

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: September 25, 2008

Inspector: Matt Kelly

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

Rainfall: 0.02” of precipitation were recorded since the last inspection. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Milford, CT All sections	Restoration efforts to access roads and adjacent roadways appear complete at this time. 9/25/08	Continue to monitor until all areas are stabilized with vegetation. 9/25/08	Not Applicable (NA)
Caswell St/Bic Dr Orange, CT All sections	Construction appears complete in this section at this time, and construction traffic has been minimal for an extended period. The majority of sedimentation in this area is non-project related. 9/25/08	Continue to monitor until construction related traffic has ceased. If sediment tracking continues, sweep roadway as needed and provide catch basin protection. 9/25/08	Needs evaluation
Woodbridge, CT JCC	Restoration efforts to access road and crane pad locations appear complete at this time. 9/25/08	Continue to monitor. See EC Section. 9/25/08	Vegetative growth noted
Bethany, CT Litchfield Turnpike	Access Rd/crane pad reclamation was active here this week. 9/25/08	Continue to monitor. See EC Section. 9/25/08	Reclamation is active
	Stone pads have been removed from the ROW. The access road, including the timber mat crossings, is permanent and will remain. 9/25/08	Continue to monitor until the area is stabilized with vegetation. <i>See stabilization section.</i> 9/25/08	Needs attention

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Hamden, CT Old Ln	Catch basin controls need attention here. 7/18-9/25/08	Provide and maintain catch basin protection. 9/25/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 9/25/08 115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 9/25/08 345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 9/25/08	NA. 9/25/08 Continue to monitor. See EC Section. 9/25/08 Continue to monitor. See EC Section. 9/25/08	NA NA NA
Erosion and sediment controls Milford, CT Lexington Way East Rutland Whealers Farm Rd	Roots have been retained in most cleared areas to maintain some soil stability. Crews have made good efforts to temporarily stabilize most disturbed areas with hay mulch. Timber mats and erosion controls are in place in and adjacent to wetland areas. 9/25/08 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. 8/14-9/25/08 Stormwater run-off is scouring a channel along the access road near structure #3827. 8/14-9/25/08 Stormwater runoff is causing minor scouring	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 9/25/08 Continue to monitor and stabilize exposed soils. Evaluate control options. 9/25/08 Continue to monitor and stabilize exposed soils. 9/25/08 Place check dams or divert runoff flow until the slope	NA Needs attention/evaluation Needs attention Approximately 65-70% vegetative cover has

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	near structure #3832. Runoff from the slope is undermining the silt fence here. Approximately 65-70% vegetative cover has been noted outside of the stormwater path in this area. 8/14-9/25/08	is stable. 9/25/08	been noted outside of the stormwater path in this area. <i>Needs additional attention</i>
Eisenhower Park	A spoil pile remains in the wetland buffer here. 9/25/08	Remove pile from wetland buffer when feasible. 9/25/08	Needs attention when feasible
Eisenhower Park Mitigation Area	Soils in the mitigation area remain exposed, but appear to be contained on site. In general, all plantings appear to be doing well at this time. 9/25/08	Continue to monitor until final stabilization is achieved. Exposed soils should be seeded if grass growth is not observed now that the plantings are complete. 9/25/08	Needs attention
Orange, CT Dogburn Rd	Stormwater run-off has caused scouring in the restored crane pad area near structure #24077. 8/22-9/25/08	Stabilize exposed soils and continue to monitor and repair/add controls as necessary. 9/25/08	Needs attention
Route 34	Spoils have been removed from the ROW off Rt. 34. 9/25/08	Remove spoil piles when feasible. 9/25/08	Spoils have been removed from the ROW
Bethany & Hamden, CT	Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 9/25/08	Remove spoil piles during 345 kV restorations. 9/25/08	Remaining spoil piles need attention during 345 kV restoration efforts
Bethany, CT Litchfield Tpk	Access road controls (waterbars and sediment basins) remain intact, but sediment from the road continues to accumulate on some of the wetland crossings in this section. 9/25/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 9/25/08	Needs evaluation/attention
Hamden, CT West Todd Street/ Gaylord Mountain	A small swale was installed along the ROW perimeter and the access road in an attempt to help	Continue to monitor until final stabilization is achieved. The swale remains functional but	Haybale controls have been installed within the swale <i>Needs additional attention</i>

