

**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:** October 5, 2006

**Inspector:** Matthew Creighton

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

**Rainfall:** New Haven, CT, reported 1.06” rain from 10/1 – 10/5 with 0.79” on 10/1. Report from Accuweather.com. (Data from NOAA is still incomplete)

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access roads and adjacent roadways</b>			
<b>High Hill Rd. to Rt 68</b>	<b>Most equipment traffic is using the entrance off High Hill Road. No sediment tracking was noted; catch basin (CB) here has controls. 10/5/06</b>	<b>Check construction entrance and clean/sweep High Hill Road, Carpenter Lane and Route 68 as needed. 10/5/06</b>	<b>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. Adjacent soil is rutted but was reseeded. 10/5/06</b>	<b>An existing road will be rebuilt when wetland permits are obtained and this area will be allowed to revegetate. Continue to monitor the entrance and sweep as needed. 10/5/06</b>	<b>Grass growth was noted here.</b>
<b>S. Turnpike + Merritt Parkway Area</b>	<b>No sediment tracking noted on S. Turnpike. 10/5/06</b>	<b>Continue to monitor the entrances and sweep as needed. 10/5/06</b>	<b>NA</b>
<b>Mansion Rd</b>	<b>No sediment tracking noted on Mansion Rd. 10/5/06</b>	<b>Continue to monitor and sweep entrance as needed. 10/5/06</b>	<b>NA</b>
<b>Old Farm Road</b>	<b>No sediment tracking on Old Farm Rd. or driveway crossings. 10/5/06</b>	<b>Continue to monitor for sediment; continue to use rubber mats to protect driveways. 10/5/06</b>	<b>Rubber mats are used for driveway protection.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Foundation and site construction</b>	<b>No construction work has started; only right-of-way (ROW) clearing has occurred in accessible upland areas. 10/5/06</b>	<b>None 10/5/06</b>	<b>NA</b>
<b>Erosion and sediment controls</b>			
<b>High Hill Rd. to Rt 68</b>	<p><b>Silt fence and haybales are in place at the wetland near High Hill Rd entrance. Logs protect the controls. 10/5/06</b></p> <p><b>Steep slope on site has water bars installed along the skidder path and has been seeded. Grass is growing on steep slopes. 10/5/06</b></p> <p><b>CB at Route 68 has haybales. 10/5/06</b></p> <p><b>Dust control may be needed for all sites when work resumes, as disturbed soil is present due to tree skidding and removal. 8/24-10/5/06</b></p>	<p><b>Inspect and maintain silt fence/haybales as needed. 10/5/06</b></p> <p><b>Continue to monitor for erosion. 10/5/06</b></p> <p><b>Maintain as needed. 10/5/06</b></p> <p><b>Water high traffic areas; stabilize disturbed areas that will be left unworked for more than 14 days. Preserve vegetation when possible. 8/24-10/5/06</b></p>	<p><b>NA</b></p> <p><b>Grass is growing</b></p> <p><b>NA</b></p> <p><b>NA.</b></p>
<b>Williams Rd to East Center St.</b>	<p><b>Silt fence and silt liners installed at CB near Stony Brook Rd. entrance look secure. 10/5/06</b></p> <p><b>Much of the appropriate vegetation and woody debris off Stony Brook Road was preserved to prevent erosion. 10/5/06</b></p>	<p><b>Maintain as needed. 10/5/06</b></p> <p><b>Continue to make efforts to retain vegetation for erosion control when clearing resumes. 10/5/06</b></p>	<p><b>NA</b></p> <p><b>NA</b></p>
<b>S. Turnpike + Merritt Parkway Area</b>	<b>Grass growth was noted on the steep slope. 10/5/06</b>	<b>Monitor slope until area is stabilized. 10/5/06</b>	<b>Grass is growing</b>
