

**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 11, 2006

**Inspector:** Matthew Creighton

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

**Rainfall:** Total of 0.02” rain 12/5–12/11 with 0.02” on 12/6 (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 Rt 68</b>	<b>All equipment traffic is using the entrance off High Hill Road. Roadway was being swept as needed; catch basin (CB) here has controls. Matting was installed in a non-federally jurisdictional (NFJ) wetland crossing. 12/11/06</b>	<b>Check construction entrance and clean/sweep High Hill Road, Carpenter Lane and Route 68 as needed. 12/11/06</b>	<b>Mats installed at the NFJ wetland crossing.</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. 12/11/06</b>	<b>An existing road will be upgraded when wetland permits are obtained; use of this road will cease. Continue to monitor the entrance and sweep as needed. 12/11/06</b>	<b>Not applicable (NA)</b>
<b>S. Turnpike + Merritt Parkway Area</b>	<b>No sediment tracking noted on S. Turnpike. No new work performed in this area. Some washouts/erosive gullies continue to form along the access road slope. 10/31-12/11/06</b>	<b>Continue to monitor the entrances and sweep as needed. Road will need to be regraded and stabilized. Stormwater diversion may be needed 10/31-12/11/06</b>	<b>Needs attention when feasible.</b>
<b>Mansion Rd</b>	<b>No sediment tracking noted on Mansion Rd. Some sediment build-up was noted at the entrance to Mansion Rd. This</b>	<b>Continue to monitor and sweep entrance as needed. Sediment should be removed before it reaches the roadway</b>	<b>Needs attention when feasible.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Farm Road	<p>sediment is accumulating at and around the haybales and is migrating towards the roadway. 11/27-12/11/06</p> <p>Sediment tracking was noted on Old Farm Rd. and was being swept during the inspection. Access road construction has begun and will continue through the week. Part of the small, NFJ wetland finger was filled in for the access road. 12/11/06</p>	<p>11/27-12/11/06</p> <p>Monitor for sediment on roadway and driveways; continue to use rubber mats to protect driveways. Monitor wetland finger and controls as needed. 12/11/06</p>	Roadway was being swept.
<p>Foundation and site construction</p> <p>High Hill Rd.</p> <p>Old Farm Rd.</p>	<p>Most of the work has been right-of-way (ROW) clearing occurring in accessible upland areas. Limited work is occurring at this time but drilling is scheduled to start soon. 12/11/06</p> <p>Access road construction is complete off High Hill Rd., to Rte. 68. Two new staging areas were graded. 12/11/06</p> <p>Access road construction is underway off Old Farm Rd., moving south. 12/11/06</p>	<p>None 12/11/06</p> <p>See erosion control section. 12/11/06</p> <p>See erosion control section. 12/11/06</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and sediment controls</p> <p>High Hill Rd. to Rt 68</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. 12/11/06</p> <p>Water bars have been removed for road construction. Mats are in place at the wetland crossing. 12/11/06</p>	<p>Inspect and maintain silt fence/haybales as needed. Monitor area for sediment run-off. 12/11/06</p> <p>Monitor for erosion and add controls as needed. 12/11/06</p>	<p>NA</p> <p>NA.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Two new staging areas have been graded along the steep slope in this area. One contains a large area of exposed slope and the other is a steep face cut into the slope. Controls are not in place. 12/11/06</p>	<p>Temporary stabilization efforts (i.e. mulch) and/or stormwater diversions or controls should be placed to stabilize the slope as there appears to be strong potential for erosion. Also, evaluate potential safety issues. 12/11/06</p>	<p>Needs evaluation and attention.</p>
<p>Williams Rd to East Center St.</p>	<p>Silt fence and silt liners at CB near Stony Brook Rd. entrance appear secure. 12/11/06</p>	<p>Maintain as needed. 12/11/06</p>	<p>NA</p>
	<p>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 12/11/06</p>	<p>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 12/11/06</p>	<p>NA</p>
<p>S. Turnpike + Merritt Parkway Area</p>	<p>Some washouts/erosive gullies continue to form in the access drive. Sediment was retained onsite. 10/31-12/11/06</p>	<p>Washouts should be regraded and stabilized when possible. 10/31-12/11/06</p>	<p>Needs attention when feasible.</p>
