

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 20, 2007

Inspector: Matt Kelly

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

Rainfall: 0.68” of precipitation were recorded in the week since the last inspection with 0.58” of the total reported on 12/16. (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. 12/20/07	Continue to monitor active work areas and add controls as necessary. See EC section. 12/20/07	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. 12/20/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 12/20/07	Active areas need regular attention
All access roads	Mats remain at the wetland crossings in these sections. 12/20/07	Continue to monitor. 12/20/07	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. 12/20/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 12/20/07	NA
Milford, CT Caswell St/Bic Dr	All access points (overhead & underground) have been	Continue to monitor and sweep roadway as necessary. If sediment	The remaining access points (overhead & underground) have been

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	stabilized with stone pads, but the adjacent catch basin is still not protected. 12/14-12/20/07.	tracking continues, catch basin protection should be provided. 12/20/07	stabilized with stone pads
<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. 12/20/07</p> <p>115-kV foundation work appears to be complete within the ROW at this time. 12/20/07</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. 12/20/07</p> <p>345-kV foundation work and structure installation appears complete off Plains Rd, Oronoque Rd., Lexington Way, and E. Rutland Rd.</p> <p>Foundation work and structure installation continues off Wheelers Farm Rd, Eisenhower Park, and West River St. 12/20/07</p> <p>345-kV foundation work appears complete off Ridge Rd and continues off Treat Ln. 12/20/07</p> <p>345-kV foundation work and structure installation continues in the Pease Rd/JCC and Rimmon Rd/B'Nai Jacob sections at this time. 12/20/07</p>	<p>Continue to monitor. 12/20/07</p> <p>None at this time. See EC Section. 12/20/07</p> <p>Continue to monitor. See EC and Stabilization Sections. 12/20/07</p> <p>Continue to monitor active work areas. See EC Section. 12/20/07</p> <p>Continue to monitor. See EC Section. 12/20/07</p> <p>Continue to monitor active work areas. See EC Section. 12/20/07</p> <p>Continue to monitor active work areas. See EC Section. 12/20/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

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Hamden, CT	Pre-foundation holes are being drilled from Downs Rd (Bethany) to Gaylord Mtn. Rd. 12/20/07	Continue to monitor active work areas. See EC Section. 12/20/07	NA
Erosion and sediment controls Milford & Orange, Woodbridge, CT	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. 12/20/07	None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 12/20/07	NA
	Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 12/20/07	Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 12/20/07	NA
	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. 12/20/07	Remove spoil piles when feasible. 12/20/07	Needs attention when feasible
	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. 12/20/07	Continue to monitor and adjust controls as necessary. 12/20/07	NA
Wheelers Farm Rd	Spoils remain piled in the wetland buffer, but they are now contained within haybale controls. 12/20/07	Remove spoil piles from the buffer zone when feasible. Add controls as necessary. 12/20/07	Spoils have been contained with haybales
	Silt fence is in need of repair at structure #24016. 12/14-12/20/07	Repair and maintain controls as necessary. 12/20/07	Needs attention

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West River St	Silt fence is in need of repair at structures #24023 & #24025. 12/14-12/20/07	Repair and maintain controls as necessary. 12/20/07	Needs attention
Woodbridge, CT Glen Dam Reservoir	Exposed soils remain on the slope adjacent to structure #3950. 8/24-12/20/07	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. 12/20/07	Needs attention when feasible
Pease Rd	The waterbar located at the entrance of the access road is no longer functional. Stormwater has begun to erode the access road and turbid water was observed flowing off site. 12/20/07	Replace/repair waterbar and add catch basin protection down gradient of the ROW access, on Pease road. 12/20/07	Needs attention
JCC	Sediment was noted in the dry stream channel near structure #24119 (8/7/07). Sediment accumulation does not appear to have increased. 12/20/07	Continue to evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. 12/20/07	Needs evaluation
	Spoil piles remain within the ROW near structure #3932. Piles appear to be contained on site. 12/14/07	Remove spoil piles when feasible. 12/14/07	Needs attention when feasible
	Exposed soils and equipment ruts were observed in the wetland buffer near the JCC parking lot (North). 11/30-12/20/07	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. 12/20/07	Needs attention

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<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p> <p>Brooksvale Ave</p> <p>Willow Street</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. 12/20/07</p> <p>Some sediment remains in the wetland area located to the southwest of structure #3992. 12/20/07</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. 11/16-12/20/07</p> <p>Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-12/20/07</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. 12/20/07</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 12/20/07</p> <p>Continue to monitor. Controls should be installed to prevent further sedimentation to the wetlands. See Wetlands Section. 12/20/07</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats. 12/20/07</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>Milford, CT</p> <p>Naugatuck Ave, 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. 12/20/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 12/20/07</p> <p>A stone access road remains within the wetland accessed from West River Street. Timber</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 12/20/07</p> <p>Continue to monitor and add controls as necessary. 12/20/07</p> <p>Continue to monitor and add controls as necessary. 12/20/07</p>	<p>NA</p> <p>NA at this time</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>East Rutland Road (western access point)</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>Woodbridge, CT</p> <p>Pease Road</p>	<p>mat crane pads remain within the wetland areas in these sections. 12/20/07</p>		
	<p>Construction of the wetland mitigation areas along the Wepawaug River at Eisenhower Park appears to be complete at this time. 12/20/07</p>	<p>Continue to monitor for stabilization and add controls as necessary. 12/20/07</p>	<p>NA</p>
	<p>Equipment ruts were observed in the wetland near structure #24023. 12/14-12/20/07</p>	<p>Fill and stabilize ruts with appropriate material. 12/20/07</p>	<p>Needs attention</p>
	<p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 12/20/07</p>	<p>Continue to monitor. Install controls as necessary. 12/20/07</p>	<p>NA at this time</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. 12/20/07</p>	<p>Continue to monitor. 12/20/07</p>	<p>NA at this time.</p>
	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 12/20/07</p>	<p>Continue to monitor. 12/20/07</p>	<p>NA at this time</p>
<p>Mats remain in the potential wetland area here. 12/20/07</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. 12/20/07</p>	<p>NA at this time</p>	
<p>Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-12/20/07</p>	<p>Fill and stabilize ruts with appropriate material. In general timber mats (or similar) should be used when it becomes necessary</p>	<p>Needs attention</p>	

