

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, 7 2006

Inspector: Lee Curtis and Susan Infalt

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

Rainfall: Total of 0.49” rain recorded on 12/1 (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. 12/07/06	Continue to monitor. Install mats if it becomes necessary in soft soils. 12/07/06	Not Applicable (NA)
	Mats are in place at the wetland crossing accessed from Sunset Dr. This wetland is not under federal jurisdiction. 12/07/06.	Continue to monitor. 12/0706.	NA
Orange, CT - Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, and Treat Lane)	Active clearing and access road construction were now observed in the ROW accessed from Route 152, Saddle Ridge Rd, Hunting Hill Rd, Pine Tree Dr and Treat Lane. 12/07/06.	Continue to monitor. Install mats if it becomes necessary in soft soils. 12/07/06.	NA
Orange, CT (all roads)	Stone pads were in place at all access roads and sediment tracking was minimal. 12/07/06.	Continue to monitor for sediment tracking. Sweep roadway as necessary. 12/07/06	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford, CT (Shelland Street)</p> <p>Woodbridge, CT (Pease Road)</p>	<p>“Silt saks” (or similar) were installed in all catch basins within the vicinity of the constructed access roads. 12/07/06.</p> <p>Activities associated with the relocation of Shelland St continue. Some clearing and site preparation is occurring at the proposed East Devon Substation site. 12/07/06.</p> <p>Clearing and access road construction continues in this section. A small section of wetland is matted here to provide access to the proposed structure locations. This wetland area is not under federal jurisdiction (NFJ). Active work was not occurring at the time of inspection. 12/07/06.</p>	<p>See Erosion Control Section for more detail. 12/07/06</p> <p>Continue to monitor. 12/07/06</p> <p>Continue to monitor. 12/07/06.</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 as well as at the 1st and 2nd structures off Russell Ave. 12/07/06.</p> <p>Drilling is nearly complete for the first two structures located off Sunset Dr. The second structure off Sunset Dr is located adjacent to the NFJ wetland. 12/07/06.</p> <p>Activities associated with the relocation of Shelland Street continue near the proposed East Devon Substation site. 12/07/06.</p>	<p>See Dewatering and EC Sections. 12/07/06.</p> <p>See Dewatering and EC Sections 12/07/06.</p> <p>None at this time. 12/07/06.</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>Orange, CT (Russell Ave, Overland Drive, Russell</p>	<p>Roots have been retained in most cleared areas to maintain some soil stability. 12/07/06.</p>	<p>None. Continue to temporarily stabilize disturbed soils as necessary 12/07/06.</p>	<p>NA</p>

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<p>Ave, Dogwood Road, Sunset Drive, Orange Center Road/152, Saddle Ridge Road, Hunting Hill Road, Pine Tree Drive, and Treat Lane)</p>	<p>Soils adjacent to the access road off Russell Ave may be too soft to support equipment. Ruts remain within the ROW here. 11/20-12/07/06.</p>	<p>Stabilize soil (tracks) as it becomes necessary. 11/29-12/07/06.</p>	<p>NA</p>
	<p>Silt fence is intact at the wetland crossing accessed from Sunset Dr. 12/07/06.</p>	<p>Continue to monitor and maintain as necessary. 11/20-12/07/06.</p>	<p>NA</p>
	<p>Spoil was placed on a liner in an upland area near the 1st and 2nd structures off Sunset Dr. However, controls were not in place down-gradient of the stockpile adjacent to the NFJ wetland. 12/07/06</p>	<p>Silt fence or haybales should be installed or the spoil pile should be covered in plastic to contain potential sedimentation. See Dewatering Section. 12/07/06.</p>	<p>Needs Attention</p>
	<p>Silt fence was installed at the small NFJ wetland area located on the western side of Pine Tree Drive. 12/07/06.</p>	<p>Continue to monitor and maintain as necessary. 12/07/06.</p>	<p>NA</p>
	<p>Silt fence has been installed at the NFJ wetlands within the ROW located off Orange Center Road/Rt 152 (west) and Pine Tree Drive (west). Clearing activities were noted here. 12/07/06.</p>	<p>Continue to monitor and maintain as necessary. 12/07/06.</p>	<p>NA</p>
	<p>“Silt saks” (or similar) are in place in all catch basins within the vicinity of the constructed access roads. They were also in place over the curb drop inlets at catch basins. 12/07/06.</p>	<p>Continue to monitor and evaluate methods to protect the curb drop inlet and prevent sedimentation. 11/29-12/07/06.</p>	<p>CB controls in place.</p>
	<p>Milford, CT (Shelland Street)</p>	<p>A large amount of exposed soils remain here during the work but silt fence was in place along the work area 12/07/06</p>	<p>Continue to monitor and maintain as necessary. Temporarily stabilize as feasible. 12/07/06</p>