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<p>Gaylord Mountain (North)</p> <p>Brooksvale Ave</p> <p>Old Lane Rd</p>	<p>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. 9/25/08</p> <p>Sediment is accumulating in the third sediment basin along the access road here. Additional controls/ stabilization measures may be necessary. Vegetative growth has been observed within the trench along the access road. 9/25/08</p> <p>Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 9/25/08</p> <p>Access road controls remain functional here. Sediment basins need attention. 9/25/08</p>	<p>additional controls are needed to help control stormwater and erosion. Remove sediment from the wetland. 9/25/08</p> <p>Remove sediment from the basin during 345 kV restoration efforts. 9/25/08</p> <p>Continue to monitor and add/maintain controls as necessary. 9/25/08</p> <p>Continue to monitor and maintain as necessary. 9/25/08</p>	<p>Sediment basins need attention during 345 kV restoration efforts</p> <p>Needs evaluation/ attention during 345 kV restoration efforts</p> <p>Needs evaluation</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. 9/25/08</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. 9/25/08</p> <p>Foundations for 345-kV structures that have been</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 9/25/08</p> <p>Continue to monitor and add controls as necessary. 9/25/08</p> <p>Continue to monitor and add controls as necessary.</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

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<p>Milford, CT</p>	<p>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. 9/25/08</p>	<p>add controls as necessary. 9/25/08</p>	
<p>East Rutland Road (western access point), Eisenhower Park</p>	<p>Permanent stone access roads remain at the wetland crossings in these areas. 9/25/08</p>	<p>NA 9/25/08</p>	<p>NA</p>
<p>Orange, CT</p> <p>Pine Tree Dr, Lambert Rd, Clearview Ln (Woodbridge)</p>	<p>Permanent stone access roads remain at the wetland crossings in these areas (as approved). 9/25/08</p>	<p>Continue to monitor. 9/25/08</p>	<p>NA</p>
<p>Woodbridge, CT</p>	<p>Access road and pad reclamation continues in the wetland area here this week. 9/25/08</p>	<p>Continue to monitor. 9/25/08</p>	<p>Reclamation is active</p>
<p>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 at B'Nai Jacob. 9/25/08</p>	<p>Continue to monitor until <i>final stabilization is achieved.</i> 9/25/08</p>	<p>NA at this time</p>
<p>Cow Path Ln, Rimmon Rd, Brookwood Dr, Ansonia Rd, and Glen Dam</p>	<p>Permanent access roads remain in the wetlands in these sections (as permitted.) 9/25/08</p>	<p>Continue to monitor. 9/25/08</p>	<p>NA</p>
<p>Oak Ln CC</p>	<p>Crane pad reclamation has been completed in the wetland area here. 9/25/08</p>	<p>Continue to monitor. 9/25/08</p>	<p>Crane pad reclamation has been completed</p>
<p>Bethany, CT</p> <p>Litchfield Tpk,</p>	<p>Stone access roads and timber mats are in place in the wetland areas in this</p>	<p>Continue to monitor. 9/25/08</p>	<p>NA</p>

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Hatfield Rd	the wetland areas in this section (as permitted). 9/25/08		
Litchfield Turnpike	Some sediment has accumulated on the permanent timber mat crossings at wetlands #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). Sediment does not appear to be accumulating in the wetlands at these crossings. 9/25/08	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. 9/25/08	Needs evaluation/attention during 345 kV restoration efforts
Hamden,CT			
West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 9/25/08	Continue to monitor. 9/25/08	NA at this time
Gaylord Mtn. Rd. (North)	Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07. No further accumulation has been observed and wetland vegetation has been noted. 9/25/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 9/25/08	Needs evaluation/attention during 345 kV restoration efforts
(South)	Sediment remains in the wetland area between structure #'s 3990-3991. Sediment removal has been scheduled. 9/25/08	Carefully remove sediment from wetland if it is greater than 2” in depth. 9/25/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. Sediment does not appear to be accumulating here. 9/25/08	Carefully remove sediment from wetland areas if it exceeds 2” in depth when timber mats are removed. Add haybale controls to prevent sedimentation from the access road. 9/25/08	Needs evaluation/attention during 345 kV restoration efforts
Whitney Ave	Sediment remains in the wetland near structure #24195. 9/25/08	Carefully remove sediment from wetland areas if it exceeds 2” in depth.	Needs evaluation/attention during 345 kV

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		9/25/08	restoration efforts
<p>State species of concern, threatened and endangered species.</p> <p>Milford to Hamden, CT</p> <p>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. Wood turtles are no longer considered dormant after April 1st. 9/25/08</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. 9/25/08</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 construction activities. 9/25/08</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. 9/25/08</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas</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</p> <p>Naugatuck Ave, Caswell St, Plains Rd, Oronoque Rd, Fresh Meadow Ln, North St, Woodruff</p> <p>Lexington Way, E. Rutland, Wheelers Farm Rd, W. River St,</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. 9/25/08</p> <p>Final vegetative stabilization has been achieved in these areas. 9/25/08</p> <p>Vegetative growth has been noted in these areas. Approximately 60-70% vegetative cover exists;</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. 9/25/08</p> <p>NA 9/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 9/25/08</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>

