

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: December 14, 2006

Inspector: Lee Curtis and Susan Infalt

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

Rainfall: Total of 0.19” rain recorded on 12/13 (as reported by NOAA at New Haven, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways Orange, CT- Russell Ave, Overland Drive, Russell Ave, Dogwood Road, and Sunset Drive	Clearing and access road construction was noted along areas of the ROW accessed from Russell Ave, Overland Dr, Dogwood Lane, and Sunset Dr. Ruts remain in the soil adjacent to the access road off Russell Ave, but sedimentation is not an issue here. 12/14/06	Continue to monitor. Install mats if it becomes necessary in soft soils. 12/14/06	Not Applicable (NA)
	Mats are in place at the wetland crossing accessed from Sunset Dr. We were informed this wetland is not under federal jurisdiction (NFJ). 12/14/06.	Continue to monitor. 12/14/06.	NA
Orange, CT - Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, Ridge Road, Rolling Ridge Road, and Treat Lane)	Active clearing and access road construction was observed in the ROW accessed from Route 152, Saddle Ridge Rd, Hunting Hill Rd, Pine Tree Dr, Ridge Road, Rolling Ridge Rd, and Treat Lane. 12/14/06.	Continue to monitor. Install mats if it becomes necessary in soft soils. 12/14/06.	NA
Orange, CT (all roads)	Stone pads were in place at all access roads and sediment tracking was	Continue to monitor for sediment tracking. Sweep roadway as necessary.	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT (Shelland Street)</p> <p>Woodbridge, CT (Pease Road)</p>	<p>minimal. 12/14/06.</p> <p>“Silt saks” (or similar) were installed in all catch basins within the vicinity of the constructed access roads. 12/14/06.</p> <p>Activities associated with the relocation of Shelland St continue near the proposed East Devon Substation site. 12/14/06.</p> <p>Clearing and access road construction continues in this section. A section of wetland (NFJ) is matted here to provide access to the proposed structure locations. Tracks/ruts were noted in the wetland. 12/14/06.</p>	<p>12/14/06</p> <p>See Erosion Control Section for more detail. 12/14/06.</p> <p>Continue to monitor. 12/14/06</p> <p>Continue to monitor. It is unclear if the tracks are project related. 12/14/06.</p>	<p>CB controls in place. Improve as necessary.</p> <p>NA</p> <p>NA</p>
<p>Foundation and site construction</p> <p>Orange, CT (Russell Ave, Overland Drive, Russell Ave, Dogwood Road, Sunset Drive, Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, and Treat Lane)</p> <p>Milford, CT (Shelland Street)</p>	<p>Foundation drilling/pouring continues within the ROW off Sunset Drive and Russell Ave. 12/14/06.</p> <p>Foundation construction is nearly complete for the first line of structures (#3865, 3866, and 3867) off Sunset Dr. The second structure off Sunset Dr is located adjacent to the wetland. 12/14/06.</p> <p>Foundation construction is nearly complete for the first line of structures (#3871, 3872, and 3873) off Russell Ave. The third structure is located near a wetland (NFJ). 12/14/06.</p> <p>Activities associated with the relocation of Shelland St continue. Clearing, trenching, and other preparation is occurring at the proposed East Devon Substation site.</p>	<p>See Dewatering and EC Sections. 12/14/06.</p> <p>See Dewatering and EC Sections 12/14/06.</p> <p>See Dewatering and EC Sections 12/14/06.</p> <p>None at this time. 12/14/06.</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	12/14/06.		
<p>Erosion and sediment controls</p> <p>Orange, CT (Russell Ave, Overland Drive, Russell Ave, Dogwood Road, Sunset Drive, Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, and Treat Lane)</p>	<p>Roots have been retained in most cleared areas to maintain some soil stability. 12/14/06.</p> <p>Soils adjacent to the access road off Russell Ave may be too soft to support equipment. Ruts remain within the ROW here. 11/20-12/1406.</p> <p>All spoil piles were placed on a liner and covered with plastic within the ROW off Russell Ave. 12/14/06.</p> <p>Silt fence is intact at the wetland crossing accessed from Sunset Dr. 12/14/06.</p> <p>All spoil piles were placed on a liner in an upland area and partially covered with plastic in the ROW off Sunset Dr. However, controls were not in place downgradient of the stockpile adjacent to the wetland. 12/14/06</p> <p>Silt fence was in place at the small wetland (NFJ) area located on the western side of Pine Tree Drive. 12/14/06.</p> <p>Silt fence has been installed at the wetlands (NFJ) within the ROW located off Orange Center Road/Rt 152 (west) and Pine Tree Drive (west). Clearing activities were noted here. 12/14/06.</p> <p>“Silt saks” (or similar) are</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary 12/14/06.</p> <p>Stabilize soil (tracks) as it becomes necessary. 11/20-12/14/06.</p> <p>Continue to monitor and maintain as necessary. 12/14/06</p> <p>Continue to monitor and maintain as necessary. 11/20-12/14/06.</p> <p>Silt fence should be installed down-gradient to the spoil pile located near the wetland. Spoil should be completely contained within haybales/silt fence or plastic covering when drilling is complete. See Dewatering Section. 12/14/06.</p> <p>Continue to monitor and maintain as necessary. 12/14/06.</p> <p>Continue to monitor and maintain as necessary. 12/14/06.</p> <p>Continue to monitor and</p>	<p>NA</p> <p>NA</p> <p>Spoil piles are contained (proactive).</p> <p>NA</p> <p>Some coverage was provided but still needs attention.</p> <p>NA</p> <p>NA</p> <p>CB controls in place.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT (Shelland Street)</p>	<p>in place in all catch basins within the vicinity of the project work. Silt sack fabric was pulled over the curb inlet at those catch basins located immediately adjacent to the constructed access roads. 12/14/06.</p> <p>All exposed soil and sediment is contained on site. Silt fence was installed adjacent to the new road location. 12/14/06.