

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 25, 2008

Inspector: Matt Kelly

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

Rainfall: 2.74" of precipitation were recorded since the last inspection with 2.05" of the total reported on 7/24. (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. 7/25/08</i>	Continue to monitor and sweep roadway as necessary. If sediment tracking continues, catch basin protection should be provided. 7/25/08	Needs attention/evaluation
Shelland St	Some sediment tracking was observed at the entrance to the storage yard. Catch basin protection has been provided in this area. 7/25/08	Continue to monitor and sweep roadway as necessary. 7/25/08	Sediment tracking/accumulation needs regular attention
West River Street	Access road has been returned to the original grade. 7/25/08	Continue to monitor. See EC Section. 7/25/08	NA
Woodbridge, CT	The contractor has stated that catch basin protection has not been provided in	Continue to monitor. Sweep roadway as necessary. 7/25/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Pease Rd	this area due to flooding concerns. No tracking was observed this week. 7/25/08		
Clearview Ln, Center Rd, Cowpath Ln, Glen Dam, Litchfield Trnprk	Stone pads have been removed from the ROW. A majority of the access roads are permanent in these sections and will remain in the ROW, including the timber mat crossings off Litchfield Turnpike. 7/25/08	Continue to monitor until restoration activities are complete and the area is stabilized with vegetation. See stabilization section. 7/25/08	NA
Bethany, CT Litchfield Turnpike	Stone pads have been removed from the ROW. The access road in this area is permanent and will remain, including the timber mat crossings. 7/25/08	Continue to monitor until restoration activities are complete and the area is stabilized with vegetation. See stabilization section. 7/25/08	Needs additional attention
Hamden, CT Old Ln	Catch basin controls need attention here. 7/18-7/25/08	Continue to monitor. Provide and maintain catch basin protection. 7/25/08	Needs attention
Foundation and site construction All sections	H- frame structure and lattice tower removal appears to be complete at this time. 7/25/08	NA. 7/25/08	NA
	115-kV work appears to be complete within the ROW at this time. Restoration efforts continue. 7/25/08	Continue to monitor. See EC Section. 7/25/08	NA
	345-kV work appears to be complete within the ROW at this time. 7/25/08	Continue to monitor. See EC Section. 7/25/08	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	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 7/25/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford, CT Wheeler's Farm Rd	<p>Timber mats and erosion controls are in place in and adjacent to wetland areas. 7/25/08</p> <p>The erosive gully near structure #3832 has been graded and exposed soils have been temporarily stabilized with mulch. Silt fence controls remain in place. 7/25/08</p>	<p>Continue to monitor until the area is stabilized with vegetation. 7/25/08</p>	<p>NA</p>
West River Street	<p>Access roads and timber mat crane pads have been removed. Some exposed soils remain. 7/25/08</p>	<p>Continue to monitor and stabilize exposed soils. 7/25/08</p>	<p>Needs attention</p>
Eisenhower Park	<p>A spoil pile remains in the wetland buffer here. 7/25/08</p>	<p>Remove pile from wetland when feasible. 7/25/08</p>	<p>Needs attention when feasible</p>
Orange, CT Dogwood Rd	<p>Silt fence is in need of repair near structure #24067. 3/12-7/25/08</p>	<p>Repair/ remove controls as necessary during 345 kV restoration efforts. 7/25/08</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 #24077. Sediment accumulation was observed against the silt fence controls above Maltby Lake and within the access road. 4/11-7/25/08</p>	<p>Continue to monitor and repair/add controls as necessary during 345 kV restoration efforts. 7/25/08</p>	<p>Needs evaluation/ attention during 345 kV restoration efforts</p>
Route 34	<p>Spoils remain within the ROW off Rt. 34. Piles appear to be contained in the upland portions of the ROW. 7/25/08</p>	<p>Remove spoil piles when feasible. 7/25/08</p>	<p>Needs attention during 345 kV restoration efforts</p>
Bethany & Hamden, CT	<p>Spoils remain on the ROW off Litchfield Tpk, Hatfield Rd, Downs to Gaylord Mtn Rd, Tom Swamp, & Brooksvale Ave. 7/25/08</p>	<p>Remove spoil piles during 345 kV restorations. 7/25/08</p>	<p>Remaining spoil piles need attention during 345 kV restoration efforts</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Bethany, CT Litchfield Tpk</p>	<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. 7/25/08</p>	<p>Continue to monitor and add/maintain controls to prevent sediment migration to the wetlands. 7/25/08</p>	<p>Needs evaluation/attention</p>
<p>Hamden, CT West Todd Street/ Gaylord Mountain</p>	<p>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. 7/25/08</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. Monitor during large rain events and continue to add/maintain controls as necessary. 7/25/08</p>	<p>Needs attention during 345 kV restoration efforts</p>
<p>Gaylord Mountain (North)</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. 7/25/08</p>	<p>Remove sediment from the basin during 345 kV restoration efforts. 7/25/08</p>	<p>Sediment basins need attention during 345 kV restoration efforts</p>
<p>Brooksvale Ave</p>	<p>Spoils have been removed from the wetland near structure #24179. 7/25/08</p>	<p>Continue to monitor until restoration efforts and final stabilization is achieved. 7/25/08</p>	<p>Spoils have been removed from the wetland</p>
<p>Brooksvale Ave</p>	<p>Existing controls continue to function at wetland #100, but additional controls may be necessary. The sediment basin is nearing capacity. 7/25/08</p>	<p>Continue to monitor and add/maintain controls as necessary. 7/25/08</p>	<p>Needs evaluation/attention during 345 kV restoration efforts</p>
<p>Old Lane Rd</p>	<p>Access road controls remain functional here. Sediment basins need attention. 7/25/08</p>	<p>Continue to monitor and maintain as necessary. 7/25/08</p>	<p>Needs attention</p>

