

**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 5, 2007

**Inspector:** Matt Kelly

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

**Rainfall:** 0.00” of precipitation was recorded in the week since the last inspection. (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. 10/5/07	Continue to monitor active work areas and add controls as necessary. See EC section. 10/5/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 10/5/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/5/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 10/5/07	Continue to monitor. 10/5/07	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) was provided at those catch basins located immediately adjacent to the constructed access roads. 10/5/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 10/5/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Ln (Hamden, CT)	“Gutter Buddies” have been removed from the CBs located adjacent to the access road here. 10/5/07	Replace and maintain curb drop inlet protection in this area. 10/5/07	Needs proactive attention
<p>Foundation and site construction</p> <p>Milford, Orange, and Woodbridge CT</p> <p>Bethany, and Hamden CT</p>	<p>115-kV foundation work continues within the ROW off Naugatuck Ave and Caswell St in Milford. No active work this week. Foundation work and structure installation appear to be complete in all other sections at this time. 10/5/07</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). 10/5/07</p> <p>115-kV foundation work and structure installation appear to be complete in these sections at this time. 10/5/07</p>	<p>Continue to monitor active work areas. See EC Section. 10/5/07</p> <p>Continue to monitor. See EC and Stabilization Sections. 10/5/07</p> <p>Continue to monitor active work areas. See EC Section. 10/5/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
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. 10/5/07	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 10/5/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford, CT	Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 10/5/07	Continue to monitor. See Stabilization section. 10/5/07	Pad reclamation is complete in most areas and exposed soils have been mulched and graded
Orange, CT Hall Drive	Pad reclamation activities have begun in this section. Additional erosion controls are needed along the wetland boundary here. 10/5/07	Continue to monitor. Additional erosion controls are recommended along the wetland boundary here. 10/5/07	Needs attention
Ridge Rd., Lambert Rd., Sunset Dr., Edward Ct., Racebrook Rd., Russell Ave., Overland Dr., Dogwood Rd., Hunting Hill Rd., Hunting Hill Place, and Saddle Ridge Rd.	Pad reclamation is complete in these sections at this time. Exposed soils have been graded and mulched. 10/5/07	Continue to monitor. See Stabilization section. 10/5/07	Pad reclamation is complete and exposed soils have been mulched and graded
Woodbridge, CT Glen Dam Reservoir	Sediment has accumulated in the stone sediment traps here (8/2/07) and waterbars are no longer functional. 10/5/07	Sediment should be removed from the stone traps in order to maintain proper function. Stormwater will not be filtered properly if traps become overwhelmed with sediment. Repair waterbars. 10/5/07	Needs attention
	Exposed soils remain on the slope adjacent to structure #3950. 8/24/-10/5/07	Exposed soils should be seeded and mulched when feasible. 10/5/07	Needs attention
JCC	Silt fence is in need of repair near structure #24119. Sediment was noted in the dry stream channel here. 8/7-10/5/07	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. 10/5/07	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Bethany, CT</b> Litchfield Turnpike</p>	<p>Uncontained spoil piles were noted upgradient from the wetland in this section. 8/7-10/5/07</p> <p>Sediment has migrated down slope from the access road and into wetland #119 near structure #3961 and #24148. 9/28-10/5/07</p>	<p>Spoil piles should be contained within silt fence and/or haybales or covered with plastic until removed from the site. 8/7-10/5/07</p> <p>Install controls to redirect and filter stormwater runoff. Sediment should be cleaned from timber mats as soon as possible. Remove sediment from wetland when mats are lifted. 10/5/07</p>	<p>Needs attention</p> <p>Needs attention</p>
<p><b>Hamden, CT</b> Tom Swamp Rd/Arrow Rd</p>	<p>Temporary culverts are in place within the access roads here. Stone sediment traps and haybale check dams remain at the outlets. Sediment accumulation was removed from the stone trap at the 2<sup>nd</sup> culvert outlet off Tom Swamp (east) and remains piled on top of the stone sediment trap. 7/6-10/5/07</p>	<p>Continue to monitor and add/maintain controls as necessary and avoid piling sediment on top of the stone sediment trap. 10/5/07</p>	<p>Proper controls are in place but still needs attention</p>
<p>West Todd Street/ Gaylord Mountain</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. 10/5/07</p> <p>A gap remains in the haybale line at the culvert outlet off West Todd (east) (first noted 4/20/07). Sediment within the stone trap has</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. 10/5/07</p> <p>Repair and reinforce controls. Carefully remove sediment from wetland if it is greater than 2” in depth. Although sediment</p>	<p>Good efforts were made but needs additional evaluation/monitoring</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Willow Street</p> <p>Old Lane Road</p>	<p>begun to stabilize with vegetation. Some sediment remains in the adjacent wetland from previous rain events (first noted 4/20/07). 10/5/07</p> <p>A length of culvert pipe remains in the wetland here. 10/5/07</p> <p>Additional controls are needed along Willow Brook at structure #4009. Spoils from foundation/grounding work remain on some of the timber mats here. 9/21-10/5/07</p> <p>Sediment continues to migrate into wetland #94 during rain events (first noted 9/14). Additional controls were being installed during the inspection this week. 10/5/07</p>	<p>within the stone trap has stabilized with vegetation it should be removed when feasible to maintain proper function. 10/5/07</p> <p>The culvert pipe should be removed from the wetland area when feasible. 10/5/07</p> <p>Remove spoils from timber mats at structure #4009. Install additional erosion controls along Willow Brook and stabilize disturbed soils. 10/5/07</p> <p>Additional controls are needed to slow and filter sediment along the access road from structure #4012 to #4013. 10/5/07</p>	<p>Needs attention</p> <p>Needs attention</p> <p>Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p><b>Milford, CT</b></p> <p>Rt 121 and Oronoque Rd</p> <p>West River Street and Eisenhower Park</p>	<p>The ACOE permit is in hand and approved wetland work continues. 10/5/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 10/5/07</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. 10/5/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 10/5/07</p> <p>Continue to monitor. and add controls as necessary. 10/5/07</p> <p>Continue to monitor and add controls as necessary. 10/5/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Eisenhower Park	The proposed wetland mitigation area has been staked/delineated along the Wepawaug River. 10/5/07	Continue to monitor and add controls as necessary. 10/5/07	NA
East Rutland Road (western access point)	A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 10/5/07	Continue to monitor. Install controls as necessary. 10/5/07	NA at this time
<b>Orange, CT</b>  Sunset Drive, Pine Tree Rd (east), Treat Lane, Lambert Rd, Russell Ave, Hunting hill Road, Racebrook Rd, and Route 34	Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 10/5/07	Continue to monitor. 10/5/07	NA at this time.
Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 10/5/07	Continue to monitor. 10/5/07	NA at this time
<b>Woodbridge, CT</b>  Pease Road/JCC/B'Nai Jacob	Mats remain in the potential wetland area near Pease Road. 10/5/07	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. 10/5/07	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. 10/5/07	Continue to monitor. Adjust controls as necessary. 10/5/07	NA at this time
	Sediment was noted in the stream channel near structure #24119 at the JCC. Uncontained spoil piles were also noted upgradient from the wetland in this section	Continue to monitor. Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte15</p> <p><b>Bethany, CT</b></p> <p>Morris to Hatfield</p> <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>wetland in this section. 8/7-10/5/07</p> <p>Timber mat crane pads remain within the wetlands in these sections. 10/5/07</p> <p>A stone access road and timber mats have been constructed/installed in the wetland areas in this section. 10/5/07</p> <p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 10/5/07</p> <p>Sediment was noted in wetland #94 again this week (first noted 9/14/07). 10/5/07</p> <p>Turbid water was noted in the wetland across from the overhead access road during previous inspections (during 115-kV underground work). 10/5/07</p>	<p>season if it is greater than 2” in depth. See EC Section. 10/5/07</p> <p>Continue to monitor. 10/5/07</p> <p>Continue to monitor. 10/5/07</p> <p>Continue to monitor. 10/5/07</p> <p>Continue to monitor. Add controls as necessary to prevent further sedimentation to the wetland here. 10/5/07</p> <p>Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 10/5/07</p>	<p>NA at this time</p> <p>NA at this time</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. 10/5/07</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. 4/5-10/5/07</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>Vegetative clearing was noted within the ROW. Most species were</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>All active roads (all towns)</p> <p><b>Milford , CT</b></p> <p><b>Orange, CT</b></p> <p><b>Woodbridge, CT</b></p> <p>JCC</p> <p>B'Nai Jacob</p> <p><b>Hamden CT</b></p>	<p>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. 10/5/07</p> <p>Disturbed soils from Grounding activities are being left exposed. 10/5/07</p> <p>Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 10/5/07</p> <p>Crane pad reclamation and restoration work appears to be complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 10/5/07</p> <p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 10/5/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 10/5/07</p> <p>Brush from clearing activities was observed in the wetland near structure #3993. 8/14-10/5/07</p>	<p>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. 10/5/07</p> <p>Exposed soils should be stabilized with mulch and seeded. 10/5/07</p> <p>Continue to monitor until stabilization is achieved. 10/5/07</p> <p>Continue to monitor until stabilization is achieved. 10/5/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 10/5/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 10/5/07</p> <p>Carefully remove brush from the wetland area when feasible. 10/5/07</p>	<p>Needs attention</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p> <p>NA</p> <p>NA</p> <p>Needs attention</p>



Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 10/5/07.</p> <p>The overhead access road off Old Lane Road has been stabilized with stone. Hydroseed was applied to exposed soils. 10/5/07</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 10/5/07</p> <p>Continue to monitor until stabilization is achieved. 10/5/07</p>	<p>Continue stabilization efforts</p> <p>NA</p>
<p>Dewatering</p> <p><b>Milford, CT</b></p> <p>Naugatuck Ave, Caswell St, and Plains Rd</p> <p><b>Orange, CT</b></p> <p><b>Woodbridge, Bethany, and Hamden CT</b></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. 10/5/07</p> <p>Dewatering basins have been installed proactively for 345kV foundation work. 10/5/07</p> <p>Dewatering activities appear to be complete in these sections at this time 10/5/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 10/5/07</p> <p>Continue to monitor. 10/5/07</p> <p>None at this time. 10/5/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>Dewatering basins have been installed proactively for 345kV foundation work</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 10/5/07</p>	<p>None. 10/5/07</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. 10/5/07</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. 10/5/07</p>	<p>NA</p>
<p>Additional Observations</p>	<p>Non-project related activity was noted within the ROW off Sunset Dr. A trench was dug near</p>	<p>Noted for the record. 1/18-10/5/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18-10/5/07		

**Next likely scheduled inspection:** Friday October 12, 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 and access road upgrades are complete in this area.



West River St: Pad reclamation is complete and proper controls are in place.



West River St: The timber mat crane pad has been removed and exposed soils have been graded, mulched and seeded at structure # 3838.



Eisenhower Park (Milford): A view of the proposed wetland mitigation site. Wetland boundary stakes are in place.