

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: December 7, 2007

Inspector: Matt Kelly

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

Rainfall: 0.59” of precipitation were recorded in the week since the last inspection with 0.46” of the total reported on 12/3. (NOAA data at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Clearing and access road construction appear to be complete in these sections at this time. 12/7/07	Continue to monitor active work areas and add controls as necessary. See EC section. 12/7/07	Not Applicable (NA)
Milford, CT, Orange CT, Woodbridge CT, Bethany CT, and Hamden CT	Stone pads remain in place at all entrances to access roads. 12/7/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 12/7/07	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 12/7/07	Continue to monitor. 12/7/07	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. 12/7/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 12/7/07	NA
Milford, CT Caswell St/Bic Dr	Sediment tracking from overhead construction vehicles using overhead	Stabilize the remaining access roads with stone pads and/or provide catch	A stone pad was installed at the main ROW access point but

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East Rutland	<p>and underground access roads was observed on the roadway. Catch basin protection is not provided here. 11/8-12/7/07</p> <p>Tracking from the overhead ROW access was observed in the roadway. 12/7/07</p>	<p>basin protection and/or block access to entrances with no stone pads and sweep the roadway as necessary. 12/7/07</p> <p>Continue to monitor. Sweep roadways as necessary. 12/7/07</p>	<p><i>further attention is needed</i></p> <p>Needs attention</p>
<p>Foundation and site construction All sections</p> <p>Milford, Orange, and Woodbridge CT</p> <p>Milford, CT</p> <p>Orange, CT</p> <p>Woodbridge, CT</p>	<p>H- frame structure and lattice tower removal continues in all sections. 12/7/07</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) in these sections. 12/7/07</p> <p>115-kV foundation work appears to be complete at this time within the ROW. off Naugatuck Ave Caswell St, and Shelland St in Milford. 12/7/07</p> <p>345-kV foundation work continues off Plains Rd , Oronoque Rd., Lexington Way, E. Rutland, Wheelers Farm Rd. and within Eisenhower Park. 12/7/07</p> <p>345-kV foundation work continues off Ridge Rd. 12/7/07</p> <p>345-kV foundation work continues off the Pease Road/JCC section at this time. Structure installation continues. 12/7/07</p> <p>Foundation work and</p>	<p>Continue to monitor. 12/7/07</p> <p>Continue to monitor. See EC and Stabilization Sections. 12/7/07</p> <p>Continue to monitor. See EC Section. 12/7/07</p> <p>Continue to monitor active work areas. See EC Section. 12/7/07</p> <p>Continue to monitor active work areas. See EC Section. 12/7/07</p> <p>Continue to monitor active work areas. See EC Section. 12/7/07</p> <p>None at this time. 12/7/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden, CT	<p>structure installation appear to be complete in all other sections at this time. 12/7/07</p> <p>Pre-foundation holes are being drilled from Downs Rd (Bethany) to Gaylord Mtn. Rd. 12/7/07</p>	Continue to monitor active work areas. See EC Section. 12/7/07	NA
<p>Erosion and sediment controls</p> <p>Milford & Orange, CT</p> <p>Wheeler's Farm Rd</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. 12/7/07</p> <p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 12/7/07</p> <p>Spoil piles remain within the ROW off Caswell St, Plains Rd, Oronoque Rd and E. Rutland Rd in Milford. Piles appear to be contained on site. 12/7/07</p> <p>Spoils are being removed from wetland areas and stored in upland areas within the ROW off Oronoque Rd and within Eisenhower Park. Proper controls are in place. 12/7/07</p> <p>Spoil piles were observed in the wetland buffer here. Erosion controls were not present. 12/7/07</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 12/7/07</p> <p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 12/7/07</p> <p>Remove spoil piles when feasible. 12/7/07</p> <p>Continue to monitor and adjust controls as necessary. 12/7/07</p> <p>Install the appropriate controls to contain spoils and remove piles from the buffer zone as soon as</p>	<p>NA</p> <p>NA</p> <p>Needs attention when feasible</p> <p>NA</p> <p>Needs attention</p>

