

**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 1b (Royal Oaks Bypass) Inspection**

**Date:** April 16, 2007

**Inspector:** Matthew Creighton

**Location:** Segment 1b (Royal Oaks Bypass)

**Rainfall:** 5.38” of precipitation was recorded in the week prior to inspection with 3.03” of the total reported on 4/15 (NOAA data 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</b>	<p>Traffic is using the existing ROW entrance off Black Walnut Drive and off Rte 17 across from the PAR shipping/receiving yard in order to access the new section. Sediment tracking was not observed on the roadways. 4/16/07</p> <p>Timber mats are in place off of Rte 17 to bring equipment onto the site and reduce sediment tracking onto the roadway. 4/16/07</p>	<p>Continue to monitor construction entrance and clean/sweep roadways as needed. 4/16/07</p> <p>Monitor and add controls as needed and continue using timber mats to reduce impacts to wetlands. 4/16/07</p>	<p>Not Applicable (NA)</p> <p>NA.</p>
<b>Foundation and site construction</b>	<p>Only clearing along ROW, tree removal, and chipping has occurred. No foundation or line construction underway. 4/16/07</p>	<p>Monitor slopes and wetland for erosion and run-off. Add controls as necessary to protect sensitive areas. 4/16/07</p>	<p>NA</p>
<b>Erosion and sediment controls</b>	<p>Clearing is complete; Mulch remains along a steep slope and much of the root system remains in place to stabilize the soil. Some washouts/gullies were noted on the steep slope as a result of heavy rains. 4/16/07</p>	<p>As clearing construction and soil disturbance progress, add controls where needed. Regrade and seed steep slopes for further stabilization as soon as feasible. 4/16/07</p>	<p>Needs to be monitored.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>Controls were not in place at the ponded area within the ROW but roots stabilize the soil. 4/16/07</b></p> <p><b>Ruts from equipment access remain in the wetland near Rte 17. Mats were not placed in this location to support the equipment. 4/2-4/16/07</b></p> <p><b>Timber mats are in place for equipment storage off Rte. 17. Haybales and stone sediment traps were used to filter water flowing from the timber mats. Water leaving the site was clear. 4/16/07</b></p>	<p><b>Continue to minimize impacts to the ponds and install controls where applicable. 4/16/07</b></p> <p><b>Add controls at the wetland crossings and extend timber mats into the area to prevent impacts from the equipment. Restore contours as necessary. 4/2-4/16/07</b></p> <p><b>Continue to monitor and stabilize adjacent areas to avoid sediment tracking and accumulation on the mats. 4/16/07</b></p>	<p><b>NA</b></p> <p><b>Needs attention.</b></p> <p><b>Run-off filtering through the controls was clear as it left the site.</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p><b>Cutting, skidding, and equipment movement within the ROW has occurred, compacting soils and causing ruts and disturbance in some areas. 4/2-4/16/07</b></p> <p><b>Using multiple access points from Rt 17 and Black Walnut Dr. allowed equipment to stay out of the pond within the ROW. Controls were not in place here but roots help stabilize the soil. 4/16/07</b></p>	<p><b>Continue to monitor wetlands and add controls as needed when soil is first disturbed. Install/extend mats into the wetlands for vehicle access. 4/2-4/16/07</b></p> <p><b>Install controls where necessary. Continue to retain as much vegetation as possible in and adjacent to wetlands. 4/16/07</b></p>	<p><b>Needs attention.</b></p> <p><b>NA at this time. Continue to evaluate.</b></p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p><b>According to the D&amp;M plan, state-listed species are not located in this work area.</b></p>	<p><b>None</b></p>	<p><b>NA</b></p>
<p><b>Vegetative clearing or stabilization</b></p>	<p><b>Clearing along the ROW appears complete. Most of the tree stockpiles along the ROW will have to be removed and taken off site. 4/16/07</b></p>	<p><b>Monitor slopes and wetland for erosion and run-off. Continue to retain the appropriate low growing vegetation and species to the extent feasible in accordance with the D&amp;M Plan.</b></p>	<p><b>NA.</b></p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
		<b>4/16/07</b>	
<b>Dewatering</b>	<b>Dewatering is not being performed at this time. 4/16/07</b>	<b>None</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting is proposed at this time. 4/16/07</b>	<b>None</b>	<b>NA</b>
<b>Spills, soils and material storage</b>	<b>No spills/drips were found on site. Operators have been advised to use spill controls when working on equipment 4/16/07</b>	<b>Always use spill control materials when working on equipment and during refueling. Replace as needed. 4/16/07</b>	<b>NA</b>
	<b>Spill kits move from site to site with equipment. 4/16/07</b>	<b>Continue to use and restock materials as needed. 4/16/07</b>	<b>NA</b>
	<b>Two large drums (55 gallon) one plastic, one metal were located within the ROW. These were not located near wetlands. 4/16/07</b>	<b>Unclear whether drums were stored as part of the work or were already present in the woods. Continue to store materials and equipment 100 ft from wetlands where feasible. 4/16/07</b>	<b>NA</b>
<b>Additional Observations</b>	<b>Considering the heavy rainfall over the last week, contractors have done a commendable job controlling the site. 4/16/07</b>	<b>Continue to monitor and be proactive in preparing for major storm events. 4/16/07</b>	<b>The site was well controlled even through the heavy rains, due to very good efforts from the contractors.</b>

**Next likely scheduled inspection:** Monday April 23, 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, BSC Group

**Reviewer:** Diana Walden, BSC Group





**Stormwater controls installed adjacent to the timber mat crossing off Rte 17. Clear water was flowing off site.**



**Ruts were observed due to equipment tracking through wetlands near Rte 17. Mats should be installed to support vehicles before they access saturated/wetland areas.**



**Minor washouts/gullies were noted on the steep slope due to heavy rains.**



**View of the ponded area within the ROW. This was protected from direct impacts by using multiple access points into the ROW.**