

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: January 11, 2007

Inspector: Lee Curtis

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

Rainfall: A total of 1.75” of rain was reported over 1/5-1/8 in the week since the previous inspection (as reported by NOAA at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Orange, CT Orange Center Rd/Route 152, Overland Drive, Treat Lane, Russell Ave, Overland Dr (west), Dogwood Rd, Sunset Dr, Pine Tree Dr, Saddle Ridge Road/Harbor View Place, Hunting Hill Place, Ridge Rd, and Rolling Ridge Rd.	Clearing/road construction appears to be complete at this time. No active work was occurring in these sections during the inspection this week. 1/11/07.	Continue to monitor. Install mats if necessary. 1/11/07.	Not Applicable (NA)
	Mats remain at the non-federally jurisdictional (NFJ) wetland crossing accessed from Sunset Dr. 1/11/07.	Continue to monitor. 1/11/07.	NA
	Stone pads remain in place at all access roads and sediment tracking was not an issue this week. 1/11/07.	Continue to monitor for sediment tracking. Sweep roadways as necessary. 1/11/07.	NA
	“Silt saks” (or similar) remain intact within most catch basins in the vicinity of the constructed access roads. Silt sak fabric was pulled over the curb drop inlet at those catch basins located immediately adjacent to the constructed access roads. 1/11/07.	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 1/11/07.	CB controls in place. Improve as necessary. NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p> <p>Lexington Lane</p> <p>Woodbridge, CT Pease Road</p>	<p>Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. 1/11/07.</p> <p>Clearing and access road construction have begun within the ROW located off Lexington Lane this week. There is a wetland to the south of the access road off Lexington (east) 1/11/07.</p> <p>No active work was noted here this week. Additional mats were installed to provide access to the proposed structure locations. 1/11/07</p>	<p>Continue to monitor. 1/11/07.</p> <p>Continue to monitor. 1/11/07.</p> <p>Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&M plan. 1/11/07.</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Foundation and site construction</p> <p>Orange, CT Dogwood Road</p> <p>Orange Center Rd, Russell Ave, Sunset Dr, and Overland Dr.</p>	<p>Foundation drilling/pouring has begun within the ROW off Dogwood Road this week. 1/11/07.</p> <p>There was no active foundation work occurring within the ROW off Orange Center Rd, Overland Dr, Sunset Dr, and Russell Ave this week. 1/11/07.</p> <p>Foundation construction appears to be complete for the first line of structures off Sunset Dr (#3865, 3866, and 3867). Structure #3866 is located adjacent to the NFJ wetland. 1/11/07.</p> <p>Drilling/pouring for the second line of structures off Russell Ave continues. One foundation was completed for the second line. Structure #3873 is located near a wetland</p>	<p>See Dewatering and EC Sections. 1/11/07.</p> <p>See Dewatering and EC Sections. 1/11/07.</p> <p>See Dewatering and EC Sections 1/11/07.</p> <p>See Dewatering and EC Sections 1/11/07.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Silt fence was installed at the spoil piles located upgradient of the wetlands (NFJ) off Overland Dr (east and west). 1/11/07</p> <p>Several weeks ago sediment/ slurry had breached the dewatering controls in locations to the east and west of Overland Dr. It is not currently affecting wetland areas due to secondary controls located downgradient (silt fence and filter sock check dams). 1/11/07.</p> <p>Silt fence remains intact along the active work areas (drilling) located upgradient of the wetland off Overland Dr (east). Mats and filter sock check dams were also in place along this section of ROW. 1/11/07.</p>	<p>Continue to maintain erosion controls. 1/11/07</p> <p>Evaluate whether filter socks are adequate to contain sediment in dewatering areas. Hay bales or similar alternatives may be needed here. 12/21/06-1/11/07.</p> <p>Continue to monitor. 1/11/07.</p>	<p>Silt fence was installed at spoil piles located upgradient of wetland areas.</p> <p>Continue to evaluate</p> <p>NA</p> <p>NA</p>
Dogwood Road	<p>Spoil was placed on a liner and covered with plastic here. 1/11/07.</p>	<p>Continue to monitor. 1/11/07.</p>	<p>Spoil pile is contained (proactive).</p>
Ridge Road	<p>Silt fence remains intact along the work areas here to prevent impacts to abutting property. 1/11/07.</p>	<p>Continue to monitor and maintain as necessary. 1/11/07.</p>	<p>NA</p>
Orange Center Road/Pine Tree Dr	<p>Silt fence remains intact at the wetland (NFJ) located off Route 152 and along the small wetland (NFJ) area located on the western side of Pine Tree Dr. 1/11/07.</p>	<p>Continue to monitor and maintain as necessary. 1/11/07.</p>	<p>NA</p>
Saddle Ridge Rd/Harbor View Place	<p>Silt fence and filter socks remain at the work area for proposed structure #3883. 1/11/07.</p>	<p>Continue to monitor. 1/11/07.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p>	<p>All exposed soil and sediment is contained on site. Silt fence remains intact near the new road location. 1/11/07.</p>	<p>Continue to monitor. 1/11/07.</p>	<p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation <i>Contractors have stated that all wetlands within current activity areas are not under federal jurisdiction 11/29/06</i></p> <p>Orange, CT Sunset Dr</p> <p>Orange Center Drive (west)</p> <p>Pine Tree Drive and Dogwood Rd</p> <p>Woodbridge, CT Pease Road</p>	<p>Federally jurisdictional wetlands will not be accessed until the ACOE permit is in hand 11/20-1/11/07.</p> <p>A matted crossing remains at the wetland (NFJ) located in the ROW off Sunset Dr. Silt fence is intact. 1/11/07.</p> <p>Stormwater continues to pool at the access road located across from the wetland area off Orange Center Dr (west). Silt fence remains intact here. 1/5-1/11/07.</p> <p>Evidence of past clearing was noted within the wetlands located in the ROW off Pine Tree Dr (east & west) and near the wetland located off Dogwood Rd (east). 1/11/07.</p> <p>Some wetland flags were missing at the wetland off Dogwood Rd, but it appears a small portion of wetland may have been cleared for proposed structure installation. Many shrubs and some herbaceous vegetation remain in place along the edges. 12/7-1/11/07.</p> <p>Additional mats were placed along the access road within the ROW off Pease Road. 1/11/07.</p>	<p>Maintain federally jurisdictional wetlands until ACOE permits allow access. 11/20-1/11/07.</p> <p>Continue to maintain erosion controls where necessary. 1/11/07.</p> <p>Additional stone could be placed at this spot in the access road to reduce turbidity and allow for additional filtration before this water reaches the wetland. 1/11/07.</p> <p>Continue to monitor. Maintain erosion controls as necessary. 1/11/07.</p> <p>Silt fence is not necessary at this time. Continue to monitor. Confirm that this wetland is not under federal jurisdiction. 12/7-1/11/07.</p> <p>Continue to install mats and erosion controls where necessary. 1/11/07.</p>	<p>NA</p> <p>NA.</p> <p>Needs attention when feasible</p> <p>NA</p> <p>Needs evaluation</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in or adjacent to the active work areas. 1/11/07.	None. 1/11/07.	NA
<p>Vegetative clearing or stabilization</p> <p>Orange, CT</p> <p>All active roads</p> <p>Orange Center Rd, Sunset Dr, Ridge Rd, Russell Ave, Rolling Ridge Rd, Overland Dr, Hunting Hill Place, and Lambert Rd.</p> <p>Milford , CT</p> <p>Shelland Street</p> <p>Plains Rd to Oronoque Rd, Lexington Dr</p> <p>Woodbridge, CT</p> <p>Pease Road</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. (Cedars will eventually be harvested) Select shrubs, especially those adjacent to wetlands, also remain in most areas. 1/11/07.</p> <p>Wood chips were spread along the upland portions of the cleared ROW in these sections. 1/11/07.</p> <p>Wood chips near the cul-de-sac off Hunting Hill Place are currently piled in a “depression” and other piles were noted off Ridge Road and Lambert Rd. 1/11/07.</p> <p>Vegetative clearing associated with the proposed East Devon Substation Site and road relocation continues. 1/11/07.</p> <p>Clearing activities were occurring within these sections of ROW this week. 1/11/07.</p> <p>No active clearing was noted. Major clearing will be necessary in the future for the relocation of the ROW here. 1/11/07.</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. 1/11 /07.</p> <p>Continue to maintain a depth of 3” or less so vegetative growth is not inhibited. 1/11/07.</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11/07.</p> <p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. 1/11/07.</p> <p>Continue to monitor. 1/11/07.</p> <p>Continue to confirm that all clearing/cutting is limited only to areas defined in D&M plan. 1/11/07.</p>	<p>NA.</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>NA</p> <p>NA</p> <p>NA</p>
Dewatering	In general, dewatering	None. 1/11/07.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Orange, CT All active roads</p> <p>Russell Ave, Sunset Dr, and Overland Dr.</p>	<p>containment areas have been pro-actively placed at drilling sites. 1/11/07.</p> <p>Filter bags are in place near each drilling site off Russell Ave, but dewatering efforts have been minimal so far. 1/11/07.</p> <p>Several weeks ago, sediment/ slurry had breached the dewatering controls here (east and west) but it is unlikely to affect the wetland downgradient. due to secondary controls (silt fence and filter sock check dams). 1/11/07.</p>	<p>None 1/11/07.</p> <p>Evaluate whether current set-ups are adequate to contain sediment from dewatering activities. A second line of controls (such as haybales) may be needed if dewatering is to continue in either spot. Avoid this in other locations as well. 1/11/07.</p>	<p>NA</p> <p>Continue to evaluate</p>
Blasting	No blasting is proposed at this time. 1/11/07.	None	NA
Spills, soils and material storage.	Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for Segment 3. 1/11/07.	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. 1/11/07.	NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Thursday January 18, 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: Lee Curtis, BSC Group