</p>	<p>evaluate methods to protect the curb drop inlet and prevent sedimentation. 11/29-12/14/06.</p> <p>Continue to monitor. 12/14/06</p>	<p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Orange, CT (Russell Ave, Sunset Drive, Dogwood Road, Orange Center Road/Route 152, Pine Tree Drive and Hunting Hill Place)</p> <p><i>Contractors have stated that all wetlands within current activity areas are not under federal jurisdiction 11/29/06</i></p>	<p>Federally jurisdictional wetlands and associated buffers will not be accessed until the ACOE permit is in hand 11/20-12/14/06.</p> <p>A matted crossing is in place at the wetland located in the ROW off Sunset Dr. Silt fence is in place. 12/14/06.</p> <p>Clearing activities are taking place near the wetlands within the ROW located off Orange Center Road/Route 152 (west) and Pine Tree Drive (west). Silt fence has been installed in both areas. 12/14/06.</p> <p>Last week, clearing activities were also noted near the wetland located off Dogwood Road (east). Some wetland flags were missing here, but it appeared 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. 12/14/06.</p>	<p>Maintain federally jurisdictional wetlands and buffer zone until ACOE permits allow access. 11/20-12/14/06.</p> <p>Continue to maintain erosion controls where necessary. 12/14/06.</p> <p>Continue to monitor. Maintain erosion controls as necessary. 12/14/06.</p> <p>Silt fence is not necessary at this time. Continue to monitor. Confirm that this wetland is not under federal jurisdiction. 12/7-12/14/06.</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>Needs evaluation</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Woodbridge, CT (Pease Road)	<p>A portion of the wetland located off Pease Road has mats in place for stabilization and structure access. 12/14/06.</p> <p>Vehicle tracks were observed within the wetland here. It is unclear if these tracks are project related. 12/14/06.</p>	<p>Continue to install mats and erosion controls where necessary. 12/14/06.</p> <p>If vehicle tracks are project related, this wetland area should be restored. 12/14/06.</p>	<p>NA</p> <p>Needs evaluation.</p>
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. 12/14/06	None 12/14/06.	NA
<p>Vegetative clearing or stabilization</p> <p>Orange, CT (Russell Ave, Overland Drive, Russell Ave, Dogwood Road, Sunset Drive, Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, Ridge Road, Rolling Ridge Road, and Treat Lane)</p> <p>Milford , CT (Shelland Street)</p> <p>Woodbridge, CT (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. 12/14/06.</p> <p>Wood chips were spread along the upland portions of the cleared ROW off Orange Center Rd/152. 12/14/06.</p> <p>Vegetative clearing associated with the proposed East Devon Substation Site and road relocation continues. 12/14/06.</p> <p>Evidence of some minor clearing was noted in the area. Major clearing will be necessary in the future for the relocation of the ROW here. 12/14/06.</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. 12/14/06.</p> <p>Continue to maintain a depth of 3" or less. 12/14/06.</p> <p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening. 12/14/06.</p> <p>Continue to confirm that clearing/cutting is limited only to areas defined in D&M plan. 12/14/06.</p>	<p>NA.</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering Orange, CT (Russell Ave and Sunset Drive)	In general, haybales and filter bags have been pro-actively placed at drilling sites. 12/14/06.	None.	NA
	Dewatering was necessary within the ROW off Sunset Dr. The dewatering areas at the 1 st and 3 rd structures were effectively filtering and releasing water, but a filter bag was not used in conjunction with the haybales at the 2 nd structure. Sediment was flowing toward the wetland here last week. 12/14/06. Filter bags were placed near each drilling site off Russell Ave, but dewatering efforts have been minimal so far. 12/14/06.	A filter bag should be installed within the haybale perimeter to effectively filter the slurry if dewatering efforts are to continue here. 12/7-12/14/06. None 12/14/06	Needs attention if dewatering is to continue here. NA
Blasting	No blasting is proposed at this time. 12/14/06.	None	NA
Spills, soils and material storage	Contractor receiving yard set up near Shelland St. in Milford. 12/14/06. The construction vehicle parked near the wetland (NFJ) off Sunset Dr was removed. 12/14/06.	In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits. 12/14/06. All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 12/14/06	NA Vehicle has been removed.
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Thursday December 21, 2006

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

Reviewer: Diana Walden



View of access road constructed off Route 152 (west). Wood chips have been spread within the ROW here.



Crews were removing existing H-frame structures within the ROW off Route 152 (west) at the time of inspection.



View of the partially covered stockpile located near the NFJ wetland within the ROW off Sunset Drive. Silt fence or additional controls should be installed here.



Clearing has begun in the ROW located off Ridge Road.



View of the work associated with the relocation of Shelland Street in Milford. All exposed soil and sediment is contained on site.



Site preparation associated with the proposed East Devon Substation continues near Shelland Street. All exposed soil and sediment is contained on site.



View of the clearing within the ROW off Rolling Ridge Road. Shrubs were retained where feasible.



Access road construction continues off Rolling Ridge Road.



All spoil piles stored within the ROW off Russell Ave have been covered with plastic. Foundation drilling/pouring is nearly complete.



View of the wetland area located just beyond the third structure off Russell Ave.



View of the wetland area located within the ROW off Pease Road in Milford. Vehicle tracks were observed within the wetland here. It is unclear whether this is project related.



Some additional clearing was noted off Pease Rd as well.