

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: August 14, 2008

Inspector: Matt Kelly

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

Rainfall: 0.16” of precipitation were recorded since the last inspection with 0.10” of the total reported on 8/14. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Restoration efforts for access roads and adjacent roadways appear complete at this time. 8/14/08	Continue to monitor until all areas are stabilized with vegetation. 8/14/08	Not Applicable (NA)
Milford, CT			
All sections			
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. 8/14/08</i>	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 8/14/08	Needs attention/evaluation
West River Street	Access road has been returned to the original grade, but exposed soils remain. 8/14/08	Continue to monitor. See EC Section. 8/14/08	Needs additional attention
Eisenhower Park	The gate to the access road has been torn down (not project related) allowing access to the mitigation area. 8/14/08	Block public access until areas is stabilized. 8/14/08	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT</p> <p>All sections</p> <p>Pease Rd</p> <p>Bethany, CT</p> <p>Litchfield Turnpike</p> <p>Hamden, CT</p> <p>Old Ln</p>	<p>With the exception of the JCC, restoration efforts to access roads and adjacent roadways appear complete at this time. 8/14/08</p> <p>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. 8/14/08</p> <p>Stone pads have been removed from the ROW. The access road in this area is permanent and will remain, including the timber mat crossings. 8/14/08</p> <p>Catch basin controls need attention here. 7/18-8/14/08</p>	<p>Continue to monitor until all areas are stabilized with vegetation. 8/14/08</p> <p>Continue to monitor. Sweep roadway as necessary. 8/14/08</p> <p>Continue to monitor until restoration activities are complete and the area is stabilized with vegetation. See stabilization section. 8/14/08</p> <p>Continue to monitor. Provide and maintain catch basin protection. 8/14/08</p>	<p>NA</p> <p>NA</p> <p>Needs additional attention</p> <p>Needs attention</p>
<p>Foundation and site construction</p> <p>All sections</p>	<p>H- frame structure and lattice tower removal appears to be complete at this time. 8/14/08</p> <p>115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 8/14/08</p> <p>345-kV work appears to be complete within the ROW at this time. Restoration efforts continue 8/14/08</p>	<p>NA. 8/14/08</p> <p>Continue to monitor. See EC Section. 8/14/08</p> <p>Continue to monitor. See EC Section. 8/14/08</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p>	<p>Roots have been retained in most cleared areas to maintain some soil stability. Crews have made good efforts to temporarily stabilize most disturbed</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 8/14/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford, CT Lexington Way	<p>stabilize most disturbed areas with hay mulch. Timber mats and erosion controls are in place in and adjacent to wetland areas. 8/14/08</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. 8/14/08</p>	<p>necessary. 8/14/08</p> <p>Continue to monitor and stabilize exposed soils. 8/14/08</p>	<p>Needs attention</p>
East Rutland	<p>Stormwater run-off is scouring a channel along the access road near structure #3827. 8/14/08</p>	<p>Continue to monitor and stabilize exposed soils. 8/14/08</p>	<p>Needs attention</p>
Wheeler's Farm Rd	<p>Erosion continues near structure #3832. Runoff from the slope is undermining the silt fence controls here. 8/14/08</p>	<p>Place check dams or divert runoff flow until the slope is stable. Grade and stabilize the area as necessary. 8/14/08</p>	<p>Needs additional attention</p>
West River Street	<p>Access roads and timber mat crane pads have been removed. Some exposed soils remain. 8/14/08</p>	<p>Continue to monitor and stabilize exposed soils. 8/14/08</p>	<p>Needs attention</p>
Eisenhower Park	<p>A spoil pile remains in the wetland buffer here. 8/14/08</p>	<p>Remove pile from wetland when feasible. 8/14/08</p>	<p>Needs attention when feasible</p>
Orange, CT	<p>Vehicle tracks were observed in the mitigation area here. 8/14/08</p>	<p>Seed as soon as possible to stabilize soils. Continue to monitor until final stabilization is achieved. See Access Road Section. 8/14/08</p>	<p>Needs attention</p>
Dogwood Rd	<p>Silt fence is in need of repair near structure #24067. 3/12-8/14/08</p>	<p>Repair/ remove controls as necessary during 345 kV restoration efforts. 8/14/08</p>	<p>Needs attention during 345 kV restoration efforts</p>
Dogburn Rd	<p>Access road controls are still in need of repair and waterbars are no longer functional near structure</p>	<p>Continue to monitor and repair/add controls as necessary during 345 kV restoration efforts. 8/14/08</p>	<p>Needs evaluation/ attention during 345 kV restoration efforts</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Route 34	<p>#24077. Sediment accumulation was observed against the silt fence controls above Maltby Lake and within the access road. 4/11-8/14/08</p> <p>Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 8/14/08</p>	<p>Remove spoil piles when feasible. 8/14/08</p>	<p>Needs attention during 345 kV restoration efforts</p>
Woodbridge, CT B'Nai Jacob	<p>Access Rd mats were recently removed but soil adjacent to the stream channel remains exposed. 8/14/08</p>	<p>Seed the banks as soon as feasible and/or place haybales along both banks. Continue to monitor until final stabilization is achieved. 8/14/08</p>	<p>Needs additional attention</p>
Bethany & Hamden, CT	<p>Spoils remain on the ROW off Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 8/14/08</p>	<p>Remove spoil piles during 345 kV restorations. 8/14/08</p>	<p>Remaining spoil piles need attention during 345 kV restoration efforts</p>
Bethany, CT Litchfield Tpk	<p>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. 8/14/08</p>	<p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 8/14/08</p>	<p>Needs evaluation/attention</p>
Hamden, CT West Todd Street/ Gaylord Mountain	<p>A small swale was installed along the ROW perimeter and the access road in an attempt to help control/divert stormwater runoff. Erosion continues in the swale and sediment laden stormwater is following off the ROW and into a wetland. 8/14/08</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. Evaluate control options. See wetland section. 8/14/08</p>	<p>Needs attention</p>
Gaylord Mountain (North)	<p>Sediment is accumulating in the third sediment</p>	<p>Remove sediment from the basin during 345 kV</p>	<p>Sediment basins need attention during 345 kV</p>

