

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 18, 2007

Inspector: Lee Curtis

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

Rainfall: A total of 0.56” of precipitation was reported in the week since the previous inspection with no more than 0.15” in any 24 hr period. (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. 1/18/07.	Continue to monitor. Install mats if necessary. 1/18/07.	Not Applicable (NA)
	Mats remain at the non-federally jurisdictional (NFJ) wetland crossing accessed from Sunset Dr. 1/18/07.	Continue to monitor. 1/18/07.	NA
	Stone pads remain in place at all access roads and sediment tracking was minimal this week. Minor tracking was noted at Treat Lane. 1/18/07	Continue to monitor for sediment tracking. Sweep roadways as necessary. 1/18/07.	Needs regular attention
	“Silt saks” (or similar) remain intact within 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.	Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail. 1/18/07.	CB controls in place. Improve as necessary.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p> <p>Plains Road to Oronoque Rd</p> <p>Lexington Lane</p> <p>Woodbridge, CT Pease Road</p>	<p>1/18/07.</p> <p>Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. 1/18/07.</p> <p>Access road construction was noted within the ROW from Plains Road to Oronoque Rd. 1/18/07.</p> <p>Clearing and access road construction appears to be complete within the ROW located off Lexington Lane. 1/18/07.</p> <p>No active work was noted here this week. Additional mats were installed along the access road here. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p> <p>Continue to monitor. 1/18/07.</p> <p>Continue to monitor. See erosion control section. 1/18/07.</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. 1/18/07.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Foundation and site construction</p> <p>Orange, CT Treat Lane</p> <p>Orange Center Rd, Russell Ave, Dogwood Rd, Sunset Dr, and Overland Dr.</p> <p>Milford , CT Shelland Street</p>	<p>Foundation drilling/pouring was occurring within the ROW off Treat Lane this week. 1/18/067.</p> <p>There was no active foundation work occurring in these sections this week. Structures had been delivered for installation off Route 152 east. 1/18/07.</p> <p>The first line of structure foundations appears to be complete off Russell Ave. One foundation was completed for the second line. Structure #3873 is located near a wetland (NFJ). 1/18/07.</p> <p>Activities associated with the relocation of Shelland</p>	<p>See Dewatering and EC Sections. 1/18/07.</p> <p>See Dewatering and EC Sections. 1/18/07.</p> <p>See Dewatering and EC Sections. 1/18/07.</p> <p>None at this time. 1/11/07.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	St continue. Clearing and other preparation is occurring at the proposed East Devon Substation site. 1/18/07.		
Erosion and sediment controls Orange, CT Russell Ave Sunset Dr and Overland Drive	<p>Roots have been retained in most cleared areas to maintain some soil stability. 1/18/07.</p> <p>Ruts remain within the ROW here. Soils are too soft to support equipment. 11/20-1/18/07.</p> <p>All spoil piles are placed on liners and remain either covered with plastic or contained within silt fence. 1/18/07.</p> <p>Sediment has built up around the catch basins off Sunset Dr and Overland Dr. Silt-saks still appear to be functioning properly here. 1/11-1/18/07.</p> <p>Silt fence remains intact at the wetland crossing accessed from Sunset Dr. 1/18/07.</p> <p>All spoil piles are on liners and remain partially covered with plastic in the ROW off Sunset Dr. The plastic covering should be adjusted in some areas. Silt fence was installed at the spoil pile located near the wetland here. 1/18/07.</p> <p>Silt fence was in place at the spoil piles located upgradient of the wetlands (NFJ) off</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary 1/18/07.</p> <p>Stabilize soil (tracks) as it becomes necessary. 11/20-1/18/07.</p> <p>Continue to monitor and maintain as necessary. 1/18/07.</p> <p>Continue to monitor for sediment tracking. Sweep roadways and areas around catch basins as necessary. 1/11-1/18/07.</p> <p>Continue to monitor and maintain as necessary. 11/20-1/18/07.</p> <p>The piles appear contained, but the silt fence may need to be extended to cover all potential run-off. Adjust plastic covers as necessary. 1/18/07.</p> <p>Continue to maintain erosion controls. 1/18/07.</p>	<p>NA</p> <p>CB controls in place.</p> <p>Spoil piles are contained (proactive).</p> <p>Needs proactive attention when feasible.</p> <p>NA</p> <p>Needs proactive attention when feasible</p> <p>NA.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Dogwood Road</p> <p>Treat Lane</p> <p>Ridge Road</p> <p>Orange Center Road/Pine Tree Dr</p> <p>Saddle Ridge Rd/Harbor View Place</p>	<p>Overland Dr (east and west). 1/18/07.</p>		
	<p>Several weeks ago, sediment/ slurry had breached the dewatering controls in locations east and west of Overland Dr. This sediment is not currently effecting wetland areas due to secondary controls located downgradient (silt fence and filter sock check dams). 1/18/07.</p>	<p>Evaluate whether filter socks are adequate to contain sediment in dewatering areas. Hay bales or similar alternatives may be needed here. 12/21/06-1/18/07.</p>	<p>Continue to evaluate.</p>
	<p>Silt fence remains intact along the active work area (drilling) located upgradient of the wetland off Overland Dr (east). Mats remain here. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p>	<p>NA</p>
	<p>Spoil remains on a liner and covered with plastic here. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p>	<p>NA</p>
	<p>Spoil was placed on a liner and covered with plastic when drilling was completed. Active piles remain uncovered. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p>	<p>Spoil pile is contained (proactive).</p>
	<p>Silt fence remains intact along the work areas here to help prevent impacts to abutting property. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p>	<p>NA</p>
<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 Drive. 1/18/07.</p>	<p>Continue to monitor and maintain as necessary. 1/18/07.</p>	<p>NA</p>	
<p>Silt fence and filter socks remain at the work area for proposed structure #3883. 1/18/07.</p>	<p>Continue to monitor and maintain as necessary. 1/18/07.</p>	<p>NA</p>	

