

**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.**

**Beseck Switching Station Inspection**

**Date:** October 30, 2007

**Inspector:** Matthew Creighton

**Location:** Beseck Switching Station

**Rainfall:** 1.09" of precipitation was recorded in the week prior to inspection with 0.69" of the total reported on 10/27 (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>Turbid run-off should not be an issue from the eastern access road any longer. The drive has been reduced to 15' wide and erosion control mats are fully installed over the previously disturbed soils along the edge. Sub-base is in place, awaiting final paving. 10/30/07</b>	<b>Continue to monitor controls until the site is at final stabilization with established vegetative cover. Ensure that turbid run-off is no longer an issue. 10/30/07</b>	<b>Erosion control blankets are fully in place.</b>
	<b>1A contractors continue to access the ROW from the original access off Carpenter Ln. Sediment tracking was removed from the roadway this week. 10/30/07</b>	<b>Continue to maintain and work out schedule with 1A contractors to share responsibility. Tracking not jurisdictional to this report. 10/30/07</b>	<b>Not Applicable (NA) See 1A report for more details.</b>
	<b>Disturbed areas have been graded and seeded, and erosion mats were installed along the western site access. The drive is reduced in size and sub-base is in place for final paving. 10/30/07</b>	<b>Continue to monitor this entrance during rainstorms and replace controls as needed until stable. 10/30/07</b>	<b>Exposed areas were graded, seeded, and erosion mats were installed.</b>
	<b>Soil stockpiles in the previous access to the west of the site, were removed by 1A</b>	<b>Even though work in this area was previously listed as part of Beseck activities, 1A contractors</b>	<b>NA- Not jurisdictional to this report. Please see 1A reports for details.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Access roads and adjacent roadways (continued)</b></p>	<p>contractors. Haybales had been removed from the site entrance for access, and mulch/seed remain on exposed soils. 10/30/07</p> <p>Carpenter Lane has been swept. 10/30/07 Catch basin controls still need some attention 10/1-10/30/07</p> <p>The two access driveways and areas of Carpenter Lane that were damaged by equipment months ago during active work should be paved during the next several weeks. 10/30/07</p>	<p>are now responsible for active work here. Please review 1A reports for more information. 10/30/07</p> <p>Continue to clean/sweep roadway and maintain catch basin controls on a regular basis. Clean gutters by hand and replace liners as necessary. 10/1-10/30/07</p> <p>Paving should be completed within the next few weeks. 10/30/07</p>	<p>Roadway was swept but controls need minor attention.</p> <p>Areas of Carpenter Lane are to be revisited when paving occurs on site.</p>
<p><b>Foundation and site construction</b></p>	<p>Grading along the access roads appears complete. Road sub-base is in place on both access drives and within the substation. The majority of the site work is complete, but contractors continue to work on wiring. 10/30/07</p>	<p>Continue to monitor. 10/30/07</p>	<p>NA</p>
<p><b>Erosion and sediment controls</b></p>	<p>Riprap dissipater pads remain at the drain inlets in the permanent detention basins. Clear standing water was noted. 10/30/07</p> <p>Previously exposed areas along the edges of the access drives appear very well temporarily stabilized with seed, mulch and erosion control blankets. 10/30/07</p> <p>Haybales were removed from the stormwater</p>	<p>Add seed to areas exposed by removal of erosion controls if necessary. 10/30/07</p> <p>Continue to monitor for final stabilization and vegetative cover. 10/30/07</p> <p>Remove all visible, accumulated sediment</p>	<p>NA at this time.</p> <p>Disturbed areas were temporarily stabilized very well.</p> <p>Needs additional attention and sediment</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	outlet pipe at the wetland across Carpenter Lane (10/23). Water within the outlet and wetlands was clear. Accumulated sediment from beneath the haybales remains at the outlet. 10/23-10/30/07	filtered by the haybales and deteriorated hay from the wetlands and outlet. 10/23-10/30/07	removal.
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	Haybales have been removed from the outlet and the wetlands across Carpenter Lane (10/23). Sediment accumulation was noted within and around the outlet where the haybales had been. 10/23-10/30/07	Continue to remove all visible sediment from within and around the outlet (and whatever is feasible from within the pipe). Seed the area with a wetland seed mix for final stabilization. Access roads are not fully stabilized/paved, therefore haybales may need to be replaced during heavy rain. 10/23-10/30/07	Replace controls as needed. Sediment needs some additional attention.
<b>State species of concern, threatened and endangered species.</b>	According to the D&M plan, state-listed species are not located in this work area. 10/30/07  Several different species of frogs, turtles, and salamanders have been noted in wetlands south of Carpenter Ln. and east of Beseck this spring and last year. 10/30/07	None. 10/30/07  Although these species were not state-listed, it indicates good habitat. Continue to make good efforts to reduce impacts to these wetlands to the extent possible. 10/30/07	NA  NA
<b>Vegetative clearing or stabilization</b>	The hydroseeded and landscaped areas around site are at the 75% or greater vegetative cover mark. Erosion control mats remain in place on steep slopes and are in place along the edge of the access road. 10/30/07	Monitor site closely, especially during heavy rains and continue to make good efforts to stabilize washouts. Hand seed the sparse areas of vegetation to increase stabilization as needed. 10/30/07	NA at this time- areas appear temporarily stable.
<b>Dewatering</b>	Foundations are complete and no dewatering should be required. 10/30/07	If future storms overwhelm the capacity of the basins, the controls will have to be revisited.	NA at this time.

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
		<b>10/30/07</b>	
<b>Blasting</b>	<b>All blasting was complete as of 9/7/06.</b>	<b>None. 10/30/07</b>	<b>NA</b>
<b>Spills, soils and material storage</b>	<b>Spill cleanup materials were available on site and are being used and restocked as needed. 10/30/07</b>  <b>Small stockpiles of access road sub-base were noted onsite. 10/23-10/30/07</b>	<b>Always use spill control materials when working on equipment and during refueling. Final house keeping should occur as activities wrap-up. 10/30/07</b>  <b>Monitor sub-base and remove additional material as feasible. 10/23-10/30/07</b>	<b>NA</b>  <b>NA at this time</b>
<b>Additional Observations</b>	<b>None 10/30/07</b>		

**Next likely scheduled inspection:** **Tuesday November 6 , 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:** Matt Creighton, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Eastern side of the site, view from Carpenter Lane. Exposed areas have been covered with seed and erosion control mats.**



**Clear standing water noted at the drain inlets within the detention basin.**



**Road base was installed at final grade and a drainage swale remains along the western access road. Erosion control mats have been installed over exposed soil.**



**Haybales were removed from the outlet across Carpenter Lane. Effort should be made to remove all visible sediment at the outlet and within the pipe. Seed the disturbed area with wetland mix.**