

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 26, 2007

Inspector: Matt Kelly

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

Rainfall: 0.47” of precipitation were recorded in the week since the last inspection with 0.17” of the total reported on 10/26. (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. 10/26/07	Continue to monitor active work areas and add controls as necessary. See EC section. 10/26/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 10/26/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/26/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 10/26/07	Continue to monitor. 10/26/07	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. 10/26/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 10/26/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Foundation and site construction</p> <p>Milford, Orange, and Woodbridge CT</p>	<p>115-kV foundation work continues within the ROW off Naugatuck Ave and Caswell St in Milford. No active work was noted this week. Foundation work and structure installation appear to be complete in all other sections at this time. 10/26/07</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). 10/26/07</p> <p>345-kV foundation work appears to be complete in the Pease Road section at this time. Structure installation continues. 10/26/07</p>	<p>Continue to monitor active work areas. See EC Section. 10/26/07</p> <p>Continue to monitor. See EC and Stabilization Sections. 10/26/07</p> <p>Continue to monitor active work areas. See EC Section. 10/26/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford & Orange, CT</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. 10/26/07</p> <p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 10/26/07</p> <p>Additional erosion controls have been installed near structure #3890. 10/26/07</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 10/26/07</p> <p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 10/26/07</p> <p>Continue to monitor and add controls as necessary. 10/26/07</p>	<p>NA</p> <p>NA</p> <p>Additional controls were added near structure #3890</p>

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<p>Woodbridge, CT Glen Dam Reservoir</p>	<p>#3890, located off Dogburn Road in Orange. Sediment has accumulated in the stone sediment traps here (8/2/07) and waterbars are no longer functional. 10/5-10/26/07</p>	<p>Sediment should be removed from the stone traps in order to maintain proper function. Repair waterbars. 10/26/07</p>	<p>Needs attention</p>
<p>JCC</p>	<p>Exposed soils remain on the slope adjacent to structure #3950. 8/24-10/26/07</p>	<p>Exposed soils should be seeded and mulched when feasible. 10/26/07</p>	<p>Needs attention</p>
<p>JCC</p>	<p>Silt fence has been repaired near structure #24119. Sediment was noted in the dry stream channel here. 8/7-10/26/07</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. 10/26/07</p>	<p>Silt fence has been repaired near structure #24119</p>
<p>Bethany, CT Litchfield Turnpike</p>	<p>A line of haybales was placed across the access road at the timber mat crossing within wetland #119. These controls, along with the haybale check dams, were installed in an effort to filter stormwater flowing into the wetland from the access road. 10/26/07</p>	<p>Continue to monitor and evaluate the need for additional controls. 10/26/07</p>	<p>Needs 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. 10/26/07</p>	<p>Continue to monitor. Sediment should be removed from the timber mats as soon as possible controls should be installed to prevent further sedimentation to the wetlands. See Wetlands Section. 10/26/07</p>	<p>Needs attention/evaluation.</p>

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<p>Hamden, CT</p> <p>West Todd Street/ Gaylord Mountain</p> <p>Brooksvale Rd</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. 10/26/07</p> <p>Some sediment remains in the wetland area located to the southwest of structure #3992. 10/26/07</p> <p>The sediment trap has been proactively cleaned and its capacity has been increased in an effort to control and filter stormwater runoff. 10/26/07</p> <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. 9/21-10/26/07</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. 10/26/07</p> <p>Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2” in depth. 10/26/07</p> <p>Continue to monitor and adjust controls as necessary. 10/26/07</p> <p>Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats at structure #4009. 10/26/07</p>	<p>Good efforts were made but needs additional evaluation/monitoring</p> <p>Needs evaluation</p> <p>The sediment trap has been proactively cleaned and its capacity increased</p> <p>Silt fence has been added along Willow Brook but additional attention is needed</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. 10/26/07</p> <p>Timber mat crane pads remain adjacent to/in wetlands in these sections. 10/26/07</p> <p>A stone access road remains within the</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 10/26/07</p> <p>Continue to monitor and add controls as necessary. 10/26/07</p> <p>Continue to monitor and add controls as necessary.</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>wetland accessed from West River Street. Timber mat crane pads remain within the wetland areas in these sections. 10/26/07</p> <p>The proposed wetland mitigation area has been staked/delineated along the Wepawaug River at Eisenhower Park. 10/26/07</p> <p>A stone access road remains at the wetland crossing off East Rutland. An existing stone culvert was already in place here. 10/26/07</p>	<p>10/26/07</p> <p>Continue to monitor and add controls as necessary. 10/26/07</p> <p>Continue to monitor. Install controls as necessary. 10/26/07</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>Timber mat crane pads/crossings remain at the wetland areas here. Stone wetland crossings are in place at Lambert Rd and Treat Lane. 10/26/07</p>	<p>Continue to monitor. 10/26/07</p>	<p>NA at this time.</p>
<p>Clearview Lane to Rt 15</p>	<p>Stone access roads and timber mat crossings remain in the wetland areas here. 10/26/07</p>	<p>Continue to monitor. 10/26/07</p>	<p>NA at this time</p>
<p>Woodbridge, CT</p> <p>Pease Road/JCC/B'Nai Jacob</p>	<p>Mats remain in the potential wetland area near Pease Road. 10/26/07 9:00AM</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. 10/26/07</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. 10/26/07</p> <p>Continue to monitor. Adjust controls as necessary. 10/26/07</p>	<p>NA at this time</p> <p>NA at this time</p>

