

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 16, 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: 1.33” of precipitation was recorded in the week prior to inspection with 0.56” falling on 9/12 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Restoration is almost complete. 9/16/08	Monitor restored areas for stabilization. Add controls as needed. 9/16/08	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. 9/16/08	Monitor wetlands around the site for run-off. Monitor haybales for effectiveness. 9/16/08	NA
	One timber mat remains at the 1 st saturated crossing off E. Mount Rd. and the major crossing off Rte 9. 9/16/08	Monitor the area until stable. Remove mats if access if complete. 9/16/08	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. 9/16/08	The majority of these areas no longer need inspection. 9/16/08	Areas will be removed from inspection as they have adequate cover.
Durham Rd	The stone access road in the large wetland system was removed (noted 8/11). The road was reduced to grade and the	Monitor this area closely until it is stable. Additional controls and/or seed should be applied to stabilize the	Access road removal in wetlands is complete. Exposed soils are flooded.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Elihu Dr.; Rte. 157 (west) Private Driveway;</p> <p>Black Pond Junction to Beseck SS ROW, North of Beseck SS to Black Pond Jct.</p>	<p>water around the access road is clear. Exposed soils were flooded. 9/16/08</p> <p>The small rutted area remains filled with topsoil and seeded along the access road driveway (west of 157). The area has not filled in but is small in size and does not appear to pose an issue. 9/16/08</p> <p>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. 9/16/08</p>	<p>exposed soils if standing water recedes. See inland wetland section. 9/16/08</p> <p>The area is not a concern and appears 70% vegetated over all. 9/16/08</p> <p>Monitor this area for final stabilization. See erosion control section 9/16/08</p>	<p>NA at this time.</p> <p>NA at this time.</p>
<p>Foundation and site construction</p>	<p>No work was noted this week. 9/16/08</p>	<p>NA 9/16/08</p>	<p>NA</p>
<p>Erosion and sediment controls Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Oxbow Jct. to Durham Rd.</p> <p>Contractor Receiving Yard and Storage Area</p>	<p>Water bars/drainage ditches are working well in this area. 9/16/08</p> <p>Restoration complete; however, some areas still appear sparsely vegetated. This is likely due to the hot weather inhibiting vegetative growth or seed being washed away. 9/16/08</p> <p>Reclamation is complete from Oxbow Jct. to Durham Rd. Controls have been removed in stable areas. Only Durham Meadows remains exposed as it was recently reclaimed. 9/16/08</p> <p>Controls remain in good shape around the perimeter of the yard. The area north west of</p>	<p>Continue to maintain and ensure water is directed to stable areas. 9/16/08</p> <p>Continue to monitor and add controls as needed. Monitor newly restored areas for vegetative cover and stabilization. 9/16/08</p> <p>With the exception of Durham Meadows, this section has achieved final stabilization through 70%+ vegetative cover and will no longer require inspection. 9/16/08</p> <p>Monitor this area for stabilization and continue to maintain controls until stable. 9/16/08</p>	<p>NA at this time</p> <p>Additional seed may be needed in some locations during appropriate conditions.</p> <p>This area (except Durham Meadows) is fully stable and will no longer need inspection.</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Durham Rd.</p> <p>Beseck SS to Black Pond Junction ROW, North of Beseck SS to Black Pond Jct.</p>	<p>yard is almost stable with vegetation. 9/16/08</p> <p>Two remaining stockpiles were hayed and seeded and are beginning to vegetate. One stockpile is the property of the landowner. The second stockpile will be evaluated. 9/16/08</p> <p>A gate and fence remains across the access road and upper section of the wetland. This was likely the result of the property owner's activities. This area is stable. 9/16/08</p> <p>The access road and pads in this area remain at grade, allowing sheet flow over the road. Access road is flooded. 9/16/08</p> <p>All pads north of Beseck to Black Pond Jct. (with the exceptions noted below) have been reclaimed well and the ROW is in good condition. 9/16/08</p> <p>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. 9/16/08</p>	<p>Monitor the yard for final stabilization. Although controls remain at the base, the stockpile located upgradient from the wetlands should be moved 6/23-9/16/08</p> <p>None. The area is stable with vegetation. 9/16/08</p> <p>Controls should be checked, added, and monitored until the exposed areas are stable. 9/16/08</p> <p>This section has achieved final stabilization through 70%+ vegetative cover and the majority of areas no longer require inspection. 9/16/08</p> <p>Determine if areas have 70% cover overall despite the presence of exposed areas. Sparse areas of vegetation may need to be reseeded. 9/16/08</p>	<p>Stockpile upgradient from the wetland needs evaluation.</p> <p>Area is stable.</p> <p>Needs careful monitoring.</p> <p>Most areas are stable and no longer require inspection.</p> <p>Additional seed may be needed in sparse areas.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>ACOE permit is in hand.</p> <p>In accordance with the D&M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland</p>	<p>Perform work in wetlands under the permitted guidelines. 9/16/08</p> <p>Any additional work needed in and around wetlands should be expedited. 9/16/08</p>	<p>NA</p> <p>Restoration is complete monitor for stabilization.</p>

