

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 30, 2007

Inspector: Matt Kelly

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

Rainfall: 0.15” of precipitation were recorded in the week since the last inspection with 0.09” of the total reported on 11/27. (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. 11/30/07	Continue to monitor active work areas and add controls as necessary. See EC section. 11/30/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 11/30/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 11/30/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 11/30/07	Continue to monitor. 11/30/07	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. 11/30/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 11/30/07	NA
Milford, CT	Sediment tracking from overhead construction	Stabilize the remaining overhead access roads with	A stone pad was installed at the main

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Caswell St/Bic Dr	vehicles using overhead and underground access roads was observed on the roadway. Catch basin protection is not provided. 11/8-11/30/07	stone pads and/or provide catch basin protection and sweep the roadway as necessary. 11/30/07	ROW access point but <i>further attention is needed</i>
Foundation and site construction All sections	H- frame structure and lattice tower removal continues in all sections. 11/30/07	Continue to monitor. 11/30/07	NA
Milford, Orange, and Woodbridge CT	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. 11/30/07	Continue to monitor. See EC and Stabilization Sections. 11/30/07	NA
Milford, CT	115-kV foundation work appears to be complete at this time within the ROW off Naugatuck Ave Caswell St, and Shelland St in Milford. 11/30/07	Continue to monitor. See EC Section. 11/30/07	NA
	345-kV foundation work continues off Plains Rd and Oronoque Rd, and has begun off Lexington Way, E. Rutland Rd, Wheelers Farm Rd. and within Eisenhower Park. 11/30/07	Continue to monitor active work areas. See EC Section. 11/30/07	NA
Orange, CT	345-kV foundation work has begun off Ridge Rd. 11/30/07	Continue to monitor active work areas. See EC Section. 11/30/07	NA
Woodbridge, CT	345-kV foundation work continues off the Pease Road/JCC section at this time. Structure installation continues. 11/30/07	Continue to monitor active work areas. See EC Section. 11/30/07	NA
	Foundation work and structure installation appear to be complete in	None at this time. 11/30/07	NA

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Hamden, CT	<p>all other sections at this time. 11/30/07</p> <p>Pre-foundation holes are being drilled from Downs Rd (Bethany) to Gaylord Mtn. Rd. 11/30/07</p>	Continue to monitor active work areas. See EC Section. 11/30/07	NA
<p>Erosion and sediment controls</p> <p>Milford & Orange, CT</p> <p>Woodbridge, CT</p> <p>Glen Dam Reservoir</p> <p>JCC</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. 11/30/07</p> <p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 11/30/07</p> <p>Spoil piles remain within the ROW off Caswell St, Plains Rd, and Oronoque Rd in Milford. Piles appear to be contained on site. 11/30/07</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. 11/30/07</p> <p>Exposed soils remain on the slope adjacent to structure #3950. 8/24-11/30/07</p> <p>Sediment was noted in the dry stream channel near</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/30/07</p> <p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 11/30/07</p> <p>Remove spoil piles when feasible. 11/30/07</p> <p>Continue to monitor and adjust controls as necessary. 11/30/07</p> <p>Exposed soils should be seeded and mulched when feasible. 11/30/07</p> <p>Continue to evaluate sediment accumulation</p>	<p>NA</p> <p>NA</p> <p>Needs attention when feasible</p> <p>NA</p> <p>Needs attention when feasible</p> <p>Needs evaluation</p>

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Willow Street	<p>here. Sediment has seeped through the mats and into wetland #100. 11/16-11/30/07</p> <p>Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-11/30/07</p>	<p>wetlands. See Wetlands Section. 11/30/07</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats. 11/30/07</p>	Needs attention
<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>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>The ACOE permit is in hand and approved wetland work continues. 11/30/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 11/30/07</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. 11/30/07</p> <p>Construction of the wetland mitigation area along the Wepawaug River at Eisenhower Park appears to be complete at this time. 11/30/07</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 11/30/07</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. 11/30/07</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 11/30/07</p> <p>Continue to monitor and add controls as necessary. 11/30/07</p> <p>Continue to monitor and add controls as necessary. 11/30/07</p> <p>Continue to monitor for stabilization and add controls as necessary. 11/30/07</p> <p>Continue to monitor. Install controls as necessary. 11/30/07</p> <p>Continue to monitor. 11/30/07</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>