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<p>Eisenhower Park</p> <p>Orange, CT</p> <p>Rolling Ridge Rd, Pine Tree Dr, Lambert Rd</p> <p>Treat Ln, Orange Center Rd, Sunset Dr, Hall Dr, Edward Ct, Racebrook Rd, Russell Ave, Overland Dr, Saddle Ridge Rd, Rt 34, and Dogburn Rd</p> <p>Dogwood Rd, Hunting Hill Rd, and Hunting Hill Place</p> <p>Woodbridge, CT</p> <p>Clearview Ln, Ansonia Rd, Manville Rd, Center Rd, Woodbine Rd, and Clark Rd</p> <p>Brookwood Rd, Salem Rd, Rimmon Rd, Pease Rd, Cowpath Ln, and Glen Dam</p> <p>Brookwood Rd</p> <p>Bethany, CT</p> <p>Litchfield Tpk</p>	<p>however, additional stabilization is needed in these areas. 9/25/08</p> <p>Final vegetative stabilization has been achieved in these areas. 9/25/08</p> <p>Vegetative growth has been observed in these restored locations. 9/25/08</p> <p>Restoration efforts are complete in these areas. 9/25/08</p> <p>Final vegetative stabilization has been achieved in these areas. 9/25/08</p> <p>Vegetative growth has been noted in these restored locations. 9/25/08</p> <p>A 2-foot woodchip pile has been noted here. 9/25/08</p> <p>115 kV & 345 kV restoration efforts appear complete in this section at this time. Vegetative growth has been noted. 9/25/08</p> <p>The access roads here are permanent, therefore timber mat wetland crossings will remain. 9/25/08</p>	<p>NA 9/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 9/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 9/25/08</p> <p>NA 9/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 9/25/08</p> <p>Spread wood chips in the upland portions of the ROW or remove when feasible. 9/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 9/25/08</p> <p>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</p>	<p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> <p>Reclamation/Restoration efforts are complete</p> <p>Final vegetative stabilization has been achieved</p> <p>Vegetative growth has been noted</p> <p>Needs attention</p> <p>Reclamation/restoration efforts are complete</p> <p>Needs attention/evaluation</p>

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Hamden, CT Old Ln	A 2-foot woodchip pile has been noted here. 9/25/08	road. 9/25/08 Spread wood chips in the upland portions of the ROW or remove when feasible. 9/25/08	Needs attention
Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 9/25/08	NA. 9/25/08	NA
Blasting	No blasting is proposed at this time. 9/25/08	None. 9/25/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 9/25/08	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. 9/25/08	NA
Additional Observations	Vehicle tracks were observed in Eisenhower Park near the mitigation area. 8/14-9/25/08 Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 9/25/08 Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 9/25/08	Noted for the record. 8/14/08-9/25/08 Note for the record. 9/25/08 Note for the record. 9/25/08	NA NA NA

Next likely scheduled inspection:

Thursday October 2, 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



Rt 34 (Orange): Vegetative growth continues within the restored access road and crane pad near structures #3887/24074.



Rt 34: An additional view of vegetative cover near structures #3887/24074. Soils appear stable along the slope at this time.



Rt 34: Timber mats have been removed from the wetland near structures #3885/24072.



Rt 34: An additional view of the area near structures #3885/24072. Vegetative growth continues to increase here.



Rt 34: A view of a restored wire pulling site. No direct impacts to the wetland are evident here, and vegetative growth increases within the wetland buffer.



Rt 34: A view of the restoration efforts and plantings off Saddle Ridge road near structures #3884/24071.



Clearview Ln (Woodbridge): A view of the restored upland access road near structures # 3901/24088.



Clearview Ln: A view of a permanent wetland crossing near structures #3903/24090. This crossing is located off ROW and disturbed areas have been restored and stabilized with vegetative cover. Silt fence controls can be removed at this time.



Clearview Ln: A view of the restoration efforts near structure #3903/24090. A permanent wetland crossing remains here as permitted. Final stabilization efforts have been achieved in this area.



Clearview Ln: An additional view of the restoration efforts near structures #3903/24090. This area was a former wire pulling site.



Clearview Ln: A view of the access road restoration efforts near structures #3904/24091. Vegetation growth continues here.



Brookwood Dr (Woodbridge): A view of the restored crane pad near structures #3909/24096. A woodchip pile has been stored here recently.



Manville Rd (Woodbridge): Good vegetative cover exists within the wetland area near structures #3915/24102.



Manville Rd: An additional view of the restoration efforts near structures #3915/24102.



Manville Rd: A view of the restoration efforts near structures #3916/24103. This area has achieved final stabilization.



Ansonia Rd (Woodbridge): A view of the restoration efforts near structures # 3914/24101. Approximately 60-65% vegetative cover exists here.