

**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 8, 2007

**Inspector:** Matt Kelly

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

**Rainfall:** 0.60” of precipitation were recorded in the week since the last inspection with 0.37” of the total reported on 11/6. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways  Milford, CT, Orange CT, Woodbridge CT, Bethany CT, and Hamden CT  All access roads	Clearing and access road construction appear to be complete in these sections at this time. 11/8/07	Continue to monitor active work areas and add controls as necessary. See EC section. 11/8/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 11/8/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 11/8/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 11/8/07	Continue to monitor. 11/8/07	NA
	“Silt saks” (or similar) remain intact within catch basins located in the vicinity of the constructed access roads. Curb drop inlet protection (including “Gutter Buddies” and filter fabric pulled over the curb inlet) is provided at those catch basins located immediately adjacent to the constructed access roads. 11/8/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 11/8/07	NA
Milford, CT	Sediment tracking from the overhead access road was observed on the	Stabilize the overhead access road with a stone pad and/or provide catch	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Caswell St/Bic Dr	roadway. The adjacent catch basin is not protected. 11/8/07	protection and sweep the roadway as necessary. 11/8/07	
<p>Foundation and site construction</p> <p><b>Milford, Orange, and Woodbridge CT</b></p> <p>Milford, CT</p> <p>Woodbridge, CT</p>	<p>Crane pads associated with the 115-kV work are being removed and transferred to the 345-kV portion of the line (pad reclamation) in these sections. 11/8/07</p> <p>115-kV foundation work continues within the ROW off Naugatuck Ave Caswell St, and Shelland St in Milford. 11/8/07</p> <p>345-kV foundation work has begun off Plains Rd and Oronoque Rd. 11/8/07</p> <p>345-kV foundation work appears to be complete in the Pease Road/JCC section at this time. Structure installation continues. 11/8/07</p> <p>Foundation work and structure installation appear to be complete in all other sections at this time. 11/8/07</p>	<p>Continue to monitor. See EC and Stabilization Sections. 11/8/07</p> <p>Continue to monitor. See EC Section. 11/8/07</p> <p>Continue to monitor active work areas. See EC Section. 11/8/07</p> <p>Continue to monitor active work areas. See EC Section. 11/8/07</p> <p>None at this time. 11/8/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p><b>Milford &amp; Orange,</b></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 areas with hay mulch. Timber mats and erosion controls are in place in and adjacent to wetland areas. 11/8/07</p> <p>Pad reclamation is</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/8/07</p> <p>Continue to monitor.</p>	<p>NA</p> <p>NA</p>

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CT	complete in most areas at this time. Exposed soils have been graded and mulched. 11/8/07	Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 11/8/07	
Woodbridge, CT Glen Dam Reservoir	Spoil piles remain within the ROW off Caswell St in Milford. Piles appear to be contained on site. 11/8/07	Remove spoil piles when feasible. 11/8/07	Needs attention when feasible
JCC	Exposed soils remain on the slope adjacent to structure #3950. 8/24-11/8/07	Exposed soils should be seeded and mulched when feasible. 11/8/07	Needs attention when feasible
Bethany, CT Litchfield Turnpike	Sediment was noted in the dry stream channel near structure #24119. 8/7/07-11/8/07	Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. 11/8/07	Needs attention/evaluation
Hamden, CT West Todd Street/ Gaylord Mountain	Several waterbars and haybale sediment traps were installed along the steeper portions of the access road in an effort to control/filter stormwater runoff. 11/8/07	Continue to monitor and maintain controls. Evaluate the need for additional controls. 11/8/07	Several waterbars and haybale sediment traps were installed along the access road
	In approximately three areas, stormwater pooled along the perimeter controls and filtered through as concentrated flow off the ROW (4/27/07). This only occurs during large rain events and wetland resource areas were not affected by this off site flow. 11/8/07	Monitor during large rain events and investigate additional solutions to prevent stormwater conveyances off site. Although good efforts were made to control stormwater flow, continue to improve on-site containment. 11/8/07	Good efforts were made but needs additional evaluation/monitoring
	Some sediment remains in the wetland area located to the southwest of	Evaluate sediment accumulation within the wetland. Carefully remove	Needs evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
Willow Street	to the southwest of structure #3992. 11/8/07  Silt fence has been added along Willow Brook at structure #4009. Spoils from foundation/grounding work remain on some of the timber mats here. 9/21-11/8/07	wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 11/8/07  Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats at structure #4009. 11/8/07	Silt fence has been added along Willow Brook but additional attention is needed
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p><b>Milford, CT</b></p> <p>Naugatuck Ave, Rt 121 and Oronoque Rd</p> <p>West River Street and Eisenhower Park</p> <p>East Rutland Road (western access point)</p> <p><b>Orange, CT</b></p> <p>Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road,</p>	<p>The ACOE permit is in hand and approved wetland work continues. 11/8/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 11/8/07</p> <p>A stone access road remains within the wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 11/8/07</p> <p>Excavation continues for the wetland mitigation area along the Wepawaug River at Eisenhower Park. 11/8/07</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 11/8/07</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. 11/8/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 11/8/07</p> <p>Continue to monitor and add controls as necessary. 11/8/07</p> <p>Continue to monitor and add controls as necessary. 11/8/07</p> <p>Continue to monitor and add controls as necessary. 11/8/07</p> <p>Continue to monitor. Install controls as necessary. 11/8/07</p> <p>Continue to monitor. 11/8/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA</p> <p>NA at this time</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Racebrook Rd, and Route 34  Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 11/8/07	Continue to monitor. 11/8/07	NA at this time
<b>Woodbridge, CT</b>  Pease Road/JCC/B'Nai Jacob	Mats remain in the potential wetland area near Pease Road. 11/8/07	Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&M plan, but flags were staked in the field. 11/8/07	NA at this time
	The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted re-location of the ROW. Stone access roads remain in portions of the wetlands in these sections. 11/8/07	Continue to monitor. Adjust controls as necessary. 11/8/07	NA at this time
	Sediment was noted in the stream channel near structure #24119 at the JCC. 8/7-11/8/07	Continue to monitor. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. See EC Section. 11/8/07	Needs evaluation
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	Timber mat crane pads remain within the wetlands in these sections. 11/8/07	Continue to monitor. 11/8/07	NA at this time
<b>Bethany, CT</b>  Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 11/8/07	Continue to monitor. 11/8/07	NA
Litchfield Turnpike	Excess sediment has accumulated on the timber mat crossings within the access road here. Sediment has	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 11/8/07	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Hamden,CT</b></p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p> <p>Old Lane Road</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>seeped through the mats and into wetlands #119 (near structure #3961), #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and #114 (between structure #3966 and #3967). 11/8/07</p> <p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 11/8/07</p> <p>Sediment remains in wetland #94. 10/5-11/8/07</p> <p>Sediment accumulation was evaluated in a portion of the wetland here. Less than 2” of sediment was observed at the catch basin outlet in the wetland across from the overhead access road. (115-kV underground). 11/8/07</p>	<p>Continue to monitor. 11/8/07</p> <p>Continue to monitor and add/maintain controls as necessary. Carefully remove sediment from the wetland if it is greater than 2” in depth. See EC Section. 11/8/07</p> <p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 11/8/07</p>	<p>NA at this time</p> <p>Needs evaluation/attention</p> <p>Needs further evaluation</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&amp;M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 11/8/07</p>	<p>Since wood turtles are no longer dormant and active work is occurring here, field crews should receive the appropriate training in the recognition and removal of individual wood turtles from the construction area. 4/5-11/8/07</p>	<p>Contractors stated that field crews have received the appropriate training and sweeps have occurred and will occur during active work.</p>
<p>Vegetative clearing or stabilization</p> <p>All active roads (all towns)</p>	<p>Vegetative clearing was noted within the ROW. Most species were invasive and were removed. “Hedgerows” including</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening</p>	<p>NA</p>

