

**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:** August 18, 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:** 0.79” of precipitation was recorded in the week prior to inspection with 0.71” falling on 8/14 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Restoration is almost complete. 8/18/08	Monitor restored areas for stabilization. Add controls as needed. 8/18/08	Not Applicable (NA)
Scovill SS west to Chestnut Junction Scovill SS to Rte. 9 Rte. 9 to East Mount Rd.	Water bars/drainage ditches remain on permanent access roads. Haybales remain adjacent to wetlands in-between structures 24617 & 24618 and upgradient of wetland #4 to prevent run off from Scovill to Rte 9. 8/18/08	Sweep Freeman Road and Rte 9 as needed. Monitor wetlands around the site for run-off. Monitor haybales for effectiveness. 8/18/08	NA
	One timber mat remains at the 1 <sup>st</sup> saturated crossing off E. Mount Rd. 8/18/08	Monitor the area until stable. Remove mats if access if complete. 8/18/08	NA
Oxbow Junction to Beseck SS Foot Hills Rd. to Durham Rd. (east) Powder Hill Rd.	Most reclaimed access roads and pad sites have well established vegetative cover. 8/18/08	Monitor reclaimed areas for erosion and add controls as needed. 8/18/08	Good vegetative cover in most locations.
Durham Rd (Meadows)	The stone access road in the large wetland system was reclaimed last week. The road was reduced to grade and the water around the access road	Monitor this area closely until it is stable. Additional controls and/or seed should be applied to stabilize the exposed soils if standing	Access road removal in wetlands is complete.  Soils should be stabilized.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Elihu Dr.; Rte. 157 (west) Private Driveway;</b></p> <p><b>Black Pond Junction to Beseck SS ROW, North of Beseck SS to Black Pond Jct.</b></p>	<p><b>was clear. Exposed soils remain. 8/18/08</b></p> <p><b>The small rutted area remains filled with topsoil and seeded along the access road driveway (west of 157). 8/18/08</b></p> <p><b>Final grading and restoration complete from Beseck SS to Black Pond Jct. Water bars and controls remain in place to divert and filter turbid run-off from the wetlands. Wetlands are vegetated. 8/18/08</b></p>	<p><b>water recedes. See inland wetland section. 8/18/08</b></p> <p><b>Monitor the reclaimed area for stabilization. See erosion control section. 8/18/08</b></p> <p><b>Monitor this area for final stabilization and repair controls as needed. See erosion control section 8/18/08</b></p>	<p><b>Some vegetative growth noted.</b></p> <p><b>NA at this time.</b></p>
<p><b>Foundation and site construction</b></p>	<p><b>No work was noted this week. The restoration at Durham Meadows was complete. 8/18/08</b></p>	<p><b>NA 8/18/08</b></p>	<p><b>NA</b></p>
<p><b>Erosion and sediment controls</b> <b>Scovill SS west to Chestnut Junction</b></p> <p><b>Oxbow Junction to Beseck SS</b> <b>Oxbow Jct. to Durham Rd.</b></p> <p><b>Contractor Receiving Yard and Storage Area</b></p>	<p><b>Water bars/drainage ditches are working well in this area. 8/18/08</b></p> <p><b>Restoration complete; however, some areas still appear sparsely vegetated. This is likely due to the hot weather inhibiting vegetative growth. 8/18/08</b></p> <p><b>Reclamation is complete from Oxbow Jct. to Durham Rd. Most areas are fully stable with good vegetative cover. 8/18/08</b></p> <p><b>Controls remain in good shape around the perimeter of the yard. The large exposed storage area (north west of yard) remains covered with hay/seed and is almost stable with vegetation. 8/18/08</b></p>	<p><b>Continue to maintain and ensure water is directed to stable areas. 8/18/08</b></p> <p><b>Continue to monitor and add controls as needed. Monitor newly restored areas for vegetative cover and stabilization. 8/18/08</b></p> <p><b>Remove any remaining silt fence where adjacent areas are fully vegetated. Almost all areas have achieved final stabilization through 70%+ vegetative cover. 8/18/08</b></p> <p><b>Monitor this area for stabilization and continue to maintain controls until stable. 8/18/08</b></p>	<p><b>NA at this time</b></p> <p><b>Additional seed may be needed in some locations during appropriate conditions.</b></p> <p><b>Most areas are fully stable.</b></p> <p><b>NA at this time.</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>The yard, including two remaining stockpiles, remain mulched and seeded. Some of the most recently restored areas are beginning to vegetate. One stockpile is the property of the landowner. The second stockpile will be evaluated. 8/18/08</p>	<p>Monitor the yard for final stabilization. Although controls remain at the base, the stockpile located upgradient from the wetlands should be moved 6/23-8/18/08</p>	<p>Stockpile upgradient from the wetland needs attention. <i>BSC was informed that the contractor will be evaluating the stockpile</i></p>
<p>Durham Rd. (Meadows)</p>	<p>The access road and pads in this area were brought to grade and restored, allowing sheet flow over the wetland. 8/18/08</p>	<p>Controls should be checked, added, and monitored until the exposed areas are stable. 8/18/08</p>	<p>Needs careful monitoring. See Inland wetland/access road sections.</p>
<p>Powder Hill Rd.</p>	<p>Restoration is complete. Slopes appear to be well vegetated and stabilizing. Vehicles drove through this section causing ruts in several wetland crossings. However, the contractor maintains that vehicles were private and not project related (noted 8/5). 8/18/08</p>	<p>The wetland ruts will likely not be repaired as the contractor maintains the damage was caused by private landowners after the project efforts had restored the area. 8/18/08</p>	<p>NA at this time.</p>