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JCC/B'Nai Jacob	Disassembled lattice tower/"H" frame structures have been removed from the wetland near the north end of the JCC parking lot. 12/20/07	when it becomes necessary to access a wetland. 12/20/07 None at this time. 12/20/07	Disassembled lattice tower/"H" frame structures have been removed from the wetland
	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. 12/20/07	Continue to monitor. Adjust controls as necessary. 12/20/07	NA at this time
	Sediment was noted in the stream channel near structure #24119 at the JCC (8/7/07). No further accumulation has been observed. 12/20/07	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. 12/20/07	Needs evaluation
	Disassembled lattice tower/"H" frame structures have been removed from the wetland near structure #24110. 12/20/07	Continue to monitor. 12/20/07	Disassembled lattice tower/"H" frame structures have been removed
Rimmon Rd	A timbermat crane pad (installed 12/7/07) remains adjacent to/within a tributary stream of Race Brook near structure #24105. 12/20/07	Continue to monitor. 12/20/07	NA
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. 12/20/07	Continue to monitor. 12/20/07	NA at this time

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<p>Bethany, CT</p> <p>Morris to Hatfield</p> <p>Litchfield Turnpike</p>	<p>A stone access road and timber mats are in place in the wetland areas in this section. 12/20/07</p> <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 #114 (between structure #3966 and #3967). 12/20/07</p>	<p>Continue to monitor. 12/20/07</p> <p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 12/20/07</p>	<p>NA</p> <p>Needs evaluation/attention</p>
<p>Hamden, CT</p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p> <p>Brooksvale Ave</p> <p>Old Lane Road</p> <p>115-kV underground transmission line Old Lane Road</p>	<p>Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 12/20/07</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. 11/16-12/20/07</p> <p>Sediment remains in wetland #94. 10/5-12/20/07</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</p>	<p>Continue to monitor. 12/20/07</p> <p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 12/20/07</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. 12/20/07</p> <p>Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in</p>	<p>NA at this time</p> <p>Needs evaluation/attention</p> <p>Needs evaluation/attention</p> <p>Needs further evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT	Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 12/20/07	Continue to monitor until stabilization is achieved. 12/20/07	Disturbed soils are being graded and mulched for temporary stabilization
JCC	Hydro-seed was applied to disturbed areas. 12/20/07	Continue to monitor for stabilization. Re-seed if necessary. 12/20/07	NA
B'Nai Jacob	Disturbed areas were seeded and mulched for temporary stabilization. 12/20/07	Continue to monitor for stabilization. Re-seed if necessary. 12/20/07	NA
Hamden, CT	Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 12/20/07	Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 12/20/07	Continue stabilization efforts
Gaylord Mtn Rd/West Todd St			
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 12/20/07	Continue to monitor until stabilization is achieved. 12/20/07	NA
Dewatering			
Milford, CT Naugatuck Ave, Caswell St, Plains Rd, and Oronoque Rd	Dewatering basins remain in place at new and proposed drilling sites in these sections. 12/20/07	Continue to monitor active areas and adjust controls as necessary. 12/20/07	Dewatering containment areas were installed proactively.
Eisenhower Park and West River Street	Frac tanks are in place for dewatering in these sections. 12/20/07	Continue to monitor. 12/20/07	NA
Orange, Woodbridge, Bethany, and Hamden CT	Dewatering basins remain for 345kV foundation work. 12/20/07	Continue to monitor. 12/20/07	NA
Blasting	No blasting is proposed at this time. 12/20/07	None. 12/20/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St.	In general, store materials and equipment	NA

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<p>Milford/ Orange, CT Wheeler Farm Rd, West River St, Eisenhower Park and Rimmon Rd</p>	<p>in Milford. See segment 3 report. 12/20/07</p> <p>Equipment such as drill rigs, a crane, boom trucks, a dozer, and a generator, was observed parked on timbermats in wetlands and/or within 100 feet from wetlands in these areas. 12/14-12/20/07</p>	<p>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. 12/20/07</p> <p>In general, all construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. Monitor for leaks and remove equipment from wetland areas as soon as possible. 12/20/07</p>	<p>Needs attention</p>
<p>Additional Observations</p>	<p>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. 1/18-12/20/07</p>	<p>Noted for the record. 1/18-12/20/07</p>	<p>NA</p>

Next likely scheduled inspection:

Friday January 4, 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): Foundation drilling continues in this area.



Rimmon Rd (Woodbridge): A "fiber roll" has been installed along the crane timbermat at proposed structure #24105.



Pease Rd (Woodbridge): The waterbar, located at the access off Pease Rd, is no longer functional.



Pease Rd: Stormwater has begun to erode the access road. Turbid water was observed flowing off site.