Reviewer: Diana Walden, BSC Group



Plastic has slipped from some of the spoil piles off Russell Ave but silt fence remains intact where necessary.



Silt fence remains intact around the spoil pile near the wetland off Overland Drive (west).



View of the sediment that had breached the controls off Overland Dr. (east). Filter sock check dams have prevented the sediment from migrating further downgradient.



Accumulated sediment was noted around the catch basin on the western side of Overland Dr. Sweep the gutter and roadway as needed.



View of the foundation work within the ROW off Dogwood Rd.



Dewatering controls were installed proactively off Dogwood Rd.



Silt fence remains intact at the spoil pile near the wetland off Sunset Dr. The pile appears contained, but silt fence may need to be extended toward the road.



Silt fence remains intact along the wetland boundary off Sunset Dr.



View of the wood chip piles stored within the ROW off Lambert Rd. Piles will need to be removed or spread appropriately in upland ROW areas to a depth of 3-inches or less.



Overall view of the work within the ROW off Route 152 (west).



View of the water pooling at the access road located across from the wetland area off Route 152 (west). Additional stone could be placed in the access road here to reduce vehicle tracking/turbidity.



Overall view of the work within the ROW off Route 152 (east).



Silt fence remains intact at the small wetland pocket within the ROW off Pine Tree Dr (west).



Silt fence remains intact along work areas off Rolling Ridge Rd.



View of the access road within the ROW off Pease Rd in Woodbridge. Timber mats are being stored here for future access.



Additional mats were placed along the access road here (Pease Rd).