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: **December 31, 2007**

Inspector: **Matthew Creighton**

Location: **Beseck Switching Station**

Rainfall: **1.03" of precipitation was recorded in the week prior to inspection with 0.42" falling on 12/29 (NOAA data at Meriden, CT).**

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Erosion control mats and seed remain in place over previously disturbed soil shoulders along the eastern site access. 12/31/07	Continue to monitor for turbid run-off until the site is at final stabilization with established vegetative cover. Add controls as needed to contain sediment. 12/31/07	Not Applicable (NA) at this time.
	1A contractors are now accessing the ROW from the western access off Carpenter Ln. Sediment tracking from Beseck is no longer an issue (as of 11/27) as the access roads are paved and the site is covered in stone. 12/31/07	As all areas are at final cover at the station, responsibility for sweeping the roadway falls largely to 1A & 2A contractors. 12/31/07	NA. See 1A/2A report for more details.
	Erosion control mats remain in place along the shoulders of the western site access. Curbing at this drive also helps to detain water. A small area of exposed soil was noted along the western access curbing, likely as a result of plowing. 12/26-12/31/07	Stabilize the small area of newly disturbed soils as needed. 12/26-12/31/07	Needs to be monitored.
	Hay mulch and seed	Ensure there is sufficient	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	remain on exposed soils at the old western driveway as well as a soil berm located at the edge of Carpenter Ln. 12/31/07	**stabilization for winter months. Replace controls across the entrance if needed. 12/31/07**	
	Catch basin controls have been removed except for the one CB within the eastern access. 12/31/07	**Segment 1A/2A contractors should install catch basin controls in Carpenter Lane if necessary. 12/31/07**	**NA- See 1A and 2A reports for more details.**
Foundation and site construction	**No activity at this time. Contractors are on a two week break for the holidays. 12/31/07**	**NA. 12/31/07**	**NA**
Erosion and sediment controls	**The detention basins are stable. 12/31/07**	**None. 12/31/07**	**NA at this time.**
	Previously exposed areas along the edges of the access drives remain temporarily stabilized with seed, mulch and erosion control blankets. 12/31/07	**Continue to monitor for final stabilization and vegetative cover. 12/31/07**	**NA at this time.**
	Haybales were removed from the stormwater outlet pipe at the wetland across Carpenter Lane (10/23). Accumulated sediment from beneath the haybales remains at the outlet within the wetland. 10/23-12/31/07 However, a small channel was made through the accumulated sediment to allow drainage to the wetland. 12/5-12/31/07 It also appears that some sediment was removed and placed on the adjacent slope, immediately upgradient. 12/26-12/31/07	**Remove all remnant hay and visible, accumulated sediment filtered by the haybales, from the wetlands and outlet. 10/23-12/31/07 See Inland wetland section. 12/31/07**	**Needs additional attention and sediment removal.**
Inland Wetland and Watercourse encroachment and	**Haybales have been removed from the outlet and the wetlands across**	**Remove all visible sediment from within and around the outlet (and**	**Sediment needs additional attention.**

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	**Carpenter Lane (10/23). Sediment accumulation was noted within and around the outlet where the haybales had been. 10/23-12/31/07** **Contractors have made several attempts to remove sediment, including the creation of the small drainage channel but accumulated sediment remains. The sediment removed also appears to have been spread on the slope immediately adjacent to the edge of the wetland. 12/31/07**	**whatever is feasible from within the pipe). Seed the area with a wetland seed mix for final stabilization. The edges of the access roads are not fully stabilized, therefore haybales should be replaced during heavy rain. 10/23-12/31/07** **Continue to attend to this. Provide oversight so that the task is completed appropriately when contractors return from break. 12/18-12/31/07**	**Sediment needs some additional attention.**
State species of concern, threatened and endangered species.	**According to the D&M plan, state-listed species are not located in this work area. 12/31/07** **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. 12/31/07**	**None. 12/31/07** **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. 12/31/07**	**NA** **NA**
Vegetative clearing or stabilization	**The hydroseeded and landscaped areas around site are at the 75% or greater vegetative cover mark except for small areas recently seeded along the access roads. Erosion control mats remain in place on steep slopes and are in place along the edge of the access road except for a small, recently disturbed area along the western access. 12/31/07**	**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 in the spring. 12/31/07**	**Curbing appears to be functioning similarly to the previously installed haybales.**

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Some shrub/sapling mortality was observed in the plantings along the eastern access. 12/11-12/31/07	**Evaluate with the landscaper and arrange for replacement at the appropriate time of year. 12/11-12/31/07**	**Needs some attention when feasible**
Dewatering	**Dewatering should no longer be necessary. 12/31/07**	**If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 12/31/07**	**NA at this time.**
Blasting	**All blasting was complete as of 9/7/06.**	**None. 12/31/07**	**NA**
Spills, soils and material storage	**Spill cleanup materials were available on site and are being used and restocked as needed. 12/31/07**	**Always use spill control materials when working on equipment and during refueling. Final house keeping should occur as activities wrap-up. 12/31/07**	**NA**
Additional Observations	**None 12/31/07**		

Next likely scheduled inspection: **Wednesday January 9, 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*

View along the eastern site access from Carpenter Lane.

View along the western site access from Carpenter Lane.

A small disturbed area was noted at the western access curb, likely as a result of plowing.

The small channel appears to have widened, possibly from snow melt combined with stormwater. Attention is still needed in this area. When crews return from break, they should remove the sediment prior to the next storm or frozen conditions.

Photos by BSC Group