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Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 11/30/07	Continue to monitor. 11/30/07	NA at this time
Woodbridge, CT Pease Road	Mats remain in the potential wetland area here. 11/30/07	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. 11/30/07	NA at this time
	Tire ruts were noted in a wetland area within the abandoned ROW here. 11/16-11/30/07	Fill and stabilize ruts with appropriate material. In general, timber mats (or similar) should be used when it becomes necessary to access a wetland. 11/30/07	Needs attention
JCC/B'Nai Jacob	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. 11/30/07	Continue to monitor. Adjust controls as necessary. 11/30/07	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. 11/30/07	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. 11/30/07	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. 11/30/07	Continue to monitor. 11/30/07	NA at this time
Bethany, CT Morris to Hatfield	A stone access road and timber mats are in place in the wetland areas in this section. 11/30/07	Continue to monitor. 11/30/07	NA

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Litchfield Turnpike	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). 10/12-11/30/07	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 11/30/07	Needs evaluation/attention
Hamden,CT West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 11/30/07	Continue to monitor. 11/30/07	NA at this time
Brooksvale Ave	Excess sediment has accumulated on the timber mat crossing within the access road here. Sediment has seeped through the mats and into wetland #100. 11/16-11/30/07	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 11/30/07	Needs evaluation/attention
Old Lane Road	Sediment remains in wetland #94. 10/5-11/30/07	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. 11/30/07	Needs evaluation/attention
115-kV underground transmission line Old Lane Road	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). 11/30/07	Continue to evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in depth. 11/30/07	Needs further evaluation

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<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 11/30/07</p>	<p>Wood turtles are dormant from November 1st to April 1st 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. 11/30/07</p>	<p>NA at this time</p>
<p>Vegetative clearing or stabilization All active roads (all towns) Milford and Orange, CT</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 most areas. 11/30/07</p> <p>Soils remain exposed as a result of grounding activities. 10/5-11/30/07</p> <p>Wood chip piles remain in the ROW off Woodruff Rd in Milford and Russell Ave in Orange. 11/30/07</p> <p>Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched</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&M plan. Provide as much buffer as possible for homeowners. 11/30/07</p> <p>Exposed soils should be seeded and mulched. Continue to monitor until stabilization is achieved. 11/30/07</p> <p>Wood chip piles should be removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 11/30/07</p> <p>Continue to monitor until stabilization is achieved. 11/30/07</p>	<p>NA</p> <p>Needs attention</p> <p>Needs attention when feasible</p> <p>Disturbed soils are being graded and mulched for temporary stabilization</p>

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<p>Woodbridge, CT JCC B'Nai Jacob</p>	<p>for temporary stabilization. 11/30/07</p> <p>Hydro-seed was applied to disturbed areas. 11/30/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization.. 11/30/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 11/30/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 11/30/07</p>	<p>NA</p> <p>NA</p>
<p>Hamden, CT Gaylord Mtn Rd/West Todd St Old Lane Road</p>	<p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 11/30/07.</p> <p>The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 11/30/07</p>	<p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 11/30/07</p> <p>Continue to monitor until stabilization is achieved. 11/30/07</p>	<p>Continue stabilization efforts</p> <p>NA</p>
<p>Dewatering Milford, CT Naugatuck Ave, Caswell St, Plains Rd, and Oronoque Rd</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. 11/30/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 11/30/07</p>	<p>Dewatering containment areas were installed proactively.</p>
<p>Orange, CT</p>	<p>Dewatering basins remain for 345kV foundation work. 11/30/07</p>	<p>Continue to monitor. 11/30/07</p>	<p>NA</p>
<p>Woodbridge, Bethany, and Hamden CT</p>	<p>Dewatering basins remain for 345kV foundation work. 11/30/07</p>	<p>None at this time. 11/30/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 11/30/07</p>	<p>None. 11/30/07</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. 11/30/07</p>	<p>In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 11/30/07	
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. 1/18-11/30/07	Noted for the record. 1/18-11/30/07	NA

Next likely scheduled inspection: Friday December 7, 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



Eisenhower Park (Milford): Spoils are being removed from wetland areas and stored in the upland portions of the ROW.



Ansonia Rd (Woodbridge): Pad reclamation is complete near structure 3914 and proposed structure 24101.



Manville Rd (Woodbridge): Pad reclamation is complete near structure 3915 and proposed structure 24102.



Pease Rd/JCC (Woodbridge): Ruts were observed in exposed soils near structures 3931/24118. The silt fence located at the base of the slope is in need of repair.