

**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:** February 16, 2007

**Inspector:** Lee Curtis

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

**Rainfall:** A total of 0.55” of precipitation were recorded on 2/14 with additional traces 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>  Orange, CT Ridge Rd, Rolling Ridge Rd, Sunset Dr, Hall Dr, Edward Ct, Racebrook Rd, Overland Dr, Hunting Hill Pl, Harbor View, Saddle Ridge, Route 152, Treat Lane, Pine Tree Dr, Lambert Rd, Russell Ave, and Hunting Hill Rd	<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. 2/16/07</b>	<b>Continue to monitor. Install mats if necessary. 2/16/07</b>	<b>Not Applicable (NA)</b>
	<b>Mats remain at the wetland crossings in these sections. 2/16/07</b>	<b>Continue to monitor. 2/16/07</b>	<b>NA</b>
<b>Dogwood Road</b>	<b>Additional clearing for structure access was noted within the wetland off Dogwood Rd (east) this week. 2/16/07</b>	<b>Continue to monitor and minimize impact as feasible. 2/16/07</b>	<b>NA</b>
<b>Dogburn Rd to Route 34</b>	<b>Clearing and access road construction continues in this section this week. 2/16/07</b>	<b>Continue to monitor and add controls as necessary. 2/16/07</b>	<b>NA</b>
<b>All access roads (above)</b>	<b>Stone pads remain in place at all entrances to access roads and sediment tracking was not an issue on roadways this week. 2/16/07</b>	<b>Continue to monitor for sediment tracking. Sweep roadways as necessary. 2/16/07</b>	<b>Needs regular attention</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><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. 2/16/07</b></p>	<p><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. 2/16/07</b></p>	<p><b>CB controls in place. Improve as necessary.</b></p>
<p><b>Milford, CT Shelland Street</b></p>	<p><b>Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. 2/16/07</b></p>	<p><b>Continue to monitor and add controls as necessary. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Caswell Street</b></p>	<p><b>Clearing and access road construction was noted here this week. 2/16/07</b></p>	<p><b>Continue to monitor and add controls as necessary. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Whealers Farm Road</b></p>	<p><b>Clearing and access road construction continues here. 2/16/07</b></p>	<p><b>Continue to monitor and add controls as necessary. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Plains Road to Oronoque Rd, Lexington Lane, Woodruff Road, and Route 121</b></p>	<p><b>Clearing and access road construction appears to be complete in these sections at this time. 2/16/07</b></p>	<p><b>None at this time. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Woodbridge, CT Pease Road</b></p>	<p><b>No active work was noted here this week. 2/16/07. Additional mats remain along the access road.</b></p>	<p><b>Continue to monitor. The contractor states that this wetland was removed from the most recent version of the D&amp;M plan, but flags were staked in the field. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Glen Dam Reservoir ( Dillon Road to Morris Road)</b></p>	<p><b>Clearing and access road construction appear complete in these sections at this time. 2/16/07</b></p>	<p><b>Continue to monitor. 2/16/07</b></p>	<p><b>NA</b></p>
<p><b>Hamden, CT 115-kV underground transmission line</b></p>	<p><b>Trenching and backfilling was noted this week along Old Lane Rd. Silt saks were installed within catch basins near active work areas here. 2/16/07</b></p>	<p><b>Continue to monitor and attend to sediment/slurry as soon as it is generated during sawcutting activities. 2/16/07</b></p>	<p><b>CB controls were in place.</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Foundation and site construction</b> <b>Orange, CT</b> <b>Sunset Dr, Overland Dr, Route 152, Ridge Rd, Edward Ct, Racebrook Rd, Hall Dr, and Russell Ave</b>	<b>Foundation work appears to be complete in these sections at this time. Some structures have been delivered for installation in these areas.</b> <b>2/16/07</b>	<b>See Dewatering and EC Sections. 2/16/07</b>	<b>NA</b>
<b>Hunting Hill Rd, Hunting Hill Place, and Harbor View/Saddle Ridge</b>	<b>Timber mat and stone crane pads are in place, but foundation work has not begun in these sections.</b> <b>2/16/07</b>	<b>See Dewatering and EC Sections. 2/16/07</b>	<b>NA</b>
<b>Treat Lane</b>	<b>Foundation work has not yet begun for structures located to the east of wetland crossing here. Stone pads are in place.</b> <b>2/16/07</b>	<b>See Dewatering and EC Sections. 2/16/07</b>	<b>NA</b>
