

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: July 18, 2008

Inspector: Matt Kelly

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

Rainfall: 0.50” of precipitation were recorded since the last inspection with 0.49” of the total reported on 7/14. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Milford, CT Caswell St/Bic Dr	Some sediment tracking was observed in this section, and sediment has accumulated near the catch basin on Caswell/Bic Dr. The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. <i>Note: Sedimentation from non-project related activity has also been observed in this area. 7/18/08</i>	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 7/18/08	Not Applicable (NA)
Shelland St	Some sediment tracking was observed at the entrance to the storage yard. Catch basin protection has been provided in this area. 7/18/08	Continue to monitor and sweep roadway as necessary. 7/18/08	Sediment tracking/accumulation needs regular attention
Woodbridge, CT Pease Rd	The contractor has stated that catch basin protection has not been provided in this area due to flooding concerns. No tracking was observed this week. 7/18/08	Continue to monitor. Sweep roadway as necessary. 7/18/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT Old Ln	Catch basin controls need attention here. 7/18/08	Continue to monitor. Provide and maintain catch basin protection. 7/18/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 7/18/08 115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 7/18/08 345-kV work appears to be complete within the ROW at this time. 7/18/08	NA. 7/18/08 Continue to monitor. See EC Section. 7/18/08 Continue to monitor. See EC Section. 7/18/08	NA NA NA
Erosion and sediment controls	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. 7/18/08	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 7/18/08	NA
Milford, CT Wheeler's Farm Rd	The erosive gully near structure #3832 has been graded and exposed soils have been temporarily stabilized with mulch. Silt fence controls remain in place. 7/18/08	Continue to monitor until the area is stabilized with vegetation. 7/18/08	NA
Eisenhower Park	A spoil pile remains in the wetland buffer here. 7/18/08	Remove pile from wetland buffer when feasible. 7/18/08	Needs attention
Orange, CT Dogwood Rd	Silt fence is in need of repair near structure #24067. 3/12-7/18/08	Repair/ remove controls as necessary during 345 kV restoration efforts. 7/18/08	Needs attention during 345 kV restoration efforts

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dogburn Rd	Access road controls are still in need of repair and waterbars are no longer functional near structure #24077. Sediment accumulation was observed against the silt fence controls above Maltby Lake and within the access road. 4/11-7/18/08	Continue to monitor and repair/add controls as necessary during 345 kV restoration efforts. 7/18/08	Needs evaluation/attention during 345 kV restoration efforts
Route 34	Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 7/18/08	Remove spoil piles when feasible. 7/18/08	Needs attention when during 345 kV restoration efforts
Bethany & Hamden, CT	Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 7/18/08	Remove spoil piles during 345 kV restoration. 7/18/08	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. 7/18/08	Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 7/18/08	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 control/divert stormwater runoff. An erosive gully has been observed in the northern portion of the swale. Vegetative growth was noted. 7/18/08	Continue to monitor until final stabilization is achieved. The swale remains functional but additional controls are needed to help control stormwater and erosion. Monitor during large rain events and continue to add/maintain controls as necessary. 7/18/08	Needs attention during 345 kV restoration efforts
Gaylord Mountain (North)	Sediment is accumulating in the second and third sediment basins along the access road here.	Remove sediment from the basins during 345 kV restoration efforts. 7/18/08	Sediment basins need attention during 345 kV restoration efforts

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<p>Brooksvale Ave</p> <p>Old Lane Rd</p>	<p>Additional controls/stabilization measures may be necessary. Vegetative growth has been observed within the trench along the access road. 7/18/08</p> <p>Spoils remain in the wetland near structure #24179. No controls were observed here. 4/25-7/18/08</p> <p>Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 7/18/08</p> <p>Access road controls remain functional here. Sediment basins need attention. 7/18/08</p>	<p>Remove spoils from the wetland. 7/18/08</p> <p>Continue to monitor and add/maintain controls as necessary. 7/18/08</p> <p>Continue to monitor and maintain as necessary. 7/18/08</p>	<p>Needs attention</p> <p>Needs evaluation/attention during 345 kV restoration efforts</p> <p>Needs attention</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. 7/18/08</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. 7/18/08</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,</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 7/18/08</p> <p>Continue to monitor and add controls as necessary. 7/18/08</p> <p>Continue to monitor and add controls as necessary. 7/18/08</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT West River Street, Eisenhower Park, and North St</p>	<p>24068, 24072 (2), 24090, 24091, 24092R, 24099, 24100, 24101, 24102, 24103, 24104, 24110, 24119(2), 24146, 24166, & 24179. 7/18/08</p> <p>The stone access road off West River St has been returned to original grade and timber mat crane pads have been removed from the wetland areas in these sections. 7/18/08</p>	<p>Continue to monitor and add controls as necessary. 7/18/08</p>	<p>NA at this time</p>
<p>East Rutland Road (western access point)</p> <p>Orange, CT</p>	<p>A stone access road remains at the wetland crossing off East Rutland. This road is permanent. An existing stone culvert was already in place here. 7/18/08</p>	<p>Continue to monitor. 7/18/08</p>	<p>NA at this time.</p>
<p>Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34</p>	<p>Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 7/18/08</p>	<p>Continue to monitor. 7/18/08</p>	<p>NA at this time</p>
<p>Woodbridge, CT JCC/B’Nai Jacob</p>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 7/18/08</p>	<p>Continue to monitor. 7/18/08</p>	<p>NA at this time</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. 7/18/08</p>	<p>Continue to monitor. Adjust controls as necessary. 7/18/08</p>	<p>NA at this time</p>
<p>Rimmon Rd (south)</p>	<p>The timber mat crane pad crossing has been removed from the tributary stream near structure #24105. Vegetative growth has been noted and exposed soils appear stable at this</p>	<p>Continue to monitor. Restore as necessary. 7/18/08</p>	<p>NA</p>