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Brooksvale Ave	<p>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. 8/14/08</p> <p>Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 8/14/08</p>	<p>restoration efforts. 8/14/08</p> <p>Continue to monitor and add/maintain controls as necessary. 8/14/08</p>	<p>restoration efforts</p> <p>Needs evaluation/ attention during 345 kV restoration efforts</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>All sections</p> <p>Milford, CT</p>	<p>The ACOE permit is in hand and approved wetland work continues. 8/14/08</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. 8/14/08</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. 8/14/08</p> <p>A stone access road remains at the wetland</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 8/14/08</p> <p>Continue to monitor and add controls as necessary. 8/14/08</p> <p>Continue to monitor and add controls as necessary. 8/14/08</p> <p>Continue to monitor. 8/14/08</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>East Rutland Road (western access point)</p> <p>Orange, CT</p> <p>Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34</p> <p>Woodbridge, CT JCC/B'Nai Jacob (Rimmon Rd)</p> <p>Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Manville Rd and Ansonia Rd</p> <p>Oak Ln CC, & JCC</p> <p>Bethany, CT Morris to Hatfield</p> <p>Litchfield Turnpike</p>	<p>crossing off East Rutland. This road is permanent. An existing stone culvert was already in place here. 8/14/08</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. 8/14/08</p> <p>Stone access roads and timber mat crossings have been removed from the wetland areas near B'Nai Jacob, but remain in the wetland areas near JCC. 8/14/08</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. 8/14/08</p> <p>Timber mat crane pads have been removed from the wetlands in these sections. Access roads remain where permitted. 8/14/08</p> <p>Timbermat crane pads remain in the wetlands in these sections. 8/14/08</p> <p>A stone access road and timber mats are in place in the wetland areas in this section as permitted. 8/14/08</p> <p>Some sediment has accumulated on the permanent timber mat crossings at wetlands</p>	<p>Continue to monitor. 8/14/08</p> <p>Continue to monitor. 8/14/08</p> <p>Continue to monitor. Adjust controls as necessary. 8/14/08</p> <p>Continue to monitor. 8/14/08</p> <p>Continue to monitor. 8/14/08</p> <p>Continue to monitor. 8/14/08</p> <p>Evaluate methods to eliminate sediment migration from the access road to the wetlands. The</p>	<p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time</p> <p>Timber mat crane pads have been removed</p> <p>NA</p> <p>NA</p> <p>Needs evaluation/ attention during 345 kV restoration efforts</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Hamden, CT</p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p> <p>Gaylord Mtn. Rd. (North)</p> <p>Gaylord Mtn. Rd. (South)</p> <p>Brooksvale Ave</p> <p>Whitney Ave</p>	<p>#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. 8/14/08</p> <p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 8/14/08</p> <p>Sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07-No further accumulation has not been observed and wetland vegetation has been noted. Spoils have been removed from the wetland here. 8/8/08</p> <p>Sediment remains in the wetland area between structure #'s 3990-3991. 8/14/08</p> <p>Sediment had seeped through the mats and into wetland #100. 8/14/08</p> <p>Sediment remains in the wetland near structure #24195. 8/14/08</p>	<p>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. 8/14/08</p> <p>Continue to monitor. 8/14/08</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 8/8/08</p> <p>Carefully remove sediment from wetland if it is greater than 2" in depth. 8/14/08</p> <p>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. 8/14/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2" in depth. 8/14/08</p>	<p>NA at this time</p> <p>Needs evaluation/attention during 345 kV restoration efforts</p> <p>Needs attention</p> <p>Needs evaluation/attention during 345 kV restoration efforts</p> <p>Needs evaluation/attention during 345 kV restoration efforts</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. Wood</p>	<p>If active work is to continue in this area after April 1st, field crews should receive the appropriate training in the</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford to Hamden, CT</p> <p>Eisenhower Park, & Old Ln</p>	<p>turtles are no longer considered dormant after April 1st. 8/14/08</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. 8/14/08</p>	<p>recognition and removal of individual wood turtles from the construction area. “Sweeps” should be performed prior to the commencement of construction activities. 8/14/08</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. 8/14/08</p>	<p>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 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. 8/14/08</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. 8/14/08</p> <p>345 kV restoration efforts appear complete in Milford at this time. All disturbed soils have been graded and temporarily stabilized with mulch 8/14/08</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. 8/14/08</p> <p>Continue to monitor until final stabilization is achieved. 8/14/08</p> <p>Continue to monitor until final stabilization is achieved. 8/14/08</p>	<p>NA</p> <p>Grass growth was observed in many areas</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	<p>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. 8/14/08</p>	<p>Continue to monitor until final stabilization is achieved. 8/14/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
<p>Clearview Ln, Manville Rd, Ansonia Rd, Rimmon Rd, Pease Rd, Center Rd, Cowpath Ln, Glen Dam, Salem Rd</p>	<p>345 kV restoration efforts appear complete in these sections at this time. All disturbed soils have been graded and temporarily stabilized with mulch. 8/14/08</p>	<p>Continue to monitor until final stabilization is achieved. 8/14/08</p>	<p>NA</p>
Bethany and Hamden, CT	<p>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. 8/14/08</p>	<p>Continue to monitor until final stabilization is achieved. 8/14/08</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas</p>
Litchfield Turnpike	<p>345 kV restoration efforts appear complete in this section at this time. All disturbed soils have been graded and temporarily stabilized with mulch. The access roads here are permanent, therefore timber mat wetland crossings will remain. 8/14/08</p>	<p>Continue to monitor until final stabilization is achieved. 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 8/14/08</p>	<p>NA</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering appears complete at this time. 8/14/08</p>	<p>NA. 8/14/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	No blasting is proposed at this time. 8/14/08	None. 8/14/08	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 8/14/08	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. 8/14/08	NA
Additional Observations	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. 1/18/07-8/14/08	Noted for the record. 1/18/07-8/14/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive & Plains Rd in Milford. 8/14/08	Note for the record. 8/14/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 8/14/08	Note for the record. 8/14/08	NA