<p>Mansion Rd.</p>	<p>An existing riprap slope and culvert are present near the entrance from the road. 12/11/06</p>	<p>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 12/11/06</p>	<p>NA</p>
	<p>Haybales installed at downgradient edge of the ROW entrance look secure, however sediment from run-off has accumulated at the haybales and is starting to migrate around them. 11/27-12/11/06</p>	<p>Continue to monitor area and remove sediment. 11/27-12/11/06</p>	<p>Needs attention when feasible.</p>
<p>Old Farm Rd.</p>	<p>Access road construction through a small non-jurisdictional wetland finger may displace water flow along the driveway toward Old Farm Rd. 12/11/06</p>	<p>Monitor potential run-off areas and add controls as needed. 12/11/06</p>	<p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<p><b>Jurisdictional wetlands and buffers will not be accessed until the ACOE permit is in hand. 8/24-12/11/06</b></p> <p><b>Wetlands were flagged at the 100' buffer prior to work starting in each area. These buffers have been retained. 12/11/06</b></p> <p><b>Small NFJ wetlands are being accessed for crossing. 12/11/06</b></p>	<p><b>Continue to monitor wetlands and erosion controls. 12/11/06</b></p> <p><b>Continue to maintain buffer zone until ACOE permits allow access. 12/11/06</b></p> <p><b>Mats are in place where appropriate. 12/11/06</b></p>	<p><b>NA</b></p> <p><b>Buffer zones are established and retained.</b></p> <p><b>NA</b></p>
<b>State species of concern, threatened and endangered species.</b>	<p><b>According to the D&amp;M plan, state-listed species are not located in the current work areas. 12/11/06</b></p>	<p><b>None 12/11/06</b></p>	<p><b>NA</b></p>
<b>Vegetative clearing or stabilization</b>	<p><b>Vegetation clearing is presently on hold awaiting environmental permits; several more weeks of work will be required to complete clearing. 12/11/06</b></p> <p><b>Vegetation was preserved in areas where invasive species were not dominant. 12/11/06</b></p>	<p><b>Continue to retain appropriate vegetation for stabilization. Continue to monitor areas and mulch/ temporarily stabilize as needed. 12/11/06</b></p> <p><b>Retain vegetation where feasible; confirm that cutting is limited only to areas defined in D&amp;M plan. 12/11/06</b></p>	<p><b>NA</b></p> <p><b>NA</b></p>
<b>Dewatering</b>	<p><b>Dewatering is not being performed at this time. 12/11/06</b></p>	<p><b>None</b></p>	<p><b>NA</b></p>
<b>Blasting</b>	<p><b>No blasting is proposed at this time. 12/11/06</b></p>	<p><b>None</b></p>	<p><b>NA</b></p>
<b>Spills, soils and material storage</b>	<p><b>Cleared trees and shrubs have been stockpiled and chipped on site. 8/24-12/11/06</b></p> <p><b>Spill control materials are being brought to sites when work is performed. 12/11/06</b></p>	<p><b>Continue to keep all stockpiles set back from wetlands. 8/24-12/11/06</b></p> <p><b>Always use spill control materials when working on equipment and during refueling. Replace as needed. 12/11/06</b></p>	<p><b>NA</b></p> <p><b>NA</b></p>
<b>High Hill Rd. to Rt 68</b>	<p><b>Some wetland crossing</b></p>	<p><b>Continue to store</b></p>	<p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<b>timber mats are being stored off High Hill Rd. and used in access road construction. 12/11/06</b>	<b>equipment away from wetlands when possible. 12/11/06</b>	
<b>Additional Observations</b>	<b>Muddy River off High Hill Rd. is clean and clear of sediment. 12/11/06</b>  <b>Some non-project jurisdictional debris dumping was noted at a few access points, including off Stony Brook Rd. 11/27-12/11/06</b>	<b>Continue to monitor receiving wetlands at Beseck and within the ROW. 12/11/06</b>  <b>None. Noted for the record. 12/11/06</b>	<b>NA</b>  <b>NA</b>

**Next likely scheduled inspection:** Monday December 18, 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:** Matthew Creighton

**Reviewer:** Diana Walden, Stephen Herzog



**New access road, matting, and erosion controls off High Hill Rd at a non-jurisdictional wetland crossing**



**New staging areas prepared for pole construction. Temporary stabilization or stormwater diversion efforts will be needed.**



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



**Eroded gullies/washouts remain in the stone access road off South Turnpike.**



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



**ROW clearing and apple orchard off Mansion Rd. Soil appears stable due to remaining roots and grass cover.**



**Access road construction through non-jurisdictional wetland finger off Old Farm Rd.**



**Construction entrance onto Old Farm Rd. Sediment tracking was noted. Clean/sweep as needed.**