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

Date: May 31, 2006

Inspector: Matthew Creighton, Diana Walden

Location: Beseck Switching Station

Rain Event: 0.18" rain reported on May 26 at Meriden CT; (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Most trucks are using the stone pad entrance on the east side of the site. The roadway pavement was warm and construction vehicles were tracking into it, leaving small stones on the roadway. 5/31/06	Check stone construction entrance periodically to ensure it does not become filled/buried with soil; clean/refresh stone as needed. 5/31/06 Street sweeping should be performed as needed. 5/31/06	Crews started to sweep the small stones from the roadway during the inspection as soon as it was noted.
	Some crews are using the old driveway on the west side of the site. No significant tracking of soil was present here. 5/31/06	Some stone was noted at the entrance to the existing driveway on the west side of the site but it was not in place as an entrance pad yet. 5/31/06	NA
	Haybales were moved from the driveway on the west side of the site for stone deliveries being used to install the new storm water system. 5/31/06	Haybales are returned at the end of each day. They will also be returned prior to rain events. 5/31/06	NA
	Silt barrier liners in the catch basins (CB) were working well but some sediment was starting to build up. 5/31/06	Replace silt liners. Continue to monitor and maintain as needed. 5/31/06	CB controls are being monitored regularly.
	The new fabric silt liners are still working well and	Watch the durability of the new fabric and make	-NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	allow water to flow more freely to reduce ponding on Carpenter Lane. 5/31/06	**sure the thinner fabric won't rip or allow sediment to pass. 5/31/06**	
Foundation and site construction	**- Significant grading efforts are ongoing. Soil is being used to raise the elevation on the southern side of the site. 5/31/06**	**None**	**NA**
	- The two settling basins and the storm drain inlet onsite have been filled to make way for the new storm water system, which will include two retention basins and a new storm water inlet pipe and CB. 5/31/06	**- See erosion control section 5/31/06**	**- NA**
Erosion and Sediment Controls	**Silt fence installation around the south and east side of the site is in good condition. Silt fence installation is complete around the new stockpiling area at the old Zolnik property. 5/31/06**	**Maintain/inspect silt fence throughout construction. Silt fence is well installed and backed w/ supporting mesh/wire. 5/31/06**	**Silt fence installation was complete at the Zolnik property.**
	The open end of the drain pipe is being placed with filter fabric and haybales at the end of each day during construction. 5/31/06	**Continue to watch the storm water leaving the site as the new storm water system is being installed. Have a back up plan (if one does not already exist) to control storm water onsite until new controls are finished. 5/31/06**	**NA at this time. Temporary controls are placed each night**
	Water entering the wetland across Carpenter Lane is somewhat turbid due to the disturbance created during the active work at the storm drain inlet. 5/31/06	**This is difficult to prevent during the interim of having the final system installed. Haybales placed at the outlet may help filtration slightly 5/31/06**	**Continue to monitor**
Inland Wetland and Watercourse encroachment and mitigation	**Wetlands on the east side of the site contain clear water. Wetlands across Carpenter Lane are receiving slightly turbid water. 5/31/06**	**Continue to monitor wetlands during rain events and the construction of the new storm water controls. Some filtration controls could be placed at the**	**Continue to monitor**

Areas of Inspection	Observation	Recommended Action	Corrected Action
		drain outlet during construction of the new system (if this is NU property). 5/31/06	
State species of concern, threatened and endangered species.	**According to the D&M plan, state-listed species are not located in this work area.**	**NA**	**NA**
Vegetative clearing limits (including trees to save or danger trees noted).	**All vegetative clearing is complete. 5/31/06**	**NA**	**NA**
Dewatering	**-Active dewatering was not yet noted but saturated soil is being excavated from adjacent to the storm system installation and allowed to drain. 5/31/06**	**None 5/31/06**	**NA**
Blasting	**Not yet started; scheduled to start as early as next week. 5/31/06**	**None 5/31/06**	**NA**
Spills and Material Storage	**Soil removal was not taking place during the inspection. Soils are being stockpiled and moved around the site as needed. Soil is stored all along the western driveway. 5/31/06** **Spill cleanup materials were available on site and are being restocked. 5/31/06**	**Soil stockpiles should continue to be located away from the roadway and storm drain inlet. Stockpiles should be temporarily stabilized if they will be left unworked for more than 14 days. 5/31/06** **Always use spill control materials when working on equipment and during refueling. 5/31/06**	**NA** **NA**
Additional Observations	**NA**	**NA**	**NA**

Next likely scheduled inspection: **Thursday June 8, 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, Diana Walden*

Reviewer: *Diana Walden*

Entire site looking southeast at the major soil grading operation

Silt fence installation is complete around the old Zolnik property. No soil is being stockpiled here yet.

Carpenter Lane at the construction entrance, where tracking into the warm roadway pavement was noted. Small stones were swept up immediately.

Haybales will be replaced across the western driveway where they were moved to dump stone for the installation of the new storm water system. Watch potential run-off here.

The old settling basin has been partially filled and closed off to the new storm drain. Saturated soil is being piled here from the adjacent excavation.

Installation of the new storm drain system. The drain pipe is being extended to a new catch basin.

New storm drain outlet connection to the existing catch basin at Carpenter Lane.

Storm water entering the wetland across Carpenter Lane is slightly turbid, resulting from the installation of the new drain system on site. This will be difficult to control until the new system is in place.