

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: June 15, 2006

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rain Event: 1.41" rain reported over 6/8-6/10 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. This area is fairly clean of soil tracking. 6/15/06	Check stone construction entrance periodically to ensure it does not become filled/buried with soil; clean/refresh stone as needed. Street sweeping should be performed as needed. 6/15/06	NA
	Haybales were replaced across the driveway on the west side of the site. 6/15/06	Continue to replace haybales as needed and watch for erosion during rain events. 6/15/06	NA
	Silt barrier liners in the catch basins (CB) have been replaced. The new liners are working well and allow water to flow freely to reduce ponding on Carpenter Lane. 6/15/06	Continue to monitor and maintain liners as needed. New thinner liners appear to rip more easily under accumulated sediment and should be replaced more frequently than the thicker liners. 6/15/06	CB controls are being monitored regularly.
Foundation and site construction	Significant grading efforts continue. Soil is being used to raise the elevation on the southern side of the site. 6/8-6/15/06	Grading is changing overall site run-off patterns. See erosion control section. 6/15/06	NA
	Installation of new storm drain system continues. The pipe is mostly complete and the CB has been installed along with	See erosion control section for recommended actions. 6/15/06	See erosion control section.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>an initial drainage swale. 6/15/06</p>		
<p>Erosion and Sediment Controls</p>	<p>Silt fence around the south and east side of the site has been maintained as needed. 6/15/06</p> <p>Silt fence remains in good shape around the new stockpile area at the old Zolnik property. 6/15/06</p> <p>The open inlet of the storm drain pipe is surrounded by stone, perimeter silt fence, and a ring of the filter liner. However, more controls appear to be needed due to the extent of disturbed soil surrounding it. 6/15/06</p> <p>A new CB has been installed along the southwestern corner of the site and connected to the storm drain system. 6/15/06</p> <p>A drainage ditch was dug to route storm water run-off away from the southwestern corner of the site and direct it to the storm drain inlet. 6/15/06</p>	<p>Maintain/inspect silt fence throughout the site as needed. 6/15/06</p> <p>Silt fence is well-installed and supported with mesh/wire backing. 6/15/06</p> <p>Increase controls to slow and filter storm water prior to entering the new unfinished drain system. Several possibilities were discussed: a settling area; more stone; haybales; filter fabric. 6/15/06</p> <p>New CB is elevated, surrounded with stone, covered with filter fabric to allow settling and filtering of stormwater before it enters the drain. As grading continues more controls should be added. 6/15/06</p> <p>Consider placing check dams/ storm water controls in ditch area to decrease water velocities; not a long-term solution. 6/15/06</p>	<p>Silt fence has been re-stapled where needed.</p> <p>NA</p> <p>Controls have been placed around the inlet proactively, but more appear to be needed.</p> <p>Fabric has been placed over the opening of the CB proactively</p> <p>A drainage ditch was dug to reduce run-off to the southwestern corner of the site.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Wetlands on the east side of the site contain clear water. 6/15/06</p> <p>Wetlands across Carpenter Lane are now receiving clear water from the storm drain system, and sediment has settled out of the standing water within the wetland. 6/15/06</p>	<p>Continue to monitor wetlands during rain events. 6/15/06</p> <p>Consider carefully removing some of the accumulated sediment at the drain outlet by hand to prevent it entering the wetland in the future. 6/15/06</p>	<p>NA</p> <p>Needs attention if feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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 or stabilization	All vegetative clearing is complete as of 6/8/06	NA	NA
Dewatering	Dewatering is not being performed at this time. 6/15/06	None 6/15/06	NA
Blasting	Blasting has begun with approximately 3 small blasts per day. Each blast area is first covered by rubber containment mats. Blasting will continue over the next 3-4 weeks. 6/15/06	Caution should be taken that no blast material, including dust, is allowed to enter the adjacent wetlands or leave the site. 6/15/06	Rubber mats prevent material movement.
Spills and Material Storage	Soil removal was not taking place during the inspection. Soils are being stockpiled and moved around the site as needed. 6/15/06	Soil stockpiles should continue to be located away from the roadway and storm drain inlet. 6/15/06	NA
	Soil stockpiles stored along the western driveway have been in place and unworked longer than 14 days.	Consider placing seed for temporary stabilization and to reduce run-off if stockpiles will remain. 6/15/06	Stockpiles may be removed within the week
	Soil stockpiling is finished at the old Zolnik property. 6/15/06	Stabilize with seed when feasible. 6/15/06	NA
	Spill cleanup materials were available on site and are being restocked as needed. 6/15/06	Always use spill control materials when working on equipment and during refueling. 6/15/06	NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Thursday June 22, 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



Entire site looking southeast at the major soil grading operation.



Carpenter Lane at the construction entrance.



Blasting area along the north side of the site looking west.



Installation of the new storm drain system with perimeter protection. Watch exposed soil around the pipe for run-off and increase controls around the pipe.



Construction is underway on the new retention ponds and storm water system along Carpenter Lane. Note the new drainage ditch installed to prevent run-off from bypassing the storm water system.



Storm water entering the wetland across Carpenter Lane is clear. Sediment within the wetland has settled out and standing water is clear.



New CB installed along the southwestern side of the site is elevated, surrounded with stone, and covered with filter fabric to allow settling and filtering of storm water before it enters the CB.