

**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 1a Inspection**

**Date:** September 23, 2008

**Inspector:** Matthew Creighton

**Location:** Segment 1a – Scovill Rock Switching Station to Chestnut Junction, Oxbow Junction to Beseck Switching Station (excluding Royal Oak Bypass), and Black Pond Junction to Beseck Switching Station

**Rainfall:** No precipitation was recorded in the week prior to inspection (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>	<b>Restoration is almost complete. 9/23/08</b>	<b>Monitor restored areas for stabilization. Add controls as needed. 9/23/08</b>	<b>Not Applicable (NA)</b>
<b>Scovill SS west to Chestnut Junction Scovill SS to Rte. 9 Rte. 9 to East Mount Rd.</b>	<b>Water bars/drainage ditches remain on permanent access roads. Haybales remain adjacent to wetlands in-between structures 24617 &amp; 24618 and upgradient of wetland #4 to prevent run off from Scovill to Rte 9. 9/23/08</b>	<b>Monitor wetlands around the site for run-off. Monitor haybales for effectiveness. 9/23/08</b>	<b>NA</b>
	<b>One timber mat remains at the 1<sup>st</sup> saturated crossing off E. Mount Rd. and the major crossing off Rte 9. 9/23/08</b>	<b>Monitor the area until stable. Remove mats if access if complete. 9/23/08</b>	<b>NA</b>
<b>Oxbow Junction to Beseck SS Durham Rd</b>	<b>The stone access road in the large wetland system was removed (noted 8/11). The road was reduced to grade and the water around the access road is clear. Water regularly floods and recedes over exposed soils. 9/23/08</b>	<b>Monitor this area closely until it is stable. It will be difficult to stabilize the area with traditional measures such as mulch or seed. See inland wetland section. 9/23/08</b>	<b>Exposed soils are regularly flooded.</b>



Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Beseck SS to Black Pond Junction ROW, North of Beseck SS to Black Pond Jct.</b></p>	<p><b>A small area of sparse vegetation was noted on the slopes north of BSS at the first gate, the slopes near East Meriden Sub and near Black Pond. However, most bare areas are relatively small and will not pose an issue. 9/23/08</b></p>	<p><b>Determine if areas have 70% cover overall despite the presence of exposed areas. Sparse areas of vegetation may need to be reseeded. 9/23/08</b></p>	<p><b>Additional seed may be needed in sparse areas but most appear stable.</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p> <p><b>Scovill SS west to Chestnut Junction</b></p> <p><b>Oxbow Junction to Beseck SS Durham Rd.</b></p>	<p><b>ACOE permit is in hand.</b></p> <p><b>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. The majority of areas in this segment have been reclaimed and no longer need inspection. 9/23/08</b></p> <p><b>Timber mats remain at the entrance at E. Mount and at the major crossing off Rte 9. 9/23/08</b></p> <p><b>The contractor has reduced the grade and width of the access road allowing water to sheet flow across. Standing water was present across the road. Adjacent areas were mulched. 9/23/08</b></p>	<p><b>Perform work in wetlands under the permitted guidelines. 9/23/08</b></p> <p><b>Any additional work needed in and around wetlands should be expedited. 9/23/08</b></p> <p><b>Remove remaining mats unless additional access is needed 9/23/08</b></p> <p><b>Stabilize soils in exposed areas to the extent feasible to minimize impacts to surrounding wetlands. 9/23/08</b></p>	<p><b>NA</b></p> <p><i>Restoration is complete and many areas no longer need inspection.</i></p> <p><b>Timber mats should be removed when feasible.</b></p> <p><b>Some of the soils remain inundated while adjacent areas were mulched.</b></p>
<p><b>State species of concern, threatened and endangered species.</b></p> <p><b>Multiple ROW areas</b></p>	<p><b>Potential habitat for wood turtles exists at Ball Brook in this section. Contractors have avoided crossing this area. The pad and slope upgradient from the stream are reclaimed. 9/23/08</b></p> <p><b>A variety of wildlife has</b></p>	<p><b>November 1<sup>st</sup> is the end of the wood turtles active season; sweeps won't be necessary after that time. 9/23/08</b></p> <p><b>Continue to be very</b></p>	<p><b>No further access should be necessary as the area is stable.</b></p> <p><b>Continue to monitor</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>including: Scovill SS; Haddam Quarter Rd. To Foot Hills Rd.; Johnson Lane; Powder Hill Rd.; Contractor Storage Yard Pond; East of Beseck SS</p> <p>East Mount Rd.</p>	<p>been noted in and adjacent to the majority of wetlands in the ROW at access and work areas. These are not state listed species, but indicate good habitat. 9/23/08</p> <p>An Eastern Box Turtle was observed crossing the ROW and access road off E. Mount Rd. on 7/12/07</p>	<p>mindful of controlling sediment and reducing access near wetlands used for amphibian breeding. Also monitor controls for effectiveness and be mindful that the controls can block foraging/migrating wildlife 9/23/08</p> <p>Work in this area is complete however the area does not have full vegetative cover yet. Perform a sweep of this area prior any additional work or access. 9/23/08</p>	<p>Sweeps need to occur prior to any additional access.</p>
<p><b>Vegetative clearing or stabilization</b></p> <p>ROW west of Scovill Rock SS to Chestnut Junction; Oxbow Jct. to Durham Rd; Durham Rd (Golf course); to Beseck SS; ROW North of Beseck SS to Black Pond</p>	<p>These areas have been final graded, hayed, and seeded. Most are fully stable with 70%+ cover 9/23/08</p> <p>Some reclaimed pad sites remain sparse, likely due previous hot weather, inhibiting vegetative growth and rain washing away seed. This is most common in the Scovill Rock to E. Mount section. 9/23/08</p>	<p>Grass seed germination has slowed due to hot, dry weather. Remove any remaining silt fence after an area has stabilized. 9/23/08</p> <p>Continue to monitor and consider re-seeding some of these areas. Keep in mind the upcoming end of the growing season and favorable weather conditions. 9/23/08</p>	<p>Vegetative cover is established in many areas and many portions of the ROW are well restored with no further inspection required.</p> <p>Continue to monitor and reseed as needed.</p>
<p><b>Dewatering</b></p>	<p>Dewatering is complete at this time. 9/23/08</p>	<p>Continue to restore areas as needed. 9/23/08</p>	<p>NA at this time.</p>
<p><b>Blasting</b></p>	<p>No blasting is proposed. 9/23/08</p>	<p>None 9/23/08</p>	<p>NA</p>
<p><b>Spills, soils and material storage</b> All active areas</p> <p>Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area</p>	<p>Spill controls move from site to site with the equipment. 9/23/08</p> <p>One stone/soil stockpile remains upgradient of wetlands with a filter</p>	<p>Always use spill control materials when working on equipment and during refueling. Park equipment 100 feet from wetlands when feasible 9/23/08</p> <p>Relocate stockpile away from wetlands. See erosion control section.</p>	<p>NA</p> <p>Stockpile upgradient of wetlands needs attention.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>sock at the base. The second pile belongs to the landowner. 9/23/08</b>	<b>9/23/08</b>	<i>BSC was informed the contractor would be evaluating this.</i>
<b>Additional Observations</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Monday September 29, 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*



**Shumpike Rd:** View of western site access. Tire tracks are not project related.



**E. Mount Rd:** Some patches of exposed soils were noted at the the final structure. Determine when areas are 70% vegetated overall.



**Durham Rd:** Access road remains at final grade. Area is regularly inundated with standing water and will be difficult to stabilize the traditional way with seed and mulch.



**Black Pond Jct:** Sparse vegetation remains along some slopes at Black Pond Jct. but area will be evaluated for 70% cover overall.