<b>Mansion Rd.</b>	<b>An existing riprap slope and culvert are present near the entrance from the road. No sediment was noted. 10/5/06</b>	<b>Continue to monitor and place controls in this area if traffic increases and adjacent soil becomes disturbed. 10/5/06</b>	<b>NA</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Old Farm Rd.	<p>Grass growth was noted on the steep slope and along the driveway. 10/5/06</p> <p>Haybales installed at downgradient edge of the ROW entrance look secure. A few additional haybales should be placed to fully contain any stormwater runoff. No sedimentation has taken place to date. 10/5/06</p> <p>Contractor has done an exceptional job selectively removing shrubs and leaving the majority of the vegetation intact. Very little potential for erosion exists in this area. 10/5/06</p>	<p>Monitor slope for erosion. 10/5/06</p> <p>Monitor and maintain haybales. Add haybales where necessary. 10/5/06</p> <p>Continue to selectively cut vegetation in accordance with the D&amp;M plan. 10/5/06</p>	<p>Grass growth noted.</p> <p>Needs attention when feasible</p> <p>Most vegetation was left in place; this will help prevent erosion.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Jurisdictional wetlands and buffers will not be accessed until the ACOE permit is in hand. 8/24-10/5/06</p> <p>Wetlands were flagged at the 100' buffer prior to work starting in each area. These buffers have been retained. 10/5/06</p>	<p>Continue to monitor wetlands and erosion controls. 10/5/06</p> <p>Continue to maintain buffer zone until ACOE permits allow access. 10/5/06</p>	<p>NA</p> <p>Buffer zones are established and retained.</p>
State species of concern, threatened and endangered species.	<p>According to the D&amp;M plan, state-listed species are not located in the current work areas. 10/5/06</p>	<p>None 10/5/06</p>	<p>NA</p>
Vegetative clearing or stabilization	<p>Vegetation clearing is presently on hold awaiting environmental permits; several more weeks of work will be required to complete clearing. 10/5/06</p> <p>Some erosion prone areas (i.e. steep slopes) have been seeded for stabilization and grass is growing. 10/5/06</p>	<p>Continue to retain appropriate shrubs for stabilization. 10/5/06</p> <p>Continue to monitor areas and seed as needed. 10/5/06</p>	<p>NA.</p> <p>Grass is growing</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>Vegetation was preserved in areas where invasive species were not dominant. 10/5/06</b>	<b>Retain vegetation wherever feasible to reduce disturbance; confirm that cutting is limited only to areas defined in D&amp;M plan. 10/5/06</b>	NA
<b>Dewatering</b>	<b>Dewatering is not being performed at this time. 10/5/06</b>	None	NA
<b>Blasting</b>	<b>No blasting is proposed at this time. 10/5/06</b>	None	NA
<b>Spills, soils and material storage</b>	<b>Cleared trees and shrubs are being stockpiled and chipped on site. 8/24-10/5/06</b>	<b>Continue to keep all stockpiles set back from wetlands. 8/24-10/5/06</b>	NA
	<b>Spill control materials are being brought to sites when work is performed. 10/5/06</b>	<b>Always use spill control materials when working on equipment and during refueling. Replace as needed. 10/5/06</b>	NA
	<b>A piece of equipment was parked in a small wetland finger off Old Farm Rd. Area is not jurisdictional, and is very small, however, equipment should be moved from the area. 10/5/06</b>	<b>Move equipment upland of this area. Park all heavy equipment away from wetlands and CBs when possible to prevent potential impacts. 10/5/06</b>	<b>Needs attention.</b>
<b>Additional Observations</b>	NA	NA	NA

**Next likely scheduled inspection:**

**Thursday October 12, 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*



**Water bars located on the skidder path off High Hill Rd.**



**Recently seeded slope off High Hill Rd. Some grass growth is visible.**



**Some grass growth noted off Stony Brook Rd.**



**Catch Basin protection off Stony Brook Rd.**



**Grass growth noted off Mansion Rd.**



**Extra haybales are needed to prevent runoff at Mansion Rd. entrance.**



**Shrubs left to prevent erosion off Old Farm Rd.**



**Equipment stored in small, non-jurisdictional wetland finger off Old Farm Rd. should be moved.**