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Milford and Orange, CT	<p>“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. 11/8/07</p>	<p>possible for screening. Confirm that clearing/cutting is limited only to areas defined in D&amp;M plan. Provide as much buffer as possible for homeowners. 11/8/07</p>	
	<p>Soils remain exposed as a result of grounding activities. 11/8/07</p>	<p>Exposed soils should be seeded and mulched. Continue to monitor until stabilization is achieved. 11/8/07</p>	<p>Needs attention</p>
	<p>Wood chip piles remain in the ROW off Woodruff Rd in Milford and Russell Ave in Orange. 11/8/07</p>	<p>Wood chip piles need to be removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 11/8/07</p>	<p>Needs attention when feasible</p>
Woodbridge, CT	<p>Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 11/8/07</p>	<p>Continue to monitor until stabilization is achieved. 11/8/07</p>	<p>Disturbed soils are being graded and mulched for temporary stabilization</p>
JCC	<p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 11/8/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 11/8/07</p>	<p>NA</p>
B’Nai Jacob	<p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 11/8/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 11/8/07</p>	<p>NA</p>
Hamden, CT	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 11/8/07.</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 11/8/07</p>	<p>Continue stabilization efforts</p>
Old Lane Road	<p>The overhead access road has been stabilized with</p>	<p>Continue to monitor until stabilization is achieved.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	has been stabilized with stone. Hydroseed was applied to exposed soils. 11/8/07  Exposed soils remain near structure #4014. 11/8/07	stabilization is achieved. 11/8/07  Exposed soils should be stabilized with mulch and seed. 11/8/07	Needs attention when feasible
Dewatering <b>Milford, CT</b> Naugatuck Ave, Caswell St, and Plains Rd	Dewatering basins remain in place at new and proposed drilling sites in these sections. Dewatering is complete at this time in all other sections. 11/8/07	Continue to monitor active areas and adjust controls as necessary. 11/8/07	Dewatering containment areas were installed proactively.
<b>Orange, CT</b>	Dewatering basins remain for 345kV foundation work. 11/8/07	Continue to monitor. 11/8/07	NA
<b>Woodbridge, Bethany, and Hamden CT</b>	Dewatering activities appear to be complete in these sections at this time 11/8/07	None at this time. 11/8/07	NA
Blasting	No blasting is proposed at this time. 11/8/07	None. 11/8/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 11/8/07	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. 11/8/07	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. 1/18-11/8/07	Noted for the record. 1/18-11/8/07	NA

Next likely scheduled inspection:

Friday November 16, 2007

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*



Caswell St south (Milford): Spoil piles remain in the ROW near structure #3807. Spoils appear to be contained on site.



Caswell St: View of the sediment tracking within the roadway here.



Old Ln (Hampden): A view of the outlet from the catch basin on Old Ln. A small amount of sediment was observed in the wetland.