

**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 2a Inspection**

**Date:** December 27, 2006

**Inspector:** Matthew Creighton

**Location:** Segment 2a – Beseck Switching Station to Cheshire/Hamden Town Line

**Rainfall:** Total of 1.87” rain between 12/18–12/27 with 1.15” on 12/23 (as reported by NOAA at Meriden, CT).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access roads and adjacent roadways High Hill Rd. to Rte 68</b>	<b>All equipment traffic is using the entrance off High Hill Road. Roadway is being swept as needed; catch basin (CB) here has controls. Timber mats are in place in a non-federally jurisdictional (NFJ) wetland crossing as the access road from High Hill Rd. to Rte 68 is complete. 12/27/06</b>	<b>Check construction entrance and clean/sweep High Hill Road, Carpenter Lane, and Route 68 as needed. 12/27/06</b>	<b>Not applicable (NA)</b>
<b>Williams Rd. to East Center St.</b>	<b>Traffic is using a temporary, cleared entrance off Stony Brook Rd. There is no sediment tracking at this time and area is stable. 12/27/06</b>	<b>Monitor access road for erosion. 12/27/06</b>	<b>NA</b>
<b>S. Turnpike + Merritt Parkway Area</b>	<b>No sediment tracking noted on S. Turnpike. Washouts/ gullies along the access road slope were graded with installation of new road last week. 12/27/06</b>	<b>Continue to monitor the entrance and sweep as needed. Also, continue to monitor the slope for additional wash-out or run-off issues. Stormwater diversions may be needed. 12/27/06</b>	<b>NA</b>
	<b>No sediment tracking noted on Mansion Rd. Some sediment build-up</b>	<b>Continue to monitor and sweep entrance as needed. Sediment should</b>	<b>Needs attention when feasible.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Access roads and adjacent roadways (continued)</b></p> <p><b>Mansion Rd</b></p> <p><b>Old Farm Road</b></p>	<p><b>was noted at the entrance to Mansion Rd. This sediment is accumulating at and around the haybales and is migrating towards the roadway. 11/27-12/27/06</b></p> <p><b>Old Farm Rd. and driveways on the ROW continue to be swept as needed. Plywood is being used to reduce impact to the driveways from equipment crossing. Two driveways have some minor marks from equipment 12/27/06</b></p> <p><b>Access road construction is now complete. Some minor run-off continues to be noted from the filled portion of the small, NFJ wetland. 12/18-12/27/06</b></p>	<p><b>be removed before it reaches the roadway 11/27-12/27/06</b></p> <p><b>Continue to monitor for sediment on roadway and driveways; continue to use rubber mats or plywood to protect driveways. 12/27/06</b></p> <p><b>Monitor wetland run-off and controls as needed. 12/18-12/27/06</b></p>	 <p><b>Roadway was swept. Plywood is used to protect driveways from equipment damage (proactively).</b></p> <p><b>NA at this time.</b></p>
<p><b>Foundation and site construction</b></p> <p><b>High Hill Rd.</b></p> <p><b>S. Turnpike + Merritt Parkway Area</b></p> <p><b>Old Farm Rd.</b></p>	<p><b>Limited work (temporary pole installation and access road construction) is occurring at this time but drilling is scheduled to start soon. 12/27/06</b></p> <p><b>The four graded construction areas remain. No new work was observed. 12/27/06</b></p> <p><b>Access road construction is complete off South Turnpike. 12/27/06</b></p> <p><b>Access road construction had occurred off Old Farm Rd.; construction will continue moving south. 12/27/06</b></p>	<p><b>None 12/27/06</b></p> <p><b>See erosion control section. 12/27/06</b></p> <p><b>See erosion control section. 12/27/06</b></p> <p><b>See erosion control section. 12/27/06</b></p>	<p><b>NA.</b></p> <p><b>NA</b></p> <p><b>NA</b></p> <p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Erosion and sediment controls</b> <b>High Hill Rd. to Rt 68</b></p>	<p>Silt fence and haybales are in place at the wetland near High Hill Rd. entrance. Logs protect the controls. Haybales have started to degrade but two layers of silt fence are secure. 12/27/06</p> <p>Mats and controls are in place at the wetland crossing. 12/27/06</p> <p>Mulch and silt fence remain in place to help prevent erosion on the steep slopes of the graded staging areas. 12/27/06</p>	<p>Inspect and maintain silt fence/haybales as needed. Monitor area for sediment run-off. 12/27/06</p> <p>Monitor for erosion and add controls as needed. 12/27/06</p> <p>Continue to monitor the areas for erosion and run-off issues. Evaluate potential safety issues. 12/27/06</p>	<p>NA</p> <p>NA</p> <p>NA at this time.</p>
<p><b>Williams Rd to East Center St.</b></p>	<p>Silt fence and silt liners at CB near Stony Brook Rd. entrance appear secure. 12/27/06</p> <p>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 12/27/06</p>	<p>Maintain as needed. 12/27/06</p> <p>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 12/27/06</p>	<p>NA</p> <p>NA</p>