<b>Lambert Rd and Rolling Ridge Rd</b>	<b>Foundations were poured in these sections this week.</b> <b>2/16/07</b>	<b>See Dewatering and EC Sections. 2/16/07</b>	<b>NA</b>
<b>Milford , CT</b> <b>Shelland Street</b>	<b>Site preparation continues at the proposed East Devon Substation site.</b> <b>2/16/07</b>	<b>See Dewatering and EC Sections. 2/16/07</b>	<b>NA</b>
<b>Lexington Lane, Wheelers Farm Road, and Woodruff Rd</b>	<b>Old, existing structures continue to be removed in these sections.</b> <b>2/16/07</b>	<b>None at this time.</b> <b>2/16/07</b>	<b>NA</b>
<b>Rt 121 (west) and Wheelers Farm Rd.</b>	<b>Foundation work has not begun yet but a timber mat crane pad remains adjacent to the wetland off Rt 121 and stone pads are in place off Wheelers Farm Rd.</b> <b>2/16/07</b>	<b>None at this time. See EC section.</b> <b>2/16/07</b>	<b>NA</b>
<b>Woodbridge, CT</b> <b>All active roads</b>	<b>There is no active foundation work in these sections at this time.</b> <b>2/16/07</b>	<b>None at this time.</b> <b>2/16/07</b>	<b>NA</b>
<b>Erosion and sediment controls</b> <b>Orange, CT</b> <b>Russell Ave</b>	<b>Roots have been retained in most cleared areas to maintain some soil stability.</b> <b>2/16/07</b> <b>Some ruts remain within the ROW here. Soils are</b>	<b>None. Continue to temporarily stabilize disturbed soils as necessary</b> <b>2/16/07</b> <b>Stabilize soil (tracks) as it becomes necessary.</b>	<b>NA</b> <b>NA at this time</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Sunset Dr and Overland Drive	<p>the ROW here. Soils are too soft to support equipment. 11/20-2/16/07</p> <p>The plastic covering should be adjusted on the spoil piles in some areas. 2/16/07</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. 1/11-2/16/07</p> <p>Silt fence remains intact at the wetland crossing accessed from Sunset Dr. and at the wetland area off Overland Dr. (east) 2/16/07.</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. The silt fence remains intact at the spoil pile near the wetland here. 2/16/07</p>	<p>becomes necessary. 11/20-2/16/07</p> <p>Adjust plastic on spoil piles as needed. 11/20-2/16/07</p> <p>Continue to monitor for sediment tracking. Sweep roadways and areas around catch basins as necessary. 1/11-2/16/07</p> <p>Continue to monitor and maintain as necessary. 11/20-2/16/07</p> <p>Adjust plastic covers and maintain silt fence as necessary. 1/18-2/16/07.</p>	<p>Needs proactive attention when feasible.</p> <p>NA</p> <p>Needs proactive attention when feasible</p>
Orange Center Rd/Route 152	<p>Silt fence remains intact at the small wetland area to the west of Route 152. 2/16/07</p> <p>Spoil piles remain partially covered with plastic in the ROW here. Plastic covering should be adjusted in some areas. 2/16/07</p>	<p>Continue to monitor and adjust controls as necessary. 2/16/07</p> <p>Adjust plastic covers as necessary. 2/16/07.</p>	<p>NA.</p> <p>Needs proactive attention when feasible</p>
Lambert Road	<p>Silt fence and haybales remain intact at the base of the stone crane pad and along the access road here. Steep, exposed slopes are a result of the</p>	<p>Continue to monitor and adjust controls as necessary. Consider additional stabilization of the slope especially when the ground thaws</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Rolling Ridge Road</b>	<p>slopes are a result of the pad construction. 2/16/07</p> <p>The spoil pile here has not yet been covered with plastic, but it appears to be contained on site. 2/16/07</p>	<p>the ground thaws. 2/16/07</p> <p>Inactive piles should be covered with plastic when feasible. 2/16/07</p>	<p>Needs proactive attention when feasible</p>
<b>Racebrook Rd.</b>	<p>Silt fence is toed in but slumping in some areas along the edge of the crane pad at the wetland off Racebrook Rd. 2/1-2/16/07</p>	<p>Repair/maintain controls here. Continue to monitor. 2/1-2/16/07</p>	<p>Silt fence installed but needs some attention</p>
<b>Edward Court</b>	<p>Silt fence remains intact along the stone pad and the haybales/silt sak continue to protect the catch basin here. Mulch is in place on disturbed soils. 2/16/07</p>	<p>Continue to monitor. 2/16/07</p>	<p>NA</p>
<b>Hall Drive</b>	<p>The spoil pile here should be covered when feasible. 2/16/07</p>	<p>Inactive spoil piles should be covered when feasible. 2/16/07</p>	<p>Needs proactive attention when feasible</p>
