

**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:** October 19, 2007

**Inspector:** Matt Kelly

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

**Rainfall:** 0.85” of precipitation were recorded in the week since the last inspection with 0.84” of the total reported on 10/19. (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. 10/19/07	Continue to monitor active work areas and add controls as necessary. See EC section. 10/19/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 10/19/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/19/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 10/19/07	Continue to monitor. 10/19/07	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. 10/19/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 10/19/07	NA
	“Gutter Buddies” have	Maintain curb drop inlet protection in this area.	“Gutter Buddies” have been replaced



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<p><b>Woodbridge, CT</b> Glen Dam Reservoir</p> <p>JCC</p> <p><b>Bethany, CT</b> Litchfield Turnpike</p> <p><b>Hamden, CT</b> Tom Swamp Rd/Arrow Rd</p>	<p>Sediment has accumulated in the stone sediment traps here (8/2/07) and waterbars are no longer functional. 10/5-10/19/07</p>	<p>Sediment should be removed from the stone traps in order to maintain proper function. Repair waterbars. 10/19/07</p>	<p>Needs attention</p>
	<p>Exposed soils remain on the slope adjacent to structure #3950. 8/24-10/19/07</p>	<p>Exposed soils should be seeded and mulched when feasible. 10/19/07</p>	<p>Needs attention</p>
	<p>Silt fence is in need of repair near structure #24119. Sediment was noted in the dry stream channel here. 8/7-10/19/07</p>	<p>Continue to monitor and repair and maintain as necessary. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. 10/19/07</p>	<p>Needs attention/evaluation</p>
	<p>Haybale check dams have been added along the access road to slow and filter stormwater flow. Additional controls may be necessary. 10/19/07</p>	<p>Continue to monitor and add controls as necessary. 10/19/07</p>	<p>Needs attention/evaluation</p>
	<p>Excess sediment has accumulated on the timber mat wetland crossings within the access road here. Sediment was observed within the wetlands at several crossings. 10/19/07</p>	<p>Continue to monitor. Sediment should be removed from the timber mats as soon as possible and water bars, or similar, should be installed to prevent further sedimentation to the wetlands. See Wetlands Section. 10/19/07</p>	<p>Needs attention/evaluation</p>
	<p>Temporary culverts are in place within the access roads here. Stone sediment traps and haybale check dams remain at the outlets. Sediment was not</p>	<p>Continue to monitor and add/maintain controls as necessary. 10/19/07</p>	<p>Sediment was not observed within or piled on top of the stone traps this week. Proper controls are in place</p>

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West Todd Street/ Gaylord Mountain	<p>observed within or piled on top of the stone traps this week. 10/19/07</p> <p>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. 10/19/07</p> <p>Sediment has been removed from the stone sediment trap and a new line of haybales was installed in an effort to control and filter stormwater runoff. Some sediment remains in the adjacent wetland. 10/19/07</p>	<p>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 the on-site containment. 10/19/07</p> <p>Continue to monitor and add/adjust controls as necessary. Carefully remove sediment from wetland if it is greater than 2” in depth. 10/19/07</p>	<p>Good efforts were made but needs additional evaluation/monitoring</p> <p>Sediment has been removed from the stone sediment trap and a new line of haybales has been installed</p> <p>Evaluate sediment accumulation in adjacent wetland</p>
Brooksvale Rd	<p>The length of culvert pipe was removed from the wetland here. 10/19/07</p> <p>Sediment has been removed from the haybale sediment trap and additional haybales were installed in an effort to control and filter stormwater runoff. 10/19/07</p>	<p>None. 10/19/07</p> <p>Continue to monitor and adjust controls as necessary. 10/19/07</p>	<p>Length of culvert pipe was removed from the wetland</p> <p>Sediment has been removed from the sediment trap and additional haybales were installed</p>
Willow Street	<p>Silt fence has been added along Willow Brook at structure #4009. Spoils from foundation/grounding work remain on some of the timber mats here. 9/21-10/19/07</p>	<p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats at structure #4009. 10/19/07</p>	<p>Silt fence has been added along Willow Brook but additional attention is needed</p>

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Inland Wetland and Watercourse encroachment and mitigation	The ACOE permit is in hand and approved wetland work continues. 10/19/07	Follow general guidelines of the permit whenever work in wetlands occurs. 10/19/07	NA
<b>Milford, CT</b> Naugatuck Ave, Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 10/19/07	Continue to monitor and add controls as necessary. 10/19/07	NA at this time
West River Street and Eisenhower Park	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. 10/19/07	Continue to monitor and add controls as necessary. 10/19/07	NA at this time
East Rutland Road (western access point)	The proposed wetland mitigation area has been staked/delineated along the Wepawaug River at Eisenhower Park. 10/19/07	Continue to monitor and add controls as necessary. 10/19/07	NA
<b>Orange, CT</b> Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 10/19/07	Continue to monitor. Install controls as necessary. 10/19/07	NA at this time
Clearview Lane to Rt 15	Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 10/19/07	Continue to monitor. 10/19/07	NA at this time.
<b>Woodbridge, CT</b> Pease Road/JCC/B'Nai	Stone access roads and timber mat crossings remain in the wetland areas here. 10/19/07	Continue to monitor. 10/19/07	NA at this time
	Mats remain in the potential wetland area near Pease Road	Continue to monitor. The contractor states that this wetland was removed	NA at this time