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Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 7/25/08	Follow general guidelines of the permit whenever work in wetlands occurs. 7/25/08	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. 7/25/08	Continue to monitor and add controls as necessary. 7/25/08	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. 7/25/08	Continue to monitor and add controls as necessary. 7/25/08	NA at this time
Milford, CT East Rutland Road (western access point)	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. 7/25/08	Continue to monitor. 7/25/08	NA at this time.
West River Street	Timber mats have been removed from the wetland near structure #3836/24023. This area appears to be stabilized with vegetation. 7/25/08	NA. 7/25/08	NA
Orange, CT Sunset Drive, Pine Tree Rd (east),	Timber mat crane pads/crossings remain at the wetland areas here.	Continue to monitor. 7/25/08	NA at this time

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<p>Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34</p> <p>Woodbridge, CT JCC/B'Nai Jacob</p> <p>Rimmon Rd (south)</p>	<p>Stone wetland crossings are in place at Lambert Rd and Treat Lane. 7/25/08</p> <p>Stone access roads and timber mat crossings remain in the wetland areas here. 7/25/08</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. 7/25/08</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 time. 7/25/08</p>	<p>Continue to monitor. 7/25/08</p> <p>Continue to monitor. Adjust controls as necessary. 7/25/08</p> <p>Continue to monitor. Restore as necessary. 7/25/08</p>	<p>NA at this time</p> <p>NA at this time</p> <p>NA</p>
<p>Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Ansonia Rd, and Manville Rd</p> <p>Bethany, CT Morris to Hatfield</p>	<p>Timber mat crane pads remain within the wetlands in these sections. 7/25/08</p> <p>A stone access road and timber mats are in place in the wetland areas in this section. 7/25/08</p>	<p>Continue to monitor. 7/25/08</p> <p>Continue to monitor. 7/25/08</p>	<p>NA at this time</p> <p>NA</p>
<p>Litchfield Turnpike</p>	<p>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. 7/25/08</p>	<p>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. 7/25/08</p>	<p>Needs evaluation/attention during 345 kV restoration efforts</p>

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<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>Brooksvale Ave</p> <p>Whitney Ave</p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 7/25/08</p> <p>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. Spoils have been removed from the wetland here. 7/25/08</p> <p>Sediment had seeped through the mats and into wetland #100. 7/25/08</p> <p>Sediment remains in the wetland near structure #24195. 7/25/08</p>	<p>Continue to monitor. 7/25/08</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 7/25/08</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. 7/25/08</p> <p>Carefully remove sediment from wetland areas if it exceeds 2” in depth. 7/25/08</p>	<p>NA at this time</p> <p>Needs evaluation/attention during 345 kV restoration efforts</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 turtles are no longer considered dormant after April 1st. 7/25/08</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. 7/25/08</p>	<p>Ensure that field crews receive the appropriate training prior to the commencement of construction activities in these areas</p>

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<p>Rimmon Road</p> <p>Bethany and Hamden, CT</p> <p>Litchfield Turnpike</p>	<p>stabilized with mulch. 7/25/08</p> <p>Vegetative growth was observed here and soils appear stable where timber mats were removed at structure #3918. 7/25/08</p> <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. 7/25/08</p> <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. 7/25/08</p>	<p>Continue to monitor until final stabilization is achieved. 7/25/08</p> <p>Continue to monitor until <i>final stabilization</i> is achieved. 7/25/08</p> <p>Continue to monitor until <i>final stabilization</i> 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 7/25/08</p>	<p>Vegetative has been noted and soils appear stable</p> <p>Disturbed soils are being graded and mulched for temporary stabilization. Grass growth has been noted in many areas</p> <p>NA</p>
<p>Dewatering Orange, CT Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering appears complete at this time. 7/25/08</p>	<p>NA. 7/25/08</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 7/25/08</p>	<p>None. 7/25/08</p>	<p>NA</p>
<p>Spills, soils and material storage.</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 7/25/08</p>	<p>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. 7/25/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 1/18/07-7/1/08	Noted for the record. 1/18/07-7/1/08	NA
	Non-project related sedimentation has been observed in the roadway off Caswell Street/Bic Drive in Milford. 7/25/08	Note for the record. 7/25/08	NA
	Non-project related soil piles have been observed within a wetland buffer off North St in Milford. 7/25/08	Note for the record. 7/25/08	NA

Next likely scheduled inspection: Friday August 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



West River St (Milford): The access road has been restored to the original grade.



West River St: Wetland timber mats have been removed from the wetland near structure # 3836/24023.



West River St: An additional view of where the access road has been returned to the original grade.



Gaylord Mtn Rd (Hamden): The spoil pile has been removed from the wetland near structure # 3992.