<b>Treat Lane</b>	<p>All spoil piles are on liners and remain partially covered with plastic. The plastic covering should be adjusted in some areas. 2/16/07</p>	<p>Continue to monitor and adjust plastic as necessary. 2/16/07</p>	<p>NA</p>
<b>Ridge Road</b>	<p>Silt fence remains intact along the work areas here to help prevent impacts to abutting property. 2/16/07</p>	<p>Continue to monitor and maintain as necessary. 2/16/07</p>	<p>NA</p>
<b>Pine Tree Dr</b>	<p>Haybales remain along the edge of the timber mat wetland crossing off Pine Tree Dr (east). Silt fence remains intact at the small wetland area off Pine Tree Dr (west). 2/16/07</p>	<p>Continue to monitor and maintain as necessary. 2/16/07</p>	<p>NA</p>
<b>Saddle Ridge Rd/Harbor View Place</b>	<p>Silt fence and filter socks remain at the work area</p>	<p>Continue to monitor and maintain as necessary.</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Hunting Hill Road	<p>for proposed structure #3883. 2/16/07</p> <p>Silt fence remains at the matted wetland here. 2/16/07</p>	<p>2/16/07</p> <p>Continue to monitor and maintain as necessary. 2/16/07</p>	NA
Milford, CT Route 121	<p>Stone and silt fence check dams remain along the ROW here. Silt fence remains at the wetland down-gradient of the spoil pile (east) and along the crane pad (west). 2/16/07</p>	<p>Continue to monitor and maintain as necessary. 2/16/07</p>	NA.
Shelland Street	<p>All exposed soil and sediment is contained on site. Silt fence remains intact near the new road location. 2/16/07</p>	<p>Continue to monitor. 2/16/07</p>	NA
Lexington Lane (east)	<p>Silt fence and haybales remain downgradient of the crane pad for proposed structure #3826. Hay mulch was placed along disturbed slopes. 2/16/07</p>	<p>Continue to monitor. 2/16/07</p>	<p>The slopes were mulched for temporary stabilization. (proactively)</p>
Plains Rd to Oronoque	<p>Hay mulch was applied to disturbed slopes along portions of the ROW here. 2/16/07</p>	<p>Continue to monitor. 2/16/07</p>	<p>The slopes were mulched for temporary stabilization. (proactively)</p>
Wheelers Farm Road (west)	<p>Silt fence remains intact at the wetland adjacent to the access road here. Hay mulch is in place along disturbed slopes. 2/16/07</p>	<p>Continue to monitor. 2/16/07</p>	<p>The slopes were mulched for temporary stabilization. (proactively)</p>
Woodbridge, CT Glen Dam Reservoir	<p>Silt fence was installed along the access road in appropriate locations. Mulch is in place in areas of disturbed soil. 2/16/07</p>	<p>Continue to monitor this area carefully due to the adjacent reservoir. Adjust controls as needed. 2/16/07</p>	NA
Pease Road.	<p>Mats remain within the access road and in proposed structure locations within the ROW off Pease Road. Soil is saturated here and prone</p>	<p>Continue to install mats and erosion controls where necessary. 2/16/07.</p>	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	to rutting. 2/16/07		
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>The ACOE permit is in hand and approved wetland work continues. 2/16/07</b>	<b>Follow general guidelines of the permit whenever work in wetlands occurs. 2/16/07</b>	<b>NA</b>
<b>Orange, CT Pine Tree Drive</b>	<b>The H-frame structure that had been stored in the small wetland pocket of Pine Tree Drive (west) has been removed. 2/16/07</b>	<b>Take care to minimize disturbance to the wetland here. 2/16/07</b>	<b>The old H-frame structure was removed from the wetland.</b>
<b>Orange Center Drive (west)</b>	<b>Stormwater continues to pool at the access road located across from the wetland area off Orange Center Drive (west). Silt fence remains intact here. 1/5-2/16/07</b>	<b>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. 1/18-2/16/07</b>	<b>NA</b>
<b>Sunset Drive, Pine Tree Rd (east), and Lambert Rd</b>	<b>Mats remain at the wetland crossing here. A stone wetland crossing is in place at Lambert Rd. 2/16/07</b>	<b>Continue to monitor. 2/16/07</b>	<b>NA</b>
	<b>ATV tracks were noted in the wetland areas within the ROW off Pine Tree Rd. The ruts are not project related but ATVs appear to be using the wetland for access due to the gate across the access road. 2/16/07</b>	<b>Continue to monitor. Although disturbance is not project related, consider putting up construction fence at the wetland edge as a deterrent. 2/16/07</b>	<b>Needs evaluation (non-project related)</b>
<b>Russell Ave and Racebrook Rd.</b>	<b>Timber mat crane pads remain in the wetland areas here. An approved foundation was installed in the wetland off Russell Ave. 2/16/07</b>	<b>Continue to monitor. 2/16/07</b>	<b>NA at this time</b>
