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: **November 20, 2007**

Inspector: **Matthew Creighton**

Location: **Beseck Switching Station**

Rainfall: **0.67" of precipitation was recorded in the week prior to inspection with 0.25" of the total reported on 11/20 (NOAA data at Meriden, CT).**

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Despite efforts such as erosion control mats and seed in place over previously disturbed soil shoulders, some amount of turbid run-off was still noted from the eastern access road during rain events. Grass growth was noted but soils are not fully stabilized. The drive is paved. 11/20/07	Continue to monitor controls until the site is at final stabilization with established vegetative cover. New haybales are needed at the entrance to Carpenter Lane. 11/6-11/20/07	The drive has been paved. Still needs regular attention.
	1A contractors continue to access the ROW from the original access off Carpenter Ln. A stone entrance pad remains in place and sediment tracking was not observed. 11/20/07	As areas are paved at the station, responsibility for sweeping falls largely to 1A contractors. 11/20/07	Not Applicable (NA) See 1A report for more details.
	The western site access drive is also paved. Erosion control mats remain in place along the shoulders. Clear run-off was noted. 11/20/07	Continue to monitor during rain events to ensure turbid run-off does not re-occur. 11/20/07	NA at this time
	Hay mulch and seed remain on exposed soils at the old western driveway as well as a soil	Ensure there is sufficient stabilization for winter months. Replace controls across the entrance if	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways (continued)	**berm located at the edge of Carpenter Ln. 11/20/07**	**needed. 11/20/07**	
Foundation and site construction	**The majority of the site work is complete, but contractors continue to work on wiring. 11/20/07**	**None. 11/20/07**	**NA**
Erosion and sediment controls	**Riprap dissipater pads remain at the drain inlets in the permanent detention basins. Clear standing water was noted. 11/20/07**	**Add seed to areas exposed by removal of erosion controls if necessary. 11/20/07**	**NA at this time.**
	Previously exposed areas along the edges of the access drives remain temporarily stabilized with seed, mulch and erosion control blankets. Despite efforts, small amounts of sediment are still leaving the site via stormwater. 11/6-11/20/07	**Continue to monitor for final stabilization and vegetative cover. Replace haybales at entrances in an effort to reduce turbid run-off. 11/6-11/20/07**	**Still needs regular attention despite good efforts to stabilize.**
	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. 10/23-11/20/07 **Water within the outlet and wetlands was slightly turbid again during small rain events. 11/6-11/20/07**	**Remove all visible, accumulated sediment filtered by the haybales and deteriorated hay from the wetlands and outlet. 10/23-11/20/07** **Replace controls as needed to protect the wetlands until access road work is complete and the site is at final vegetative cover throughout. 11/6-11/20/07**	**Needs additional attention and sediment removal.**
Inland Wetland and Watercourse encroachment and mitigation	**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. 10/23-11/20/07**	**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. The edges of the access roads**	**Sediment needs some additional attention.**

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Despite good efforts, eastern access road shoulders are not fully stabilized and turbid water has been noted leaving the site and entering the wetlands. 11/6-11/20/07	**are not fully stabilized, therefore haybales should be replaced during heavy rain. 10/23-11/20/07**	
State species of concern, threatened and endangered species.	**According to the D&M plan, state-listed species are not located in this work area. 11/20/07** **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. 11/20/07**	**None. 11/20/07** **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. 11/20/07**	**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. 11/20/07**	**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. 11/20/07**	**Haybales should be replaced at the ends of the eastern access roads and within the wetlands during rain events.**
Dewatering	**Dewatering should no longer be necessary. 11/20/07**	**If future storms overwhelm the capacity of the basins, the controls will have to be revisited. 11/20/07**	**NA at this time.**
Blasting	**All blasting was complete as of 9/7/06.**	**None. 11/20/07**	**NA**
Spills, soils and material storage	**Spill cleanup materials were available on site and are being used and restocked as needed. 11/20/07**	**Always use spill control materials when working on equipment and during refueling. Final house keeping should occur as activities wrap-up. 11/20/07**	**NA**

Areas of Inspection	Observation	Recommended Action	Corrected Action
Additional Observations	**None 11/20/07**		

Next likely scheduled inspection: **Tuesday November 27 , 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 along the paved drive. Erosion control mats and seed remain in place along the shoulders. However, some turbid run-off continues to leave the site during rain events.

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

Western site access is at final grade and pavement. Clear run-off was noted leaving the site from this access. Continue to monitor during rain events.

View of the outlet across Carpenter Lane where slightly turbid water was noted in the wetlands following a small rain event. Efforts should be made to remove all visible, settled sediment at the outlet and within the pipe. Seed the disturbed area with wetland mix.

Photos by BSC Group