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<p>Scovill SS west to Chestnut Junction</p> <p>Oxbow Junction to Beseck SS Durham Rd.</p>	<p>soils. The majority of areas in this segment have been reclaimed and no longer need inspection. 9/16/08</p> <p>Timber mats remain at the entrance at E. Mount and at the major crossing off Rte 9. 9/16/08</p> <p>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. 9/16/08</p>	<p>Remove remaining mats unless additional access is needed 9/16/08</p> <p>Stabilize soils in exposed areas to the extent feasible to minimize impacts to surrounding wetlands. 9/16/08</p>	<p>Timber mats should be removed when feasible.</p> <p>Some of the soils remain inundated while adjacent areas were mulched.</p>
<p>State species of concern, threatened and endangered species.</p> <p>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</p> <p>East Mount Rd.</p>	<p>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. 9/16/08</p> <p>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. 9/16/08</p> <p>An Eastern Box Turtle was observed crossing the ROW and access road off E. Mount Rd. on 7/12/07</p>	<p>April 1st was the start of the wood turtles active season; If any additional access is needed here, sweeps have to be performed. 9/16/08</p> <p>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 9/16/08</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. 9/16/08</p>	<p>No further access should be necessary as the area is stable.</p> <p>Continue to monitor</p> <p>Sweeps need to occur prior to any additional access.</p>
<p>Vegetative clearing or stabilization</p> <p>ROW west of Scovill Rock SS to Chestnut</p>	<p>These areas have been final graded, hayed, and seeded. Most are fully stable with 70%+ cover 9/16/08</p>	<p>Grass seed germination has slowed due to hot, dry weather. Remove any remaining silt fence after an area has stabilized.</p>	<p>Vegetative cover is established in many areas and many portions of the ROW are well restored with</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Junction; Oxbow Jct. to Durham Rd; Durham Rd (Golf course); to Beseck SS; ROW North of Beseck SS to Black Pond	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 section. 9/16/08	9/16/08 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. 9/16/08	no further inspection required. Continue to monitor and reseed during appropriate conditions.
Dewatering	Dewatering is complete at this time. 9/16/08	Continue to restore areas as needed. 9/16/08	NA at this time.
Blasting	No blasting is proposed. 9/16/08	None 9/16/08	NA
Spills, soils and material storage All active areas	Spill controls move from site to site with the equipment. 9/16/08	Always use spill control materials when working on equipment and during refueling. Park equipment 100 feet from wetlands when feasible 9/16/08	NA
Oxbow Junction to Beseck SS Contractor Receiving Yard and Staging Area	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. 9/16/08	Relocate stockpile away from wetlands. See erosion control section. 9/16/08	Stockpile upgradient of wetlands needs attention. <i>BSC was informed the contractor would be evaluating this.</i>
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Tuesday September 23, 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



Scovill SS: Several exposed soil areas remain along the ROW from Scovill SS to the west, following reclamation efforts over the summer.



Durham Rd: Exposed soil remains in areas where standing water regularly inundates and then recedes. Ensure these areas become stable.



Rte 157 Private Driveway: Ruts have been filled and seeded; however the area has been slow to establish full vegetative cover. The area does not appear to present an issue.



E. Meriden SS: Old stone stockpile remains south of E. Meriden SS.