	<p>Needs attention when feasible</p>
<p>Bethany, CT</p>	<p>115 kV & 345 kV</p>	<p>Continue to monitor until</p>	<p>Reclamation/restoration</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Litchfield Tpk, Hatfield Rd and Downs Rd	restoration efforts appear complete in this section at this time. Vegetative growth continues. 11/21/08	<i>final stabilization</i> is achieved. 11/21/08	efforts are complete
Hamden, CT Old Ln	Final vegetative stabilization has been achieved in these areas. 11/21/08	NA 11/21/08	Final vegetative stabilization has been achieved
Gaylord Mtn Rd, Tom Swamp Rd, Brooksvale Ave, Whitney Ave, Willow Street	Vegetative growth has been observed in these restored locations. 11/21/08	Continue to monitor until <i>final stabilization</i> is achieved. 11/21/08	Vegetative growth has been noted
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 11/21/08	NA. 11/21/08	NA
Blasting	No blasting is proposed at this time. 11/21/08	None. 11/21/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 11/21/08	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. 11/21/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-11/21/08	Noted for the record. 8/14/08-11/21/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 11/21/08	Note for the record. 11/21/08	NA
	Non-project related soil piles have been observed within a wetland buffer off	Note for the record. 11/21/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	North St in Milford. 11/21/08		

Next likely scheduled inspection: Thursday December 4, 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*

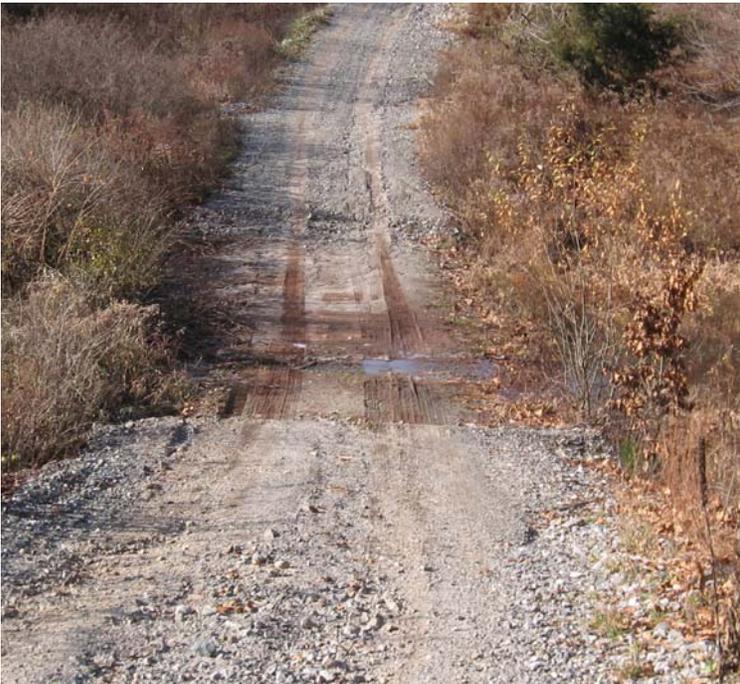
Reviewer: *Lee Curtis, BSC Group*



Downs Rd (Bethany): A view of the restoration efforts and plantings near structure #3981/24168.



Downs Rd: A view of the permanent access road. A culvert, near structure #24169, is no longer functional and runoff is beginning to scour a trench in the access road. No wetland impacts are evident at this time.



Brooksvale Ave (Hamden): A view of the permanent access road through wetland #100. The pre-existing water course has been altered by the access road.



Brooksvale Ave: Runoff has scoured a channel through the access road.



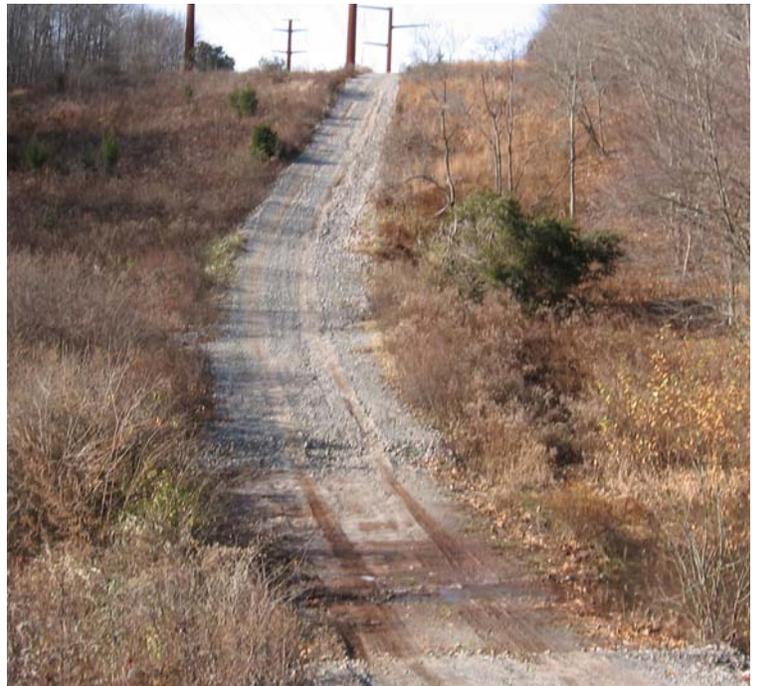
Brooksvale Ave: Runoff is ponding at the access road. The D & M Plan depicts stream flow in this area.



Brooksvale Ave: Sediment from the access road has been observed in wetland #100.



Brooksvale Ave: An additional view of sedimentation to wetland #100.



Brooksvale Ave: An additional view of the permanent access road and wetland #100. Additional controls are recommended here.