<p>Beseck SS to Black Pond Junction ROW, North of Beseck SS to Black Pond Jct.</p>	<p>All pads north of Beseck to Black Pond Jct. have been reclaimed well and the ROW is in good condition. Any remaining silt fence should be removed as final stabilization has been achieved. This include fence remaining near the well-restored stream at #24464. 8/18/08</p> <p>A small area of sparse vegetation was noted on the slopes near East Meriden Sub. Vegetation near Black Pond was also fairly sparse. 8/18/08</p>	<p>Any silt fence will have to be removed now that areas are stabilized. 8/18/08</p> <p>Continue to monitor and maintain controls until final stabilization and vegetative cover has established. Sparse areas of vegetation may need to be reseeded. 8/18/08</p>	<p>Good cover is noted in many areas.</p> <p>Additional seed may be needed below E. Meriden SS and at Black Pond Jct.</p>
<p>Inland Wetland and Watercourse</p>	<p>ACOE permit is in hand.</p>	<p>Perform work in wetlands under the permitted</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>encroachment and mitigation</b></p> <p>Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Durham Rd. (Meadows)</p> <p>Powder Hill Rd.</p> <p>Black Pond Junction to Beseck SS</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. The majority of areas in this segment have been reclaimed. 8/18/08</p> <p>Timber mats have been removed except for the access at E. Mount Rd. 8/18/08</p> <p>The contractor has reduced the grade and width of the access road allowing water to sheet flow across. The exposed soils should be stabilized when standing water recedes. 8/18/08</p> <p>The contractor informed BSC that the restored wetland crossings in this area were disturbed by access by private landowner vehicles since 8/5. 8/18/08</p> <p>The braided stream channels at structure #24415/64 have full vegetative cover. Silt fence here can be removed. 8/18/08</p> <p>Wetlands in this section are fully stable with a few minor patches of sparse vegetation in the uplands. 8/18/08</p>	<p>guidelines. 8/18/08</p> <p>Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. 8/18/08</p> <p>Remove remaining mats unless additional access is needed 8/18/08</p> <p>Stabilize soils in exposed areas to the extent feasible to minimize impacts to surrounding wetlands. 8/18/08</p> <p>The ruts will likely not be repaired by the project since the contractor maintains they were caused by the private landowner. 8/18/08</p> <p>Trees previously cleared in the wetland have new growth sprouting from the stumps and the area has full vegetative cover, including woody species. 8/18/08</p> <p>See erosion controls section for more information. Continue to stabilize sparse upland patches. 8/18/08</p>	<p><i>Restoration is complete monitor for stabilization.</i></p> <p>Timber mats should be removed when feasible.</p> <p>Restoration is complete at the access road and pads.</p> <p>Exposed soils should be stabilized.</p> <p>Ruts through wetlands were caused by private property owners.</p> <p>Full vegetative cover has established in wetlands.</p> <p>Vegetative cover is present. Continue to monitor Black Pond Jct</p>
<p>State species of concern, threatened and endangered species.</p>	<p>Potential habitat for wood turtles exists at Ball Brook in this section. Contractors have avoided</p>	<p>April 1<sup>st</sup> was the start of the wood turtles active season; If any additional access is needed here,</p>	<p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Multiple ROW areas including: Scovill SS; Haddam Quarter Rd. To Foot Hills Rd.; Johnson Lane; Powder Hill Rd.; Contractor Storage Yard Pond; East of Beseck SS</b></p> <p><b>East Mount Rd.</b></p> <p><b>Durham Meadows</b></p>	<p><b>crossing this area. The pad and slope upgradient from the stream are reclaimed. 8/18/08</b></p> <p><b>A variety of wildlife has 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. 8/18/08</b></p> <p><b>An Eastern Box Turtle was observed crossing the ROW and access road off E. Mount Rd on 7/12/07</b></p> <p><b>The contractor had observed the construction window during the breeding season for the King Rail and Blue-winged Teal which has since lifted. 8/18/08</b></p>	<p><b>sweeps have to be performed. 8/18/08</b></p> <p><b>Continue to be very 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 8/18/08</b></p> <p><b>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. 8/18/08</b></p> <p><b>Reclamation work is now complete in this area. See Inland Wetland and Erosion Control sections. 8/18/08</b></p>	<p><b>Continue to monitor</b></p> <p><b>Sweeps need to occur prior to any additional access.</b></p> <p><b>Restoration complete Stabilize exposed soils.</b></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><b>These areas have been final graded, hayed, and seeded. Most are fully stable with 70%+ cover 8/18/08</b></p> <p><b>Some reclaimed pad sites remain fairly sparse, likely due to hot weather, inhibiting vegetative growth. This is most common in the Scovill Rock to E. Mount Rd. section. 8/18/08</b></p>	<p><b>Grass seed germination has slowed due to hot, dry weather. Remove any remaining silt fence after an area has stabilized. 8/18/08</b></p> <p><b>Continue to monitor and consider re-seeding some of these areas during more favorable conditions. 8/18/08</b></p>	<p><b>Vegetative cover is established in many areas and many portions of the ROW are well restored.</b></p> <p><b>Continue to monitor and reseed during appropriate conditions.</b></p>
<p><b>Dewatering</b></p>	<p><b>Dewatering is complete at this time. 8/18/08</b></p>	<p><b>Continue to restore areas as needed. 8/18/08</b></p>	<p><b>NA at this time.</b></p>
<p><b>Blasting</b></p>	<p><b>No blasting is proposed. 8/18/08</b></p>	<p><b>None 8/18/08</b></p>	<p><b>NA</b></p>

