

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 2, 2007

Inspector: Matt Kelly

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

Rainfall: 0.35” of precipitation were recorded in the week since the last inspection with 0.35” of the total reported on 10/27. (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. 11/2/07	Continue to monitor active work areas and add controls as necessary. See EC section. 11/2/07	Not Applicable (NA)
	Stone pads remain in place at all entrances to access roads. 11/2/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 11/2/07	Active areas need regular attention
	Mats remain at the wetland crossings in these sections. 11/2/07	Continue to monitor. 11/2/07	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. 11/2/07	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 11/2/07	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. Foundation work and structure installation appear to be complete in all other sections at this time. 11/2/07</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). 11/2/07</p> <p>345-kV foundation work appears to be complete in the Pease Road/JCC section at this time. Structure installation continues. 11/2/07</p>	<p>Continue to monitor active work areas. See EC Section. 11/2/07</p> <p>Continue to monitor. See EC and Stabilization Sections. 11/2/07</p> <p>Continue to monitor active work areas. See EC Section. 11/2/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Milford & Orange, CT</p> <p>Woodbridge, CT Glen Dam Reservoir</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. 11/2/07</p> <p>Pad reclamation is complete in most areas at this time. Exposed soils have been graded and mulched. 11/2/07</p> <p>Sediment has been removed from the stone sediment traps and waterbars were repaired/installed within the access road. 11/2/07</p>	<p>None at this time. Continue to utilize the appropriate erosion control measures and stabilize disturbed soils as necessary. 11/2/07</p> <p>Continue to monitor. Additional erosion controls are recommended in some areas during 345-kV foundation work. See Stabilization Section. 11/2/07</p> <p>Continue to monitor and add controls as necessary. 11/2/07</p>	<p>NA</p> <p>NA</p> <p>Sediment has been removed from the stone sediment traps and waterbars were repaired/installed within the access road</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
JCC	the access road. 11/2/07 Exposed soils remain on the slope adjacent to structure #3950. 8/24-11/2/07	Exposed soils should be seeded and mulched when feasible. 11/2/07	within the access road Needs attention when feasible
	Sediment was noted in the dry stream channel near structure #24119. 8/7/07-11/2/07	Evaluate sediment accumulation within the stream channel. Carefully remove sediment during the dry season if it is greater than 2" in depth. 11/2/07	Needs attention/evaluation
Bethany, CT Litchfield Turnpike	Several waterbars and haybale sediment traps were installed along the steeper portions of the access road in an effort to control/filter stormwater runoff. 11/2/07	Continue to monitor and maintain controls. Evaluate the need for additional controls. 11/2/07	Several waterbars and haybale sediment traps were installed along the access road
Hamden, CT West Todd Street/ Gaylord Mountain	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. 11/2/07	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. 10/26/07	Good efforts were made but needs additional evaluation/monitoring
Willow Street	Some sediment remains in the wetland area located to the southwest of structure #3992. 11/2/07	Evaluate sediment accumulation within the wetland. Carefully remove sediment from wetland if it is greater than 2" in depth. 11/2/07	Needs evaluation
	Spoils from foundation/grounding work remain on some of the timber mats at structure #4009. 9/21-10/26/07	Continue to monitor and stabilize disturbed soils. Remove spoils from timber mats at structure #4009. 10/26/07	Needs attention
Inland Wetland and	The ACOE permit is in	Follow general guidelines	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Watercourse encroachment and mitigation	hand and approved wetland work continues. 11/2/07	of the permit whenever work in wetlands occurs. 11/2/07	
Milford, CT Naugatuck Ave, Rt 121 and Oronoque Rd	Timber mat crane pads remain adjacent to/in wetlands in these sections. 11/2/07	Continue to monitor and add controls as necessary. 11/2/07	NA at this time
West River Street and Eisenhower Park	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. 11/2/07	Continue to monitor and add controls as necessary. 11/2/07	NA at this time
	Excavation has begun for the wetland mitigation area along the Wepawaug River at Eisenhower Park. 11/2/07	Continue to monitor and add controls as necessary. 11/2/07	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. 11/2/07	Continue to monitor. Install controls as necessary. 11/2/07	NA at this time
Orange, CT 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. 11/2/07	Continue to monitor. 11/2/07	NA at this time.
Clearview Lane to Rt 15	Stone access roads and timber mat crossings remain in the wetland areas here. 11/2/07	Continue to monitor. 11/2/07	NA at this time
Woodbridge, CT Pease Road/JCC/B'Nai Jacob	Mats remain in the potential wetland area near Pease Road. 11/2/07	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. 11/2/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 11/2/07</p>	<p>Continue to monitor. Adjust controls as necessary. 11/2/07</p>	<p>NA at this time</p>
	<p>Sediment was noted in the stream channel near structure #24119 at the JCC. 8/7-11/2/07</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. 11/2/07</p>	<p>Needs evaluation</p>
<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>Timber mat crane pads remain within the wetlands in these sections. 11/2/07</p>	<p>Continue to monitor. 11/2/07</p>	<p>NA at this time</p>