Next likely scheduled inspection: Thursday September 11, 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



Whealers Farm Rd (Milford): Some gullying and scouring has resumed along the slope near structure #3832. Place check dams or divert the flow until the slope is stable.



Whealers Farm Rd (Milford): Run-off from the slope is undermining the silt fence in place at the base. Water flows off the ROW at this point.



West River Rd (Milford): The access road has recently been restored in this section but soils are still relatively bare. Vegetative cover remains sparse.



Eisenhower Park (Milford): The gate to the access road has been torn down. (Not project related). However, this provides open vehicle access to the wetland mitigation area.



Eisenhower Park (Milford): A topsoil stockpile from the landscaping activities at the wetland mitigation area remains.



Eisenhower Park (Milford): Vehicle tracks were noted in the mitigation area here, indicating that the access road gate should be repaired. The area should also be seeded as soon as feasible to get ground cover established.



Salem Rd (Woodbridge): Pads in this location have been restored, seeded and mulched.



Manville Rd. (Woodbridge): Restoration recently completed on both sides of the roadway here.



Rimmon Rd-B'Nai Jacob (Woodbridge): Access road mats were recently removed but soil adjacent to the stream channel remains bare/exposed. Seed the area as soon as feasible and/or place haybales along both banks.



Rimmon Rd-B'Nai Jacob (Woodbridge): The restored portions of the ROW are in good shape and some minor grass growth was noted.



Gaylord Mtn. Rd. (Hamden): View of the scoured swale that flows off ROW near structure #3990. Water needs to be diverted or contained as sediment is flowing to a wetland off site.



Gaylord Mtn. Rd. (Hamden): View of the sediment accumulating in the wetland. It will have to be removed by hand as equipment cannot access this location.