<b>Hunting Hill Rd and Rt 121 (Milford, CT)</b>	<b>Timber mat crane pads remain adjacent to/in wetlands. 2/16/07</b>	<b>Continue to monitor. 2/16/07</b>	<b>NA at this time</b>
<b>Woodbridge, CT Pease Road</b>	<b>Mats remain at the potential wetland area here. 2/16/07</b>	<b>Continue to monitor. The contractor states that this wetland was removed</b>	<b>NA at this time</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		from the most recent version of the D&M plan, but flags were staked in the field. 2/16/07	
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 current active work areas. 2/16/07	None. 2/16/07	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>Route 34 and Dogburn Road</p> <p>Milford , CT Shelland Street</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. 2/16/07</p> <p>Wood chips have been spread along the upland portions of the cleared ROW in these sections. 2/16/07</p> <p>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, Route 152, and Lambert Road. 1/11-2/16/07</p> <p>Clearing continues within these sections of ROW this week. Some wetland clearing was done by hand. 2/16/07</p> <p>Vegetative clearing associated with the proposed East Devon Substation Site and road relocation continues. No active work was observed</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&amp;M plan. Provide as much buffer as possible for homeowners. 2/16/07</p> <p>Continue to maintain a depth of 3” or less so vegetative growth is not inhibited. 2/16/07</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3” or less. 1/11-2/16/07</p> <p>Continue to retain appropriate vegetation for stabilization and as much as possible for screening. 2/16/07</p> <p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. 2/16/07</p>	<p>NA.</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>Some wetland clearing was performed by hand to reduce impacts.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Whealers Farm Road (east)</p> <p>Woodbridge, CT Pease Road</p>	<p>this week. 2/16/07</p> <p>Clearing and road continues in this section. 2/16/07</p> <p>No active clearing was noted. Major clearing will be necessary in the future for the relocation of the ROW here. 2/16/07</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. 2/16/07</p> <p>Continue to confirm that all clearing/cutting is limited only to areas defined in D&amp;M plan. 2/16/07</p>	<p>NA</p> <p>NA</p>
<p><b>Dewatering</b></p> <p>Orange, CT Pine Tree Drive (east &amp; west), Saddle Ridge/ HarborView, Hunting Hill Place, Dogwood, Rolling Ridge Road, Road and Route 34 to Dogburn Rd.</p> <p>Russell Ave</p> <p>Milford, CT Route 121, Woodruff Rd, Lexington Lane, Wheelers Farm Road, Caswell Street and Plains Rd. to Oronoque Rd.</p>	<p>Dewatering containment areas have been pro-actively placed within the ROW in these sections. This includes silt fence and haybale corrals and dewatering basins. With the exception of Rolling Ridge, drilling has not begun in these sections yet. 2/16/07</p> <p>The large dewatering containment area remains off Russell Ave for receiving water trucked in from nearby work areas. Although sediment/slurry was noted beyond the basin, secondary controls were installed downgradient to prevent sedimentation to adjacent property. 2/9-2/16/07</p> <p>Dewatering basins have been pro-actively placed at these new drilling sites. 2/16/07</p>	<p>Continue to monitor and adjust controls as necessary. 2/16/07</p> <p>Continue to monitor and adjust controls as necessary. Attempt to construct basins with adequate capacity. 2/9-2/16/07</p> <p>Continue to monitor and adjust controls as necessary. 2/16/07</p>	<p>Dewatering areas installed proactively.</p> <p>Secondary controls remain in place to contain the slurry</p> <p>Dewatering containment areas were installed proactively.</p>
<p><b>Blasting</b></p>	<p>No blasting is proposed at this time. 2/16/07</p>	<p>None</p>	<p>NA</p>
<p><b>Spills, soils and material storage.</b></p>	<p>Contractor receiving yard is set up near Shelland St. in Milford. This also appears to be used for</p>	<p>In general, store materials and equipment appropriately. Ensure that vehicles are</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<b>Segment 3 construction. 2/16/07</b>	<b>equipped with spill kits. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 2/16/07</b>	
<b>Additional Observations</b>	<b>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. 1/18-2/16/07</b>	<b>Noted for the record. 1/18-2/16/07</b>	<b>NA</b>

