

**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 26, 2007

**Inspector:** Lee Curtis, Susan Infalt

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

**Rainfall:** Only traces of precipitation were recorded in the week since the previous inspection. (as reported by NOAA at New Haven, CT).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access roads and adjacent roadways</b>  <b>Orange, CT</b> <b>Orange Center Rd/Route 152, Overland Drive, Russell Ave, Overland Dr (west), Dogwood Rd, Sunset Dr, Saddle Ridge Road/Harbor View Place, Hunting Hill Place, Ridge Rd, and Rolling Ridge Rd.</b>	<b>Clearing/road construction appears to be complete in these sections at this time. No active roadwork was occurring in these sections during the inspection this week.</b> <b>1/26/07.</b>	<b>Continue to monitor. Install mats if necessary.</b> <b>1/26/07.</b>	<b>Not Applicable (NA)</b>
	<b>Mats remain at the non-federally jurisdictional (NFJ) wetland crossing accessed from Sunset Dr.</b> <b>1/26/07.</b>	<b>Continue to monitor.</b> <b>1/26/07.</b>	<b>NA</b>
	<b>Stone pads remain in place at all access roads and sediment tracking was minimal this week.</b> <b>1/26/07</b>	<b>Continue to monitor for sediment tracking. Sweep roadways as necessary.</b> <b>1/26/07.</b>	<b>Needs regular attention</b>
	<b>“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.</b>	<b>Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation as needed. See Erosion Control Section for more detail.</b> <b>1/26/07.</b>	<b>CB controls in place. Improve as necessary.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Treat Lane</b>	1/26/07. Access road construction will resume and the road will be extended to the wetland area here. 1/26/07	Continue to monitor and add controls as necessary. 1/26/07	NA
<b>Pine Tree Drive</b>	Access road construction resumed through a wetland to the east of Pine Tree Dr. Timber mats are in place. 1/26/07	Continue to monitor and add controls as necessary. 1/26/07	NA
<b>Edward Court</b>	A silt sack and haybales were installed in the adjacent catch basin. 1/26/07	None at this time. 1/26/07	CB controls were installed proactively.
<b>Milford, CT Shelland Street</b>	Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. 1/26/07.	Continue to monitor. 1/26/07.	NA
<b>Plains Road to Oronoque Rd, Lexington Lane</b>	Clearing and access road construction appears to be complete within the ROW in these sections. 1/26/07.	Continue to monitor. 1/26/07.	NA
<b>Woodbridge, CT Pease Road</b>	No active work was noted here this week. Additional mats are in place along the access road here. 1/26/07.	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. 1/26/07.	NA
<b>Glen Dam Reservoir</b>	Clearing and access road construction appear complete. A culvert and riprap outlet pad were installed at the access road. 1/26/07	Continue to monitor. 1/26/07	NA
<b>Foundation and site construction Orange, CT Orange Center Rd, Russell Ave, Dogwood Rd, Sunset Dr, and Overland Dr.</b>	There was no active foundation work observed in these sections this week. Structures had been for installation off Route 152 east. 1/26/07.	See Dewatering and EC Sections. 1/18/07.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Pine Tree Drive</b></p> <p><b>Racebrook Road.</b></p> <p><b>Edward Court</b></p> <p><b>Woodruff Road (Milford/Orange, CT)</b></p> <p><b>Milford , CT Shelland Street</b></p> <p><b>Woodbridge, CT Glen Dam Reservoir</b></p>	<p><b>Several stone pads were constructed off Pine Tree Rd. to both the eastern and western sections of ROW. 1/26/07</b></p> <p><b>One foundation was in place for the second line of structures off Russell Ave. 1/26/07.</b></p> <p><b>A timber mat crane pad was installed in an approved wetland location off Racebrook Rd. 1/26/07</b></p> <p><b>A stone pad was constructed off Edward Ct. Drilling has not started yet. 1/26/07</b></p> <p><b>A stone pad has also been constructed here in preparation for drilling. 1/26/07</b></p> <p><b>Clearing, and other preparation is occurring at the proposed East Devon Substation site. 1/26/07.</b></p> <p><b>Old, existing structures are beginning to be removed. 1/26/07</b></p>	<p><b>See erosion control section. 1/26/07.</b></p> <p><b>See Dewatering and EC Sections. 1/26/07.</b></p> <p><b>See erosion control section. 1/26/07</b></p> <p><b>See erosion control section. 1/26/07</b></p> <p><b>None at this time. 1/26/07</b></p> <p><b>None at this time. 1/26/07</b></p> <p><b>None at this time. See erosion control section 1/26/07</b></p>	<p><b>NA</b></p> <p><b>NA</b></p> <p><b>NA</b></p> <p><b>NA</b></p> <p><b>NA</b></p> <p><b>NA</b></p>
<p><b>Erosion and sediment controls</b></p> <p><b>Orange, CT</b></p> <p><b>Russell Ave</b></p> <p><b>Sunset Dr and Overland Drive</b></p>	<p><b>Roots have been retained in most cleared areas to maintain some soil stability. 1/26/07.</b></p> <p><b>Ruts remain within the ROW here. Soils are too soft to support equipment. 11/20-1/26/07.</b></p> <p><b>Sediment has built up around the catch basins off Sunset Dr and Overland Dr. Silt-saks still appear to be functioning properly.</b></p>	<p><b>None. Continue to temporarily stabilize disturbed soils as necessary 1/26/07.</b></p> <p><b>Stabilize soil (tracks) as it becomes necessary. 11/20-1/26/07.</b></p> <p><b>Continue to monitor for sediment tracking. Sweep roadways and areas around catch basins as necessary. 1/11-1/26/07.</b></p>	<p><b>NA</b></p> <p><b>NA at this time</b></p> <p><b>Needs proactive attention when feasible.</b></p>

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<b>Racebrook Rd.</b>	<p>functioning properly here. 1/11-1/26/07.</p> <p>Silt fence remains intact at the wetland crossing accessed from Sunset Dr. and off Overland Dr. (east) 1/26/07.</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. 1/26/07.</p>	<p>Continue to monitor and maintain as necessary. 11/20-1/26/07.</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. 1/18-1/26/07.</p>	<p>NA</p> <p>Needs proactive attention when feasible</p>
Edward Court	<p>Silt fence was installed along the edge of a new timber mat crane pad in a wetland off Racebrook Rd. 1/26/07</p>	<p>Continue to monitor and adjust controls as necessary. 1/26/07</p>	<p>Silt fence installed proactively.</p>
Dogwood Road and Treat Lane	<p>Silt fence was installed along the stone pad here in preparation for drilling. 1/26/07</p>	<p>Continue to monitor and adjust controls as necessary. 1/26/07</p>	<p>Silt fence installed proactively.</p>
Ridge Road	<p>Spoil piles remain on a liner and inactive piles are covered with plastic. 1/26/07.</p>	<p>Continue to monitor. 1/26/07.</p>	<p>NA</p>
Pine Tree Dr	<p>Silt fence remains intact along the work areas here to help prevent impacts to abutting property. 1/26/07.</p>	<p>Continue to monitor. 1/26/07.</p>	<p>NA</p>
Saddle Ridge Rd/Harbor View Place	<p>Haybales were installed along the edge of the timber mat wetland crossing off Pine Tree Dr (east). 1/26/07</p>	<p>Continue to monitor and maintain as necessary. 1/26/07.</p>	<p>NA</p>
Woodruff Road (Milford/Orange)	<p>Silt fence and filter socks remain at the work area for proposed structure #3883. 1/26/07.</p>	<p>Continue to monitor and maintain as necessary. 1/26/07.</p>	<p>NA</p>
Woodruff Road (Milford/Orange)	<p>Stone and silt fence check dams were noted along the ROW. Silt fence was</p>	<p>Continue to monitor and maintain as necessary. 1/26/07</p>	<p>Silt fence and check dams installed proactively.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT Shelland Street</p> <p>Lexington Lane</p> <p>Woodbridge, CT Glen Dam Reservoir</p> <p>Pease Road.</p>	<p>the ROW. Silt fence was also in place down-gradient of a spoil pile. 1/26/07</p> <p>All exposed soil and sediment is contained on site. Silt fence remains intact near the new road location. 1/26/07.</p> <p>Silt fence remains intact adjacent to the wetland off Lexington Ln (east). 1/26/07.</p> <p>Silt fence was installed along the access road in appropriate locations. Areas of disturbed soil were mulched with hay. 1/26/07</p> <p>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. 1/26/07</p>	<p>1/26/07.</p> <p>Continue to monitor. 1/26/07.</p> <p>Continue to monitor. 1/26/07.</p> <p>Continue to monitor this area carefully due to the adjacent reservoir. Adjust controls as needed.</p> <p>Continue to install mats and erosion controls where necessary. 1/26/07.</p>	<p>proactively.</p> <p>NA</p> <p>NA</p> <p>Disturbed soil was mulched proactively</p> <p>NA at this time</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b> <i>Contractors have stated that all wetlands within current activity areas are not under federal jurisdiction 11/29/06</i></p> <p>Orange, CT Orange Center Drive (west)</p> <p>Pine Tree Drive</p>	<p>The ACOE permit is now in hand and approved wetland work can begin. 1/26/07.</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. 1/5-1/26/07.</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. 1/18-1/26/07.</p> <p>Clearing was noted in the</p>	<p>Follow general guidelines of the permit whenever work in wetlands occurs. 1/26/07</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. 1/26/07.</p> <p>Poles should be removed from the wetland when feasible. Take care to minimize disturbance to the wetland here. 1/18-1/26/07.</p> <p>Continue to monitor.</p>	<p>NA</p> <p>NA</p> <p>Needs attention when feasible</p> <p>NA</p>



Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Plains Rd to Oronoque Rd</b></p> <p><b>Woodbridge, CT</b></p> <p><b>Pease Road</b></p> <p><b>Glen Dam Reservoir</b></p>	<p><b>proposed East Devon Substation Site and road relocation continues. 1/26/07.</b></p> <p><b>Clearing activities appear complete within the ROW from Plains Road to Oronoque Rd. 1/26/07.</b></p> <p><b>No active clearing was noted. Major clearing will be necessary in the future for the relocation of the ROW here. 1/26/07</b></p> <p><b>Clearing also appears complete in this section. Disturbed soil was temp. stabilized with mulch. 1/26/07</b></p>	<p><b>stabilization. Retain as much vegetation as possible for screening. 1/26/07.</b></p> <p><b>Continue to monitor. 1/26/07.</b></p> <p><b>Continue to confirm that all clearing/cutting is limited only to areas defined in D&amp;M plan. 1/26/07</b></p> <p><b>Continue to stabilize soil as feasible and retain vegetation as a buffer. 1/26/07</b></p>	<p><b>NA</b></p> <p><b>NA</b></p> <p><b>Disturbed soil was mulched.</b></p>
<p><b>Dewatering</b></p> <p><b>Orange, CT Treat Lane, Pine Tree Drive (east &amp; west), Hall Drive</b></p> <p><b>Russell Ave, Sunset Dr, and Overland Dr.</b></p> <p><b>Milford, CT</b> <b>Lexington Lane, Plains Rd. to Oronoque Rd.</b></p>	<p><b>Dewatering containment areas have been pro-actively placed at these new drilling sites. This includes silt fence and haybale corrals. Drilling has not started yet here. 1/26/07.</b></p> <p><b>A large dewatering containment area was constructed off Russell Ave, for receiving water trucked in from nearby work areas. 1/26/07.</b></p> <p><b>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.</b></p> <p><b>Dewatering containment areas have been pro-actively placed at these</b></p>	<p><b>Continue to monitor and adjust controls as necessary. 1/26/07.</b></p> <p><b>Continue to monitor and adjust controls as necessary. 1/26/07.</b></p> <p><b>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.</b></p> <p><b>Continue to monitor and adjust controls as necessary. 1/26/07.</b></p>	<p><b>Dewatering areas installed proactively.</b></p> <p><b>Large dewatering area installed proactively.</b></p> <p><b>Continue to evaluate.</b></p> <p><b>Dewatering containment areas were installed proactively.</b></p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>new drilling sites. This includes silt fence and haybale corrals. 1/26/07.</b>		
<b>Blasting</b>	<b>No blasting is proposed at this time. 1/26/07.</b>	<b>None</b>	<b>NA</b>
<b>Spills, soils and material storage.</b>	<b>Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for Segment 3 construction. 1/26/07.</b>	<b>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. 1/26/07.</b>	<b>NA</b>
<b>Additional Observations</b>	<b>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. 1/18-1/26/07</b>	<b>Noted for the record. 1/18-1/26/07</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Thursday February 1, 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



**Dewatering basin constructed off Russell Ave. Water from other nearby work areas are being trucked to this location for containment/filtration. Filter socks are located downgradient.**



**The pile of wood chips remains in a “depression” along the ROW off Hunting Hill Place. File should be removed or spread appropriately when feasible.**



**A new crane pad was installed off Racebrook Rd. in an approved wetland location. Silt fence was installed along the pad.**



**View of a stone pad installed off Edward Court. Silt fence is also in place but drilling has not begun yet.**



**View of access road construction in a wetland area off Pine Tree Dr. (east). Timber mats and haybales were in place along the crossing.**



**View of a stone pad constructed off Pine Tree Dr. (west) adjacent to a wetland area. A dewatering basin has also been set up proactively. Monitor carefully while in use.**



**View of the ROW off Pine Tree Dr (west) where some clearing was needed and done by hand in the wetland area.**



**Overall view of Treat Lane. The access road here will be extended to the wetland area.**



**View of access road and clearing in the ROW section between Plains Rd to Oronoque Rd.**



**A dewatering basin was constructed in this section proactively.**



**View of clearing stone pad construction and spoil pile along the ROW off Woodruff Rd. Silt fence was installed downgradient of the stockpile.**



**Another view off Woodruff Rd. Stone and silt fence check dams were in place along the ROW.**



**Clearing and access road construction appear complete in the Glen Dam section of the ROW. Some structures were being removed and silt fence was in place along the access road in appropriate areas.**



**A culvert and riprap outlet was installed in the access road in the Glen Dam section of ROW.**



**Looking towards Glen Dam Reservoir from the access road. Silt fence is in place and mulch was spread on some of the disturbed soil areas. Monitor the area carefully during construction.**



**Mulch was placed on disturbed slopes near the access road. Continue to watch for and mitigate erosion in this area.**