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<p>Woodbridge, CT Glen Dam Reservoir</p> <p>Rimmon Rd</p> <p>JCC</p>	<p>were not present. 12/7/07</p>	<p>buffer zone as soon as possible. 12/7/07</p>	
	<p>Exposed soils remain on the slope adjacent to structure #3950. 8/24-12/7/07</p>	<p>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 12/7/07</p>	<p>Needs attention when feasible</p>
	<p>A new timbermat crane pad was installed at proposed structure #24105. The pad is located adjacent/in a tributary stream of Race Brook. 12/7/07</p>	<p>Additional erosion controls are recommended here. 12/7/07</p>	<p>Needs attention</p>
	<p>Sediment was noted in the dry stream channel near structure #24119 (8/7/07). Sediment accumulation does not appear to have increased. 12/7/07</p>	<p>Continue to evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2” in depth. 12/7/07</p>	<p>Needs evaluation</p>
	<p>Spoil piles remain within the ROW near structure #3932. Piles appear to be contained on site. 11/8-12/7/07</p>	<p>Remove spoil piles when feasible. 12/7/07</p>	<p>Needs attention when feasible</p>
<p>Exposed soils and equipment ruts were observed in the wetland buffer near the JCC parking lot (North). 11/30-12/7/07</p>	<p>Exposed soils/ruts should be graded and mulched. Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 12/7/07</p>	<p>Needs attention</p>	

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<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p> <p>Brooksvale Ave</p> <p>Willow Street</p>	<p>Equipment ruts and exposed soils have been graded and temporarily stabilized at the southern end of the JCC parking lot near structures 3931/24118. The silt fence should be extended in this area. 12/7/07</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. 12/7/07</p> <p>Some sediment remains in the wetland area located to the southwest of structure #3992. 10/26-12/7/07</p> <p>Excess sediment has accumulated on the timber mat crossing within the access road here. Sediment has seeped through the mats and into wetland #100. 11/16-12/7/07</p> <p>Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-12/7/07</p>	<p>Continue to monitor until final stabilization is achieved and adjust controls as necessary. Extend the silt fence to prevent further sediment migration into the parking lot. 12/7/07</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 on-site containment. 12/7/07</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 12/7/07</p> <p>Continue to monitor. Controls should be installed to prevent further sedimentation to the wetlands. See Wetlands Section. 12/7/07</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats. 12/7/07</p>	<p>Equipment ruts and exposed soils have been graded and temporarily stabilized <i>but further attention is needed</i></p> <p>Good efforts were made but <i>needs additional evaluation/monitoring</i></p> <p>Needs evaluation</p> <p>Needs attention/evaluation</p> <p>Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The ACOE permit is in hand and approved wetland work continues. 12/7/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 12/7/07</p>	<p>NA</p>

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<p>Milford, CT</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>Timber mat crane pads remain adjacent to/in wetlands in these sections. 12/7/07</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. 12/7/07</p> <p>Construction of the wetland mitigation area along the Wepawaug River at Eisenhower Park appears to be complete at this time. 12/7/07</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 12/7/07</p>	<p>Continue to monitor and add controls as necessary. 12/7/07</p> <p>Continue to monitor and add controls as necessary. 12/7/07</p> <p>Continue to monitor until final stabilization is achieved and add controls as necessary. 12/7/07</p> <p>Continue to monitor. Install controls as necessary. 12/7/07</p>	<p>NA at this time</p> <p>NA at this time</p> <p>NA</p> <p>NA at this time</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>Clearview Lane to Rt 15</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. 12/7/07</p> <p>Stone access roads and timber mat crossings remain in the wetland areas here. 12/7/07</p> <p>Two pieces of equipment were observed within 100 feet of a wetland near structure #3903. 12/7/07</p>	<p>Continue to monitor. 12/7/07</p> <p>Continue to monitor. 12/7/07</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. Place spill kits beneath stationary equipment for</p>	<p>NA at this time.</p> <p>NA at this time</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT Pease Road</p> <p>JCC/B'Nai Jacob</p> <p>Rimmon Road</p>	<p>Mats remain in the potential wetland area here. 12/7/07</p>	<p>leak and spill protection. 12/7/07</p>	
	<p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-12/7/07</p>	<p>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. 12/7/07</p>	<p>NA at this time</p>
	<p>Disassembled lattice tower/"H" frame structures remain in the wetland near the north end of the JCC parking lot. 12/7/07</p>	<p>Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary to access a wetland. 12/7/07</p>	<p>Needs attention</p>
	<p>The wetland areas near the JCC and B'Nai Jacob have been cleared as a result of the permitted relocation of the ROW. Stone access roads remain in portions of the wetlands in these sections. 12/7/07</p>	<p>Remove these structures from the wetlands when feasible. 12/7/07</p>	<p>Needs attention</p>
	<p>Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 12/7/07</p>	<p>Continue to monitor. Adjust controls as necessary. 12/7/07</p>	<p>NA at this time</p>
	<p>A new timbermat crane pad was installed adjacent/in a tributary stream of Race Brook, near structure #24105. 12/7/07</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. 12/7/07</p>	<p>Needs evaluation</p>
<p>Timber mat crane pads remain within the wetlands in these sections</p>	<p>Continue to monitor. 12/7/07</p>	<p>NA at this time</p>	