<p>Bethany, CT Morris to Hatfield</p>	<p>A stone access road and timber mats are in place in the wetland areas in this section. 11/2/07</p>	<p>Continue to monitor. 11/2/07</p>	<p>NA</p>
<p>Litchfield Turnpike</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). 11/2/07</p>	<p>Carefully remove sediment from wetland areas when timber mats are removed. See EC Section. 11/2/07</p>	<p>Needs evaluation/attention</p>
<p>Hamden, CT West Todd St, Tom Swamp/Arrow Rd,</p>	<p>Temporary stone access roads and timber mats remain in some of the</p>	<p>Continue to monitor. 11/2/07</p>	<p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>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 areas in these sections. 11/2/07</p> <p>Sediment remains in wetland #94. 10/5-11/2/07</p> <p>Turbid water was noted in the wetland across from the overhead access road during previous inspections (during 115-kV underground work). 11/2/07</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. 11/2/07</p> <p>Evaluate sediment accumulation within the adjacent wetland. Carefully remove sediment from the wetland if it is greater than 2' in depth. 11/2/07</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&M plan, Wood Turtles are known to occur near the Wepawaug River at Eisenhower Park. 11/2/07</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. 4/5-11/2/07</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>All active roads (all towns)</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. 11/2/07</p> <p>Soils remain exposed as a result of grounding activities. 11/2/07</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. 11/2/07</p> <p>Exposed soils should be seeded and mulched when feasible. Continue to monitor until stabilization is achieved. 11/2/07</p>	<p>NA</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford, CT Woodruff Rd	A three-foot pile of wood chips remains within the ROW here. 11/2/07	Wood chip piles need to be removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 11/2/07	Needs attention when feasible
Milford and Orange, CT	Crane pad reclamation and restoration work appear complete at this time. Disturbed soils are being graded and mulched for temporary stabilization. 11/2/07	Continue to monitor until stabilization is achieved. 11/2/07	Disturbed soils are being graded and mulched for temporary stabilization
Woodbridge, CT JCC	Hydro-seed was applied to disturbed areas. Grass growth was noted in previous weeks. 11/2/07	Continue to monitor for stabilization. Re-seed if necessary. 11/2/07	NA
B'Nai Jacob	Disturbed areas were seeded and mulched for temporary stabilization. Grass growth was noted in previous weeks. 11/2/07	Continue to monitor for stabilization. Re-seed if necessary. 11/2/07	NA
Hamden, CT	Mulch has been spread in washout areas near structure #3989 in an effort to temporarily stabilize disturbed soils. 11/2/07.	Continue to monitor. Mulched areas should be seeded for further stabilization. Stone fill or similar may be needed to stabilize gullies/washouts. 11/2/07	Continue stabilization efforts
Old Lane Road	The overhead access road has been stabilized with stone. Hydroseed was applied to exposed soils. 11/2/07	Continue to monitor until stabilization is achieved. 11/2/07	NA
	Exposed soils remain at structure #4014. 11/2/07	Exposed soils should be stabilized with mulch and seed. 11/2/07	Needs attention when feasible
Dewatering Milford, CT Naugatuck Ave, Caswell St, and Plains Rd	Dewatering basins remain in place at new and proposed drilling sites in these sections. Dewatering is complete at this time in all other sections. 11/2/07	Continue to monitor active areas and adjust controls as necessary. 11/2/07	Dewatering containment areas were installed proactively.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Orange, CT	Dewatering basins remain for 345kV foundation work. 11/2/07	Continue to monitor. 11/2/07	NA
Woodbridge, Bethany, and Hamden CT	Dewatering activities appear to be complete in these sections at this time 11/2/07	None at this time. 11/2/07	NA
Blasting	No blasting is proposed at this time. 11/2/07	None. 11/2/07	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. See segment 3 report. 11/2/07	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. 11/2/07	NA
Woodbridge, CT Manville Rd (North)	A hydraulic leak was noted within the wetland buffer here last week. The affected soil/stone has been removed from site. 11/2/07	In general, proactively check equipment for leaks and use spill control materials when performing maintenance and during refueling. 10/2/07	The affected soil/stone was removed from site
Manville Rd (South)	Equipment was removed from the wetland area. No leaks were observed. 11/2/07	In general, all construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 11/2/07	Equipment was removed from the wetland area
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:**

Thursday November 8, 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



Litchfield Turnpike (Bethany): View of the newly constructed/installed waterbars and haybale sediment traps.



Litchfield Turnpike: Additional view of the waterbars and haybale sediment traps along the access road.



Glen Dam (Woodbridge): Sediment has been removed from the stone lined sediment trap in order to restore capacity and allow for continued filtration of stormwater runoff.



Glen Dam: Waterbars have been replaced/repared in an effort to control stormwater runoff.



Manville Rd (Woodbridge): The timber mat crane pads have been removed from the wetlands here.



Clearview Ln (Woodbridge/Orange): View of structure #3899. Pad reclamation is complete.



Clearview Ln: View of structure #3900. Pad reclamation is complete.



Naugatuck Ave (Milford): Foundation work continues in this section.