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<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> <p>Bethany, CT</p> <p>Morris to Hatfield</p> <p>Litchfield Turnpike</p> <p>Hamden, CT</p> <p>West Todd St, Tom Swamp/Arrow Rd, Willow Street, Brooksvale Ave, and Old Lane Rd</p> <p>Old Lane Road</p>	sections. 10/26/07		
	Sediment was noted in the stream channel near structure #24119 at the JCC. 8/7-10/26/07	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. 10/26/07	Needs evaluation
	Timber mat crane pads remain within the wetlands in these sections. 10/26/07	Continue to monitor. 10/26/07	NA at this time
	A stone access road and timber mats are in place in the wetland areas in this section. 10/26/07	Continue to monitor. 10/26/07	NA
	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). 10/26/07	Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 10/26/07	Needs evaluation/attention
	Temporary stone access roads and timber mats remain in some of the wetland areas in these sections. 10/26/07	Continue to monitor. 10/26/07	NA at this time
Sediment remains in wetland #94. 10/5-10/26/07	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	Needs evaluation/attention	

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<p>Woodbridge, CT</p> <p>JCC</p> <p>B'Nai Jacob</p> <p>Hamden, CT</p>	<p>Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 10/26/07</p> <p>Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 10/26/07</p> <p>Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 10/26/07.</p> <p>The overhead access road off Old Lane Road has been stabilized with stone. Hydroseed was applied to exposed soils. 10/26/07</p>	<p>Continue to monitor for stabilization. Re-seed if necessary. 10/26/07</p> <p>Continue to monitor for stabilization. Re-seed if necessary. 10/26/07</p> <p>Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/ washouts. 10/26/07</p> <p>Continue to monitor until stabilization is achieved. 10/26/07</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>Orange, CT</p> <p>Woodbridge, Bethany, and Hamden CT</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. 10/26/07</p> <p>Dewatering basins remain for 345kV foundation work. 10/26/07</p> <p>Dewatering activities appear to be complete in these sections at this time 10/26/07</p>	<p>Continue to monitor active areas and adjust controls as necessary. 10/26/07</p> <p>Continue to monitor. 10/26/07</p> <p>None at this time. 10/26/07</p>	<p>Dewatering containment areas were installed proactively.</p> <p>NA</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 10/26/07</p>	<p>None. 10/26/07</p>	<p>NA</p>

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Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 10/26/07	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. 10/26/07	NA
Woodbridge, CT Manville Rd (North)	A hydraulic oil leak was observed within the wetland buffer along the access road here. 10/26/07	Remove the affected soil/stone and dispose of it appropriately. In general, proactively check equipment for leaks and use spill control materials when performing maintenance and during refueling. 10/26/07	Needs attention
Manville Rd (South)	Equipment was noted parked in a wetland area. No leaks were observed. 10/26/07	All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 10/26/07	Needs attention
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. 1/18-10/26/07	Noted for the record. 1/18-10/26/07	NA

Next likely scheduled inspection:

Friday November 2, 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



Dogburn Rd South (Orange): Pad Reclamation is complete. Additional erosion controls have been installed near structure #3890.



Dogburn Rd South: Additional view of controls installed near structure #3890.



Clearview (Woodbridge): Pad Reclamation continues at structure #3899.



Manville Rd South (Woodbridge): Equipment was parked in a wetland area. No leaks were observed.



Manville Rd North: A hydraulic oil leak was noted along the access road here. The leak was not observed in the wetland area.



JCC (Woodbridge): Silt fence was repaired near structures #3932 and #24119.



Litchfield Turnpike (Bethany): A line of haybales was placed across the access road at the timber mat crossing within wetland #119.