

**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 22, 2006

**Inspector:** Stephen Herzog

**Location:** Beseck Switching Station

**Rainfall:** Trace of rain reported on 6/19 and 0.24" on 6/20 at Meriden CT (NOAA)

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	<b>All truck traffic is using the stone pad entrance on east side of site. The pad is clean, only a negligible amount of soil was visible on the road. 6/22/06</b>	<b>Continue to check stone construction entrance and clean/refresh stone as needed. Street sweeping should be performed as needed. 6/22/06</b>	<b>NA</b>
	<b>Haybales across the driveway on the west side are in good condition. 6/22/06</b>	<b>Continue to replace haybales as needed and watch for erosion during rain events. 6/22/06</b>	<b>NA</b>
	<b>Silt barrier liners in the catch basins (CB) are being replaced after every rain event. The new liners are working well and allow water to flow freely to minimize ponding on Carpenter Lane. 6/22/06</b>	<b>Continue to monitor and maintain liners as needed. New thinner liners may rip more easily under accumulated sediment and should be replaced more frequently than the thicker liners. 6/22/06</b>	<b>CB controls are being monitored regularly.</b>
<b>Foundation and site construction</b>	<b>Grading work continues; soil is being used to raise the elevation on the south side of the site, blasting and excavation in northern part of site will reduce elevation there. 6/8-6/22/06</b>	<b>Grading will continue to change run-off patterns, erosion controls may need to be adjusted later. 6/22/06</b>	<b>NA</b>
	<b>A block retaining wall is under construction along south side of site. 6/22/06</b>	<b>Maintain erosion controls adjacent to retaining wall construction. 6/22/06</b>	<b>NA</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Installation of new storm drain system is largely complete; contractor intends to create small pond near CB to allow water to stand, and give sediment time to settle before exiting to wetland across street. 6/22/06</p>	<p>Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 6/22/06</p>	<p>See erosion control section.</p>
<p><b>Erosion and Sediment Controls</b></p>	<p>Silt fence around the southwest, south, and east sides of the site is well-installed, supported with mesh backing, and is being maintained as needed. Silt fence on east side is also reinforced with mulch. 6/22/06</p> <p>The storm drain inlet pipe is surrounded by stone, perimeter silt fence, and filter fabric. However, more controls are warranted because of the large area of disturbed soil upgradient. 6/22/06</p> <p>A second CB was installed in the southwest corner of the site and connected to the storm drain system; a drainage ditch was cut to direct stormwater in that area. 6/22/06</p>	<p>Continue to inspect and maintain silt fence throughout the site as needed. 6/22/06</p> <p>Increase controls to slow and filter storm water prior to entering the new, unfinished drain system. Contractor intends to install a settling basin (pond) with stone as needed. 6/22/06</p> <p>As grading continues more controls may be needed. 6/22/06</p>	<p>Silt fence has been repaired where needed.</p> <p>Controls have been placed around the inlet proactively. More are proposed.</p> <p>NA.</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Wetlands on the east side of the site were clean, no standing water. 6/22/06</p> <p>Wetlands south of site across Carpenter Lane contain some sediment; water was clear, but not flowing. Contractor had removed some sediment from drain outlet using hand tools. 6/22/06</p>	<p>Continue to monitor wetlands during and after rain events. 6/22/06</p> <p>Continue to monitor outlet area during and after rain events. 6/22/06</p>	<p>NA</p> <p>Some accumulated sediment was removed.</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area.</p>	<p>NA</p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Vegetative clearing or stabilization</b>	<b>All vegetative clearing was complete as of 6/8/06</b>  <b>- Stockpiles will be temporarily stabilized with grass. 6/22/06</b>	<b>NA</b>  <b>- See material storage section. 6/22/06</b>	<b>NA</b>
<b>Dewatering</b>	<b>Dewatering is not being performed at this time. 6/22/06</b>	<b>None 6/22/06</b>	<b>NA</b>
<b>Blasting</b>	<b>Blasting continues; each blast area is first covered by rubber containment mats. Blasting will continue for several more weeks. 6/22/06</b>	<b>Caution should be taken that no blast material, including dust, is allowed to enter the adjacent wetlands or leave the site. 6/22/06</b>	<b>Rubber mats prevent material movement.</b>
<b>Spills and Material Storage</b>	<b>Soil was being removed via the construction entrance, and will continue next week. 6/22/06</b>  <b>Soil stockpiles stored along the western driveway in southeast area near entrance will be hydroseeded with rye next week. 6/22/06</b>  <b>Spill cleanup materials were available on site and are being restocked as needed. 6/22/06</b>	<b>Soil stockpiles should continue to be located away from the roadway and storm drain inlet. 6/22/06</b>  <b>Place seed for temporary stabilization of any stockpiles that will remain unmoved for more than 14 days. 6/22/06</b>  <b>Always use spill control materials when working on equipment and during refueling. 6/22/06</b>	<b>NA</b>  <b>NA</b>  <b>NA</b>
<b>Additional Observations</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**Next likely scheduled inspection:** Thursday June 29, 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:** Stephen Herzog