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p> <p>Lexington Lane</p>	<p>All exposed soil and sediment is contained on site. Silt fence remains intact near the new road location. 1/18/07.</p> <p>Silt fence was installed adjacent to the wetland located to the south of the access road off Lexington Ln (east). 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p> <p>Continue to monitor. 1/18/07.</p>	<p>NA</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>The ACOE permit is now in hand and work can begin in all approved areas. 1/18/07.</p> <p>A matted crossing remains at the wetland (NFJ) located in the ROW off Sunset Dr. Silt fence is intact. 1/18/07.</p> <p>Stormwater continues to pool at the access road located across from the wetland area off Orange Center Drive (west). Silt fence remains intact here. 1/5-1/18/07.</p> <p>The existing H-frame structure located within the small wetland pocket off Pine Tree Dr has been dismantled and pieces remain stored in the wetland. 1/18/07.</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. 12/7-1/18/07.</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 1/18/07</p> <p>Continue to maintain erosion controls where necessary. 1/18/07.</p> <p>If water continues to rise, additional stone should be placed along the access road to allow for additional filtration before this water reaches the wetland. 1/18/07.</p> <p>Poles should be removed from the wetland when feasible. Take care to minimize disturbance to the wetland here. 1/18/07.</p> <p>Silt fence is not necessary at this time. Continue to monitor. Confirm that this wetland is not under federal jurisdiction. 12/7-1/18/07.</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>Needs attention when feasible</p> <p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT Pease Road	Mats remain within the access road and in proposed structure locations within the ROW off Pease Road. Soil is saturated here and prone to ruts. 1/18/07	Continue to install mats and erosion controls where necessary. 1/18/07.	NA
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. 1/18/07.	None. 1/18/07.	NA
Vegetative clearing or stabilization Orange, CT All active roads Orange Center Rd, Sunset Dr, Ridge Rd, Russell Ave, Rolling Ridge Rd, Overland Dr, Hunting Hill Place, and Lambert Rd. Milford , CT Shelland Street Plains Rd to Oronoque Rd	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. 1/18/07. Wood chips were spread along the upland portions of the cleared ROW in these sections. 1/18/07. Wood chips near the cul-de-sac off Hunting Hill Place are currently piled in a “depression” in the ROW and other piles were noted off Ridge Road and Lambert Road. 1/11-1/18/07. Vegetative clearing associated with the proposed East Devon Substation Site and road relocation continues. 1/18/07. Clearing activities continue within the ROW from Plains Road to	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. 1/18/07 Continue to maintain a depth of 3” or less so vegetative growth is not inhibited. 1/18/07. Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11-1/18/07. Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. 1/18/07. Continue to monitor. 1/18/07.	NA. NA Needs attention when feasible. NA NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Lexington Dr</p> <p>Woodbridge, CT</p> <p>Pease Road</p>	<p>Oronoque Rd this week. 1/18/07.</p> <p>Clearing appears to be complete at this time. 1/18/07.</p> <p>No active clearing was noted. Major clearing will be necessary in the future for the relocation of the ROW here. 1/18/07.</p>	<p>Continue to monitor. 1/18/07.</p> <p>Continue to confirm that all clearing/cutting is limited only to areas defined in D&M plan. 1/18/07.</p>	<p>NA</p> <p>NA</p>