**Next likely scheduled inspection:** Friday, February 22, 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



Silt saks were installed within the catch basins in the vicinity of the 115kv underground work in Hamden.



View of the trenching within the existing ROW in Hamden. Steel plates are used for temporary cover along the open trenches.



View of an open trench with installed conduit approaching Old Lane Rd.



View of backfilling and patching the trench along Old Lane Road.



**Hay mulch was applied to the disturbed slopes at the crane pad off Lexington Lane (east).**



**Hay mulch was applied to the disturbed slopes along portions of the access road from Plains Road to Oronoque Rd.**



**Dewatering controls were installed proactively within the ROW off Caswell Street.**



**Hay mulch was applied to the disturbed areas within the ROW off Woodruff Road.**



**Overall view of the wetland crossing off Treat Lane (east).**



**Close up view of the wetland crossing (with culvert) off Treat Lane. No turbidity has been observed.**



**The poles have been removed from the wetland off Pine Tree Drive (west). ATVs have been driving through the wetland here due to the locked gate at the access road.**



**The foundation has been poured within the ROW off Lambert Road. The adjacent spoil pile should be covered with plastic when feasible.**



**View of the two foundations installed off Rolling Ridge Road.**



**View of the completed foundation within the ROW off Edward Ave. Silt fence remains intact here.**



**A dewatering basin was installed proactively within the ROW off Dogwood Road (east).**



**Clearing for structure access had begun in the wetland off Dogwood Road (east) this week.**