<p><b>S. Turnpike + Merritt Parkway Area</b></p>	<p>The slope where gullies/washouts were repaired did not have any new erosion. Silt fence remains in place above the riprap slope and culvert. 12/27/06</p>	<p>Monitor access road slope for future washout or erosion issues, add controls/diversions if needed. 12/27/06</p>	<p>NA</p>
<p><b>Mansion Rd.</b></p>	<p>An existing riprap slope and culvert are present near the entrance from the road. 12/27/06</p> <p>Haybales installed at downgradient edge of the ROW entrance look secure, however sediment from run-off has accumulated at the</p>	<p>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 12/27/06</p> <p>Continue to monitor area and remove sediment. 11/27-12/27/06</p>	<p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Old Farm Rd.</b></p>	<p>haybales and some is migrating around them. 11/27-12/27/06</p> <p>Some displaced run-off from the small NFJ wetland finger continues flowing along the driveway toward Old Farm Rd. Sedimentation is not an issue at this time. 12/18-12/27/06</p> <p>Silt fence is in place above the NFJ wetland on both sides of the access drive. A small section of silt fence on east side of drive has fallen down. 12/27/06</p>	<p>Monitor potential run-off areas and add controls or diversions as needed. 12/18-12/27/06</p> <p>Monitor controls and repair the fallen section of silt fence. 12/27/06</p>	<p>NA.</p> <p>Needs attention when feasible.</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Jurisdictional wetlands will not be accessed until the ACOE permit is in hand. 8/24-12/27/06</p> <p>Small NFJ wetlands are being accessed for crossing. 12/27/06</p>	<p>Continue to monitor wetlands and erosion controls. 12/27/06</p> <p>Mats are in place where appropriate. 12/11-12/27/06</p>	<p>NA</p> <p>NA</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>According to the D&amp;M plan, state-listed species are not located in the current work areas. 12/27/06</p>	<p>None 12/27/06</p>	<p>NA</p>
<p><b>Vegetative clearing or stabilization</b></p>	<p>Vegetation clearing is presently on hold awaiting permits; several more weeks of work will be required to complete clearing. 12/27/06</p> <p>Vegetation was preserved in areas where invasive species were not dominant. 12/27/06</p>	<p>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 12/27/06</p> <p>Retain vegetation where feasible; confirm that cutting is limited only to areas defined in D&amp;M plan. 12/27/06</p>	<p>NA</p> <p>NA</p>
<p><b>Dewatering</b></p>	<p>Dewatering is not being performed. 12/27/06</p>	<p>None</p>	<p>NA</p>
<p><b>Blasting</b></p>	<p>No blasting is proposed. 12/27/06</p>	<p>None</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Spills, soils and material storage</b>	<b>Spill control materials are being brought to sites when work is performed. 12/27/06</b>	<b>Always use spill control materials when working on equipment and during refueling. Replace as needed. 12/27/06</b>	NA
<b>High Hill Rd. to Rt 68</b>	<b>Some wetland crossing timber mats are being stored off High Hill Rd. and used in access road construction. 12/11-12/27/06</b>	<b>Continue to store equipment away from wetlands when possible. 12/27/06</b>	NA
<b>Old Fam Rd.</b>	<b>Some project related debris (cardboard rolls) noted along ROW were removed. 12/27/06</b>	<b>Keep project sites clean and continue to perform “good housekeeping”. 12/27/06</b>	<b>Construction debris removed.</b>
<b>Additional Observations</b>	<b>Muddy River off High Hill Rd. is clean and clear of sediment. 12/27/06</b>	<b>Continue to monitor receiving wetlands at Beseck and within the ROW. 12/27/06</b>	NA
	<b>Some non-project jurisdictional debris dumping was noted at a few access points, including off Stony Brook Rd. 11/27-12/27/06</b>	<b>None. Noted for the record. 12/27/06</b>	NA

Next likely scheduled inspection:

Wednesday January 3, 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: Matthew Creighton

Reviewer: Diana Walden, Stephen Herzog



**View of access road, mats, and erosion controls off High Hill Rd. at a non-federally jurisdictional wetland crossing**



**New staging areas prepared for pole construction. Temporary stabilization measures (mulch) are in place.**



**ROW off Stony Brook Rd. Non-project related debris had been dumped in this area.**



**Eroded gullies/washouts were repaired; the new access road and silt fence were installed off South Turnpike. Continue to monitor this slope for run-off issues.**



**Sediment accumulation should be removed from the haybales at the ROW entrance off Mansion Rd.**



**Continue to monitor run-off seeping from non-federally jurisdictional wetland crossing off Old Farm Rd.**



**A small section of silt fence, located upgradient from the non-federally jurisdictional wetland finger off Old Farm Rd., needs maintenance when feasible.**



**Plywood was used to protect driveways from equipment crossing on the ROW off Old Farm Rd. The minor sediment tracking noted last week was no longer present.**