<p>Dewatering</p> <p>Orange, CT All active roads</p> <p>Russell Ave, Sunset Dr, and Overland Dr.</p> <p>Treat Lane</p> <p>Milford, CT Lexington Lane</p>	<p>In general, dewatering containment areas have been pro-actively placed at drilling sites. 1/18/07.</p> <p>Filter bags are in place near each drilling site off Russell Ave, but dewatering efforts have been minimal so far. 1/18/07.</p> <p>Several weeks ago, sediment/slurry had breached the dewatering controls in locations off Overland Dr east and west. It is unlikely that sediment will affect the wetlands downgradient due to secondary controls (silt fence and filter sock check dams). 1/18/07.</p> <p>Dewatering basins/slurry pits were constructed within the ROW off Treat Lane. 1/18/07.</p> <p>Dewatering basins/slurry pits were constructed within the ROW here. 1/18/07.</p>	<p>None. 1/18/07.</p> <p>None 1/18/07.</p> <p>Evaluate whether filter socks are adequate to contain sediment from future dewatering activities. A second line of controls may be needed for dewatering if it is going to continue here. Avoid this in other locations as well. 1/18/07.</p> <p>None at this time. Sediment is contained. 1/18/07.</p> <p>None at this time. 1/18/07.</p>	<p>NA</p> <p>NA</p> <p>Continue to evaluate.</p> <p>Dewatering containment areas were installed proactively.</p> <p>Dewatering containment areas were installed proactively.</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 1/18/07.</p>	<p>None</p>	<p>NA</p>
<p>Spills, soils and material storage.</p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. This also</p>	<p>In general, store materials and equipment appropriately. Ensure</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>appears to be used for Segment 3 construction. 1/18/07.</p>	<p>that vehicles are equipped with spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 1/18/07.</p>	
<p>Additional Observations</p>	<p>Non-project related activity was noted within the ROW off Sunset Dr this week. A trench was dug near the first structure and a pipe appears to have been installed to divert water from an unknown location. 1/18/07</p>	<p>Noted for the record. 1/18/07</p>	<p>NA</p>

Next likely scheduled inspection: Friday January 26, 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



View of the non-project related activities occurring within the ROW off Sunset Drive. A trench was dug and a pipe installed near the first structure foundation.



The plastic covering needs to be adjusted on some spoil piles off Sunset Dr.



Structures have been delivered for installation off Route 152 (east).



Water continues to pool along the access road within the ROW off Route 152 (west).



The first wooden structure has been dismantled within the ROW off Pine Tree Dr. Pieces were being stored in the small wetland area here. Remove and place in a more appropriate location.



Minor sediment tracking was noted off Treat Lane this week. It does not appear to have reached any nearby catch basins. Sweep as necessary



View of one of the dewatering basins constructed within the ROW off Treat Lane. All sediment is contained here.



Spoil piles were covered in plastic within the ROW off Treat Lane when drilling was complete.



Access road construction appears to be complete off Lexington Lane and the road remains free of major sediment tracking.



Silt fence was installed adjacent to the wetland located to the south of the access road off Lexington Lane (east).



View of one of the dewatering basins constructed proactively within the ROW off Lexington Lane.



View of some of the clearing near Oronoque Road in Milford. Continue to retain all shrubs approved in the D&M and limit clearing to what was described here.