

**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:** March 10, 2008

**Inspector:** Matthew Creighton

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

**Rainfall:** 3.13" of precipitation was recorded in the week prior to inspection with 1.22" falling on 3/7 (NOAA data at Meriden, CT).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	Access roads are in place from the existing ROW entrance off Black Walnut Drive; east and west off Rte 17, including within the contractor yard and north of the Little Lane crossing. Stone pads remain in place at all entrances to access roads. 3/10/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 3/10/08	Active areas need regular attention
	The old wooden pole remains across the slope off Black Walnut Dr. to prevent vehicles from driving over and damaging the water bar here. 3/10/08	None. 3/10/08	Not Applicable (NA) at this time
Route 17 west (through contractor yard), Rte 17 east.	Several areas of timber mats have been removed from wetlands in these sections. Some culverts and fill remain. 3/10/08	Continue to remove and stabilize wetland crossings now that work is complete. See erosion control section. 3/10/08	NA at this time.
	Slightly turbid water has been noted at the receiving yard during times of heavy traffic and precipitation. Minor sediment was noted in the stream adjacent to the receiving yard during	See erosion control section for details. Continue to evaluate the source of turbidity noted regularly in the pond and the access road crossing. 3/10/08	Controls are in good shape but continue to evaluate.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>heavy rains (12/31). Controls have been replaced around the pond adjacent to the receiving yard and water leaving the pond was clear. 3/10/08</b></p>		
<p><b>Foundation and site construction</b></p>	<p><b>No new work has taken place this week.</b></p>	<p><b>NA</b></p>	<p><b>NA</b></p>
<p><b>Erosion and sediment controls</b></p>	<p><b>Timber mats have been removed from east and west of Rte. 17 within the wetlands. 3/10/08</b></p> <p><b>Haybales, stone sediment traps, and/or fiber rolls were used to filter water flowing from the timber mats east/west of Rte 17. A channel with check dams remains along the access road east of Rte 17. 3/10/08</b></p> <p><b>Sediment was noted at the edge of the no access area near the receiving yard. Stone was compressing into the soil here. 9/24-3/10/08</b></p> <p><b>Areas west of the Black Walnut Drive entrance remain reclaimed and temporarily stabilized. 3/10/08</b></p> <p><b>Controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. The topography here appears to prevent potential run-off to wetlands from stockpiles here. 3/10/08</b></p> <p><b>Some exposed areas were</b></p>	<p><b>Ensure sufficient stabilization for winter months during the reclamation process. Adjacent upland soils will need mulch and wetland contours should be carefully restored. 3/10/08</b></p> <p><b>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 3/10/08</b></p> <p><b>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9-3/10/08</b></p> <p><b>Continue to monitor for final stabilization in the growing season. 3/10/08</b></p> <p><b>Upon completion of work provide full restoration of the area. Attempt to keep stockpiles greater than 100 feet of wetlands but topography appears unlikely to result in run-off. Good controls are in place. 3/10/08</b></p>	<p><b>NA at this time until conditions allow.</b></p> <p><b>NA at this time</b></p> <p><b>Area needs monitoring and evaluation.</b></p> <p><b>NA at this time.</b></p> <p><b>Some areas were reclaimed and new controls were noted.</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>also seeded and mulched and new silt fence was installed adjacent to the wetlands. 3/10/08</p>		
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Access road is in place west of Rte 17 in the receiving yard wetlands. Three streams were crossed with culverts. Controls and mulch are in place adjacent to the roads. 3/10/08</p> <p>In accordance with the D&amp;M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland soils. This includes attending to restoration in adjacent upland areas when work is complete. Reclamation has occurred several areas. 3/10/08</p>	<p>Monitor area closely for erosion and run-off. Add controls as needed to prevent road run-off. Wetland crossings are temporary and material will have to be removed when work is complete. 3/10/08</p> <p>Final stabilization and reclamation efforts should occur in completed areas in and around wetlands. Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. Any stabilization at this time will have to account for winter months. 3/10/08</p>	<p>Restoration should be expedited if work is complete.</p> <p>Reclamation has occurred in several areas. Continue to evaluate.</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 this work area.</p> <p>Frogs, tadpoles, turtles and <i>Ambystoma</i> (salamander) egg masses were noted in the small pond within the ROW in the spring. These are not state-listed species but do indicate good amphibian breeding habitat. 3/10/08</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. 3/10/08</p>	<p>NA</p> <p>NA</p>
<p><b>Vegetative clearing or stabilization</b> <i>Stabilization measures will have to be consistent with and sufficient for winter conditions</i></p>	<p>Restoration efforts were noted over Jan. &amp; Feb. removing stone from the edges of access roads and removing pads and timber mats. 12/31-3/10/08 Weather is still limiting</p>	<p>Continue to restore and stabilize any work areas that will no longer be active, or temporarily stabilize areas where work will not return within 21 days. 11/5-3/10/08</p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>progress at this point. 1/22-3/10/08</b>		
<b>Dewatering</b>	<b>Active work associated with dewatering was no longer observed. 3/10/08</b>	<b>NA 3/10/08</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting is proposed at this time. 3/10/08</b>	<b>None</b>	<b>NA</b>
<b>Spills, soils and material storage</b>	<p><b>Contractor receiving yard is set up near Rte. 17 in Middletown for 1A work. Spill kits move from site to site with equipment. 3/10/08</b></p> <p><b>Monitor equipment closely when working within the Laurel Brook watershed protection area. Refueling and equipment maintenance should be done outside of the protected area. 3/10/08</b></p> <p><b>Most of the soil stockpiles noted along this segment have been removed. Small stockpiles were noted at the edge of the wetlands near the receiving yard (since 1/7) However, the topography here will likely prevent issues with run-off 3/10/08</b></p>	<p><b>Continue to use and restock materials as needed. 3/10/08</b></p> <p><b>In general, if a leak is observed, contain it and remove equipment from water department property. Proactively check equipment for leaks when working in the protected area. 3/10/08</b></p> <p><b>Monitor and add controls as needed. Attempt to keep stockpiled soil greater than 100 feet of wetlands proactively. See erosion control section. 3/10/08</b></p>	<p><b>NA</b></p> <p><b>NA at this time.</b></p> <p><b>Continue to monitor.</b></p>
<b>Additional Observations</b>	<b>None. 3/10/08</b>	<b>None. 3/10/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Tuesday March 18, 2008

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:** Matt Creighton, BSC Group

**Reviewer:** Diana Walden, BSC Group





**Hay and mulch were applied at a reclaimed pad site within the the receiving yard . Fiber roll controls are installed downgradient from the exposed area.**



**Clear water was flowing in the stream adjacent to the receiving yard.**



**Hay and seed were applied over the reclaimed pull site. Silt fence was installed adjacent to the wetland.**



**View of the 1A and 1B intersection off Little Lane. Controls are in place. Reclaim the pad sites when feasible.**