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Jacob	<p>near Pease Road. 10/19/07</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. Stone access roads remain in portions of the wetlands in these sections. 10/19/07</p>	<p>wetland was removed from the most recent version of the D&amp;M plan, but flags were staked in the field. 10/19/07</p> <p>Continue to monitor. Adjust controls as necessary. 10/19/07</p>	<p>NA at this time</p>
Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	<p>Sediment was noted in the stream channel near structure #24119 at the JCC. 8/7-10/19/07</p> <p>Timber mat crane pads remain within the wetlands in these sections. 10/19/07</p>	<p>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. 10/19/07</p> <p>Continue to monitor. 10/19/07</p>	<p>Needs evaluation</p> <p>NA at this time</p>
<b>Bethany, CT</b> Morris to Hatfield	<p>A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 10/19/07</p>	<p>Continue to monitor. 10/19/07</p>	<p>NA at this time</p>
Litchfield Turnpike	<p>Excess sediment has accumulated on the timber mat crossings within the access road here. Sediment has seeped through the mats and into wetlands #119 (near structure #3961), #116 (between structures #3964 and #3965), #115 (between structures #3965 and #3966) and</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 10/19/07</p>	<p>Needs evaluation/attention</p>

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<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>#114 (between structure #3966 and #3967). 10/19/07</p> <p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 10/19/07</p> <p>Sediment remains in wetland #94. 10/5-10/19/07</p> <p>Turbid water was noted in the wetland across from the overhead access road during previous inspections (during 115-kV underground work). 10/19/07</p>	<p>Continue to monitor. 10/19/07</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. 10/19/07</p> <p>Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in depth. 10/19/07</p>	<p>NA at this time</p> <p>Needs evaluation/attention</p> <p>Needs 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. 10/19/07</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. 4/5-10/19/07</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 cedars and similar short tree species were retained along the ROW where feasible. Select shrubs, especially those adjacent to wetlands, also remain in</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&amp;M plan. Provide as much buffer as possible for homeowners. 10/19/07</p>	<p>NA</p>

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<p>Milford and Orange, CT</p> <p>Woodbridge, CT</p> <p>JCC</p> <p>B'Nai Jacob</p> <p>Hamden, CT</p>	<p>most areas. 10/19/07</p> <p>Soils remain exposed as a result of grounding activities. 10/19/07</p> <p>Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 10/19/07</p> <p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 10/19/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 10/19/07</p> <p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 10/19/07.</p> <p>The overhead access road off Old Lane Road has been stabilized with stone. Hydroseed was applied to exposed soils. 10/19/07</p>	<p>Exposed soils should be seeded and mulched. Continue to monitor until stabilization is achieved. 10/19/07</p> <p>Continue to monitor until stabilization is achieved. 10/19/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 10/19/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 10/19/07</p> <p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 10/19/07</p> <p>Continue to monitor until stabilization is achieved. 10/19/07</p>	<p>Needs attention</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p> <p>NA</p> <p>Continue stabilization efforts</p> <p>NA</p>
<p>Dewatering</p> <p>Milford, CT</p> <p>Naugatuck Ave, Caswell St, and Plains Rd</p>	<p>Dewatering basins remain in place at new and propose drilling sites in these sections. Dewatering is complete at this time in all other sections. 10/19/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 10/19/07</p>	<p>Dewatering containment areas were installed proactively.</p>



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Orange, CT	sections. 10/19/07 Dewatering basins remain for 345kV foundation work. 10/19/07	Continue to monitor. 10/19/07	Dewatering basins were installed proactively for 345kV foundation work
Woodbridge, Bethany, and Hamden CT	Dewatering activities appear to be complete in these sections at this time 10/19/07	None at this time. 10/19/07	NA
Blasting	No blasting is proposed at this time. 10/19/07	None. 10/19/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 10/19/07	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. 10/19/07	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. 1/18-10/19/07	Noted for the record. 1/18-10/19/07	NA

**Next likely scheduled inspection:**

Friday October 26, 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



West River St (Milford): Pad Reclamation is complete at proposed structure #24023. Controls are in place.



West River St: Restoration efforts are complete at structure #3836.



JCC (Woodbridge): Silt fence is in need of repair along the wetland boundary here.



Litchfield Turnpike (Bethany): Haybale check dams have been installed along the access road to slow and filter stormwater flow, but further attention is needed here.



Gaylord Mtn Rd (Hamden): Sediment has been removed from the stone trap and a new line of haybales was installed.



Brooksvale Ave (Hamden): Sediment has been removed from the sediment trap and the haybale line has been extended here.



Brooksvale Ave (Hamden): A view of the wetland crossing at wetland #100. Sediment migration from the access road is not an issue at this crossing.



Willow St (Hamden): Silt fence has been installed along Willow Brook.