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Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, and Manville Rd	time. 7/18/08 Timber mat crane pads remain within the wetlands in these sections. 7/18/08	Continue to monitor. 7/18/08	NA at this time
Bethany, CT Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 7/18/08	Continue to monitor. 7/18/08	NA
Litchfield Turnpike	Some sediment has accumulated on the mats, #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. 7/18/08	Evaluate methods to eliminate sediment migration from the access road to the wetlands. See EC Section. 7/18/08	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. 7/18/08	Continue to monitor. 7/18/08	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 observed. 7/18/08	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 7/18/08	Needs evaluation/attention during 345 kV restoration efforts
	A spoil pile and tire ruts remain in the wetland area near structure #24179. 4/25-7/18/08	Remove spoils and grade/stabilize ruts. 7/18/08	Needs attention
Brooksvale Ave	Sediment had seeped through the mats and into wetland #100. 7/18/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth when timber mats are removed. 7/18/08	Needs evaluation/attention during 345 kV restoration efforts

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Whitney Ave	Sediment remains in the wetland near structure #24195. 7/18/08	Carefully remove sediment from wetland areas if it exceeds 2" in depth. 7/18/08	Needs evaluation/attention during 345 kV restoration efforts
State species of concern, threatened and endangered species.	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 1 st . 7/18/08	If active work is to continue in this area after April 1 st , 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. 7/18/08	Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p> <p>Milford and Orange, CT</p>	<p>Vegetative clearing was noted within the ROW. Most 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. 7/18/08</p> <p>115 kV crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. Vegetative growth has been noted throughout the ROW in these areas. 7/18/08</p> <p>345 kV restoration efforts appear complete in Milford at this time. All disturbed soils have been graded and temporarily</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. 7/18/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 7/18/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 7/18/08</p>	<p>NA</p> <p>Grass growth was observed in many areas</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park	stabilized with mulch 7/18/08 Final stabilization measures are being applied in the mitigation area. 7/18/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/18/08	NA
Woodbridge, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. Vegetative growth has been observed throughout the ROW in this area. 7/18/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/18/08	Disturbed soils are being graded and mulched for temporary stabilization
Rimmon Road	Vegetative growth was observed here and soils appear stable where timber mats were removed at structure #3918. 7/18/08	Continue to monitor until final stabilization is achieved. 7/18/08	Vegetative has been noted and soils appear stable
Clearview Lane	345 kV restoration efforts including stone/timber mat removal, grading, and temporary stabilization activities appear complete in this area at this time. 7/18/08	Continue to monitor until final stabilization is achieved. 7/18/08	Restoration efforts appear complete here
Bethany and Hamden, CT	115 kV crane pad reclamation and restoration work appears complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. Vegetative growth has been noted throughout the ROW in these areas. 7/18/08	Continue to monitor until <i>final stabilization</i> is achieved. 7/18/08	Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas

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Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT	Dewatering appears complete at this time. 7/18/08	NA. 7/18/08	NA
Blasting	No blasting is proposed at this time. 7/18/08	None. 7/18/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 7/18/08	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. 7/18/08	NA
Additional Observations	<p>Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18/07-7/1/08</p> <p>Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 7/18/08</p> <p>Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 7/18/08</p>	<p>Noted for the record. 1/18/07-7/1/08</p> <p>Note for the record. 7/18/08</p> <p>Note for the record. 7/18/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>

**Next likely scheduled
inspection:**

Friday July 25, 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



Wheelers Farm Rd (Milford): A view of 345 kV pad reclamation/restoration efforts.



Wheelers Farm Rd (Milford): An additional view of 345 kV pad reclamation/restoration efforts.



Eisenhower Park (Milford): A soil pile remains within the ROW.



Old Ln (Hamden): Catch basin controls need attention.