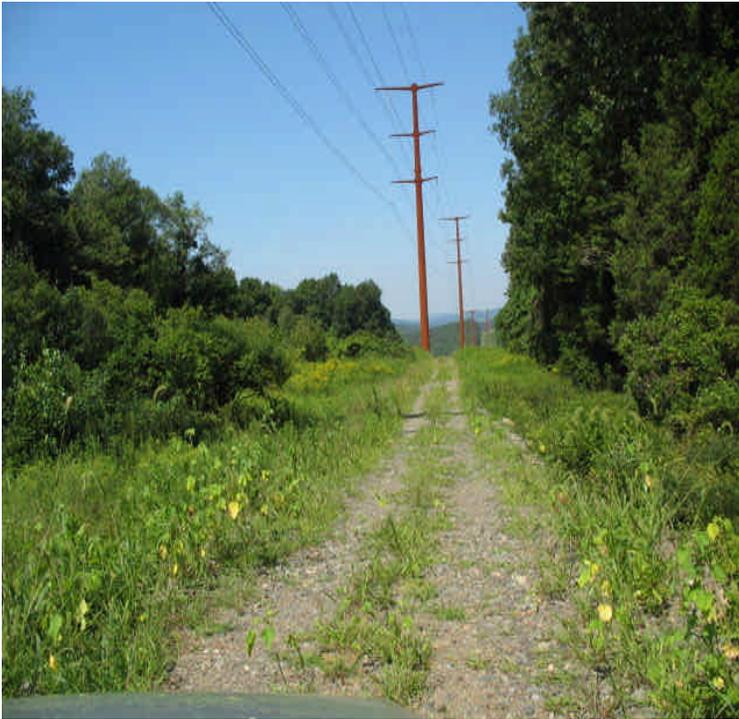
Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Spills, soils and material storage</b>  All active areas</p> <p><b>Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area</b></p>	<p><b>Spill controls move from site to site with the equipment. 8/18/08</b></p> <p><b>All but two of the original stone/soil stockpiles have been spread. The remaining piles have been temporarily seeded and mulched. One remains upgradient of wetlands with a filter sock at the base. The second pile belongs to the landowner. 8/18/08</b></p>	<p><b>Always use spill control materials when working on equipment and during refueling. Park equipment 100 feet from wetlands when feasible 8/18/08</b></p> <p><b>Relocate stockpile away from wetlands. See erosion control section. 8/18/08</b></p>	<p><b>NA</b></p> <p><b>Stockpile upgradient of wetlands needs attention.</b></p> <p><i>BSC was informed the contractor would be evaluating this.</i></p>
<p><b>Additional Observations</b></p>	<p><b>NA</b></p>	<p><b>NA</b></p>	<p><b>NA</b></p>

**Next likely scheduled inspection:** Monday August 25, 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



**Haddam Quarter: Vegetative growth has stabilized the ROW and wetland crossing**



**Johnson Ln: Vegetative cover has stabilized the ROW and wetlands.**



**Durham Rd: Final restoration complete within Durham Meadows. Check/add controls and monitor the area until stable. The access road has been brought to grade, allowing sheet flow.**



**Fleming Rd: Reclaimed soils are stable with vegetative cover.**