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: August 3, 2006

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: Only traces of rain reported between 7/27-8/2, at Meriden CT (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All truck traffic is using stone entrance on east side. It is fairly clean and additional stone will be placed at entrance at the end of the day. New stone continues to be pulled back from the roadway. 8/3/06	Continue to check stone construction entrance and clean/refresh stone as needed. Keep Carpenter Lane clear of stone. 8/3/06	Stone continues to be pulled back from roadway.
	Street sweeping continues at the site, sediment is being removed from the edge (gutter) of Carpenter Lane. Some slight tracking was noted 8/3/06	Street sweeping should continue to be performed and soil should be removed from the gutter, by hand if necessary. 8/3/06	Street sweeping was being performed during the inspection.
	Haybales remain at the edge of the entrance pad to filter water leaving the site, with small stones placed at the corners of the catch basins (CBs) to hold the filter fabric in place. 8/3/06	Continue to monitor the stormwater leaving the site and replace erosion controls as needed. 8/3/06	Haybales are placed across the stone entrance prior to any rain event.
	Silt barrier liners in CBs should be replaced. 8/3/06	Continue to monitor and maintain liners as needed. 8/3/06	Silt liners are being replaced regularly.
Foundation and site construction	Grading onsite continues; blasting and excavation in northern portion, filling in southern portion.	Erosion controls may need to be adjusted as grading changes. 8/3/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation and site construction continued	**Work is ongoing to grade a new access drive to the site. 8/3/06**		
	Block retaining walls are finished along south side of site. 8/3/06	**Grade and seed south side of site along Carpenter Lane now that retaining walls are complete. 8/3/06**	**NA**
	New storm drain system is being installed as the site grading is raised. A basin is in place near inlet pipe to allow water to stand and evaporate. 8/3/06	**Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 8/3/06**	**NA**
Erosion and Sediment Controls	**Silt fence is secure and well-maintained. South and east side reinforced with bark mulch. 8/3/06**	**Continue to inspect and maintain silt fence throughout site and fix as needed. 8/3/06**	**NA.**
	A settling area remains in place north of inlet pipes. Recently installed CB onsite remains surrounded by stone, and covered with filter fabric. 8/3/06	**Stormwater is being retained onsite and left to evaporate/infiltrate. When areas are at finished grade, seed for vegetative cover. 8/3/06.**	**Settling basin is in place.**
	Temporary settling area remains in the southwest portion of site. 8/3/06	**Area is drying and holds a minimal amount of water. 8/3/06**	**NA**
	A line of haybales was installed along the driveway in an effort to reduce sedimentation to the pad. 8/3/06	**Continue to maintain as necessary. 8/3/06**	**Additional haybales were installed**
	Three layers of haybales were intact across the old Zolnik driveway. Stone berms were in place along the driveway for added filtration. 7/6-8/3/06	**Grass growth was noted on the recently seeded stockpiles. 8/3/06**	**NA**
	Stormwater controls should change in response to grading changes; stabilize areas expected to remain unworked for more than	**Additional stabilization of open areas with seed, mulch, or straw should be considered to help reduce sediment loads in run-off (as applicable).**	**Needs evaluation.**

Areas of Inspection	Observation	Recommended Action	Corrected Action
	14 days; ie. along Carpenter Lane now that first section of wall is finished. 8/3/06	**7/13-8/3/06.**	
Inland Wetland and Watercourse encroachment and mitigation	**Wetlands on east side of site were clean and well protected. 8/3/06**	**Continue to monitor. 8/3/06**	**NA**
	Wetlands south of site across Carpenter Lane contains previously accumulated sediment near the drain outlet. This was partially attributed to grout damage in the new drainage pipe, which has since been repaired. 713-8/3/06	**Continue to monitor outlet area. Accumulated sediment from the site should be removed carefully from the wetland by hand (with shovels) at the next opportunity when conditions have dried. 7/13-8/3/06**	**Sediment will be removed as soon as standing water has dried.**
	Some turbid water was flowing from the outlet. A line of haybales remains at the outfall pipe to filter water as it enters the wetland. 8/3/06	**Monitor haybales and remove sediment as needed so haybale line continues to work properly. 8/3/06**	**NA**
State species of concern, threatened and endangered species.	**According to the D&M plan, state-listed species are not located in this work area.**	**None 8/3/06**	**NA**
Vegetative clearing or stabilization	**All vegetative clearing was complete as of 6/8/06**	**None 8/3/06**	**NA**
Dewatering	**Dewatering is not being performed at this time. 8/3/06**	**None**	**NA**
Blasting	**Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue for several weeks. 8/3/06**	**Caution should continue to be taken that no blast material is allowed to leave the site. 8/3/06**	**Rubber mats prevent material movement.**
	Rock crushing is also occurring and materials are being used on site. 8/3/06	**None**	**NA**
Spills, Soils and Material Storage	**Soil is being removed from the site or used as fill along the southern edge of the site. 8/3/06**	**Soils appear to be handled appropriately. 8/3/06**	**NA**

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills, Soils and Material Storage continued	**Grass growth is present at the soil stockpiles along western driveway and in the southeastern area. Grass growth was also noted on the compacted soil within the old Zolnik property. 8/3/06**	**Stockpiles should continue to be located away from the road and drains. Place seed for temporary stabilization of any stockpiles that will remain in place for more than 14 days 8/3/06**	**Grass growth observed on stockpiles.**
	Large expanses of disturbed soil on site will continue to make sediment attenuation difficult at stormwater inlet areas. Any areas that will be unworked for several weeks should be stabilized. 8/3/06	**Consider placing seed, straw, or mulch as a temporary stabilization measure to reduce sediment loads where work is not actively occurring or not expected to occur for 14 days. 8/3/06**	**Needs evaluation for feasibility.**
	Spill cleanup materials were available on site and are being restocked as needed. 8/3/06	**Always use spill control materials when working on equipment and during refueling. 8/3/06**	**NA**
Additional Observations	**NA**	**NA**	**NA**

Next likely scheduled inspection: **Wednesday August 9, 2006**

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: *Matthew Creighton*

Reviewer: *Diana Walden, Stephen Herzog*

Crushed stone construction entrance pad is mostly clean; some minor tracking was noted on Carpenter Lane and the road should continue to be cleaned/swept, including the gutters by hand if necessary (photograph courtesy of Tom Degnan)

Grading and seeding remain to be done between Carpenter Lane and retaining walls.

New site entrance to be constructed in this location with a recently installed catch basin.

Detention pond/settling area retaining ponded run-off.

Photos by BSC Group

New haybale line installed to prevent sedimentation to the stone entrance pad (photograph courtesy of Tom Degnan)

The temporary settling area in the southwest corner of the site remains in place but holds very little water.

Haybales remain staked in place for additional filtration at the storm drain outlet. Water flowing from the outlet was turbid. (photograph courtesy of Tom Degnan)

Flow from the culvert is being filtered by haybales prior to entering the wetland. Water remains slightly turbid. Sediment accumulation from the previous rain events will be removed when dry. (photograph courtesy of Tom Degnan)

Photos by BSC Group