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Oak Lane CC, Cow Path Lane, Salem Rd, Rimmon Rd, Brookwood Dr, Center Rd, Ansonia Rd, Manville Rd and Clear Ln to Rte 15	wetlands in these sections. 12/7/07	Continue to monitor. 12/7/07	NA at this time
Bethany, CT	A stone access road and timber mats are in place in the wetland areas in this section. 12/7/07	Continue to monitor. 12/7/07	NA
Morris to Hatfield	Excess sediment has accumulated on the timber mat crossings		
Litchfield Turnpike	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 #114 (between structure #3966 and #3967). 10/12-12/7/07	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 12/7/07	Needs evaluation/attention
Hamden, CT	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 12/7/07	Continue to monitor. 12/7/07	NA at this time
West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd	Excess sediment has accumulated on the timber mat crossing within the access road here. Sediment has seeped through the mats and into wetland #100. 11/16-12/7/07	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 12/7/07	Needs evaluation/attention
Brooksvale Ave	Sediment remains in wetland #94. 10/5-12/7/07		
Old Lane Road	Sediment accumulation was evaluated in a portion	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. 12/7/07	Needs evaluation/attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
115-kV underground transmission line Old Lane Road	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). 12/7/07	Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2’ in depth. 12/7/07	Needs further evaluation
State species of concern, threatened and endangered species.	According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 12/7/07	Wood turtles are dormant from November 1 st to April 1 st and therefore will not be disturbed when construction occurs during these months. If active work continues/resumes 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. 12/7/07	NA at this time
Vegetative clearing or stabilization All active roads (all towns)	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. 12/7/07 Soils remain exposed as a result of grounding activities. 10/5-12/7/07	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. 12/7/07 Exposed soils should be seeded and mulched. Continue to monitor until stabilization is achieved. 12/7/07	NA Needs attention
Milford and Orange, CT	Wood chip piles remain in the ROW off Russell Ave	Wood chip piles should be removed from the ROW or	Needs attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Woodbridge, CT JCC B'Nai Jacob</p> <p>Hamden, CT Gaylord Mtn Rd/West Todd St</p> <p>Old Lane Road</p>	<p>in Orange. 12/7/07</p> <p>Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 12/7/07</p> <p>Hydro-seed was applied to disturbed areas. 12/7/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. 12/7/07</p> <p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 12/7/07.</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 12/7/07</p>	<p>spread in appropriate upland areas to a depth of 3" or less. 12/7/07</p> <p>Continue to monitor until stabilization is achieved. 12/7/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 12/7/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 12/7/07</p> <p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 12/7/07</p> <p>Continue to monitor until stabilization is achieved. 12/7/07</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 Milford, CT Naugatuck Ave, Caswell St, Plains Rd, and Oronoque Rd</p> <p>Orange, CT</p> <p>Woodbridge, Bethany, and</p>	<p>Dewatering basins remain in place at new and proposed drilling sites in these sections. Dewatering is complete at this time in all other sections. 12/7/07</p> <p>Dewatering basins remain for 345kV foundation work. 12/7/07</p> <p>Dewatering basins remain for 345kV foundation</p>	<p>Continue to monitor active areas and adjust controls as necessary. 12/7/07</p> <p>Continue to monitor. 12/7/07</p> <p>None at this time. 12/7/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hamden CT	work. 12/7/07		
Blasting	No blasting is proposed at this time. 12/7/07	None. 12/7/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 12/7/07	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. 12/7/07	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. 1/18-12/7/07	Noted for the record. 1/18-12/7/07	NA

Next likely scheduled inspection: Friday December 14, 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



East Rutland (Milford): The foundation has been installed for Structure #24015. Spoils remain contained onsite. Foundation work continues at proposed structure #24014 (seen in the distance).



Eisenhower Park (Milford): Foundation work is complete at structure #24029.



Eisenhower Park: Foundation work is complete at structure #24028. Controls remain intact.



Rimmon Rd (Woodbridge): A timbermat crane pad has been installed at proposed structure #24105. The pad is adjacent/in a tributary of Race Brook. It is recommended that the work area be enclosed with erosion controls.



Rimmon Rd: Additional view of the crane pad/ stream.



Pease Rd/JCC (Woodbridge): The ruts have been graded and exposed soils have been temporarily stabilized near structures #3931/24118. The silt fence should be extended in this area.