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<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 with current activity are not under federal jurisdiction 11/29/06</i></p> <p>Woodbridge, CT (Pease Road)</p>	<p>Federally jurisdictional wetlands and associated buffers will not be accessed until the ACOE permit is in hand 11/20-12/07/06.</p> <p>A matted crossing is in place at the wetland located in the ROW off Sunset Dr. Silt fence is in place. This wetland is not under federal jurisdiction. 12/07/06.</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. 12/07/06.</p> <p>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. 12/07/06.</p> <p>A portion of the wetland located off Pease Road has mats in place for stabilization and structure access. 12/07/06.</p>	<p>Maintain federally jurisdictional wetlands and buffer zone until ACOE permits allow access. 11/20-12/07/06.</p> <p>Continue to maintain erosion controls where necessary. 12/07/06.</p> <p>Continue to monitor. Maintain erosion controls as necessary. 12/07/06.</p> <p>Silt fence is not necessary at this time. Continue to monitor. Confirm that this wetland is not under federal jurisdiction. 12/07/06.</p> <p>Continue to install mats and erosion controls where necessary. 12/07/06.</p>	<p>NA</p> <p>NA.</p> <p>NA</p> <p>Needs evaluation</p> <p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in or adjacent to the active work areas. 12/07/06</p>	<p>None 11/20-12/07/06.</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Vegetative clearing was noted within the ROW. Most species were</p>	<p>Continue to retain appropriate vegetation for stabilization. Retain as</p>	<p>NA.</p>

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<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>Woodbridge, CT (Pease Road)</p>	<p>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. 12/07/06.</p> <p>Vegetative clearing associated with the proposed East Devon Substation Site and road relocation continues. 12/07/06.</p> <p>It appears that clearing activities are complete at this time. Major clearing will be necessary in the future for the relocation of the ROW here. 12/07/06.</p>	<p>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. 12/07/06.</p> <p>Continue to retain appropriate vegetation for stabilization. Retain as much vegetation as possible for screening.</p> <p>Confirm that clearing/cutting is limited only to areas defined in D&M plan. 12/0706.</p>	<p>NA</p> <p>NA</p>
<p>Dewatering</p> <p>Orange, CT (Russell Ave and Sunset Drive)</p>	<p>In general, haybales and filter bags have been pro-actively placed at drilling sites. 12/07/06.</p> <p>Dewatering was occurring off Sunset Dr one of the areas was effectively filtering and releasing water but the 2nd area did not have a filter bag in conjunction with the haybales. Sediment/slurry was flowing toward the NFJ wetland. 12/07/06.</p> <p>Drilling has begun for the 1st and 2nd structures located off Russell Ave. Filter bags were placed near each drilling site but dewatering efforts have been minimal so far. 12/07/06.</p>	<p>None.</p> <p>A filter bag should be installed within the haybale perimeter to effectively filter the slurry if dewatering efforts are to continue here. 12/07/06.</p> <p>None 12/07/06</p>	<p>NA</p> <p>Needs attention if dewatering is to continue here.</p> <p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 12/07/06.</p>	<p>None</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, soils and material storage	<p>Contractor receiving yard set up near Shelland St. in Milford. 12/07/06.</p> <p>A construction vehicle was parked within a few feet of the NFJ wetland off Sunset Dr. No leaks were observed at the time of inspection. 12/07/06.</p>	<p>In general, store materials and equipment appropriately. Ensure that vehicles are equipped with spill kits. 12/07/06.</p> <p>All construction vehicles should be parked at least 100 feet from a wetland or waterbody when feasible. 12/07/06</p>	<p>NA</p> <p>Vehicle was to be re-located immediately following inspection</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Thursday December 14, 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 the foundation installed at the second proposed structure location off Russell Ave.



View of the new access road constructed within the ROW off Dogwood Road (west).



Crews were in the process of removing the existing H-frame structures from the ROW off Dogwood Road (east).



View of the possible wetland area that may have been cleared for proposed structure installation off Dogwood Road (east). Some wetland flags were missing here, making the boundary difficult to identify.



View of the dewatering area placed near the first proposed structure location off Sunset Dr. The filter bag, in combination with the haybales, was effective in retaining sediment prior to releasing the water.



View of the dewatering area near the second proposed structure location off Sunset Dr. A filter bag was not used here, allowing sediment/slurry to escape and flow in the direction of the wetland.



An additional view of the sediment/slurry flowing toward the wetland off Sunset Drive.



View of the stockpile stored near the wetland off Sunset Drive. Erosion controls should be installed downgradient of the pile to contain potential sedimentation.



View of the catch basin located immediately adjacent to the access off Sunset Drive. The silt sack was pulled over the curb drop inlet here to provide further protection.



View of the silt fence installed at the wetland within the ROW off Pine Tree Drive (west). Clearing was noted here.



View of the clearing and access road construction occurring in the ROW off Orange Center Road/Route 152 (west).



Silt fence was installed along the wetland located within the ROW off Orange Center Road/Route 152 (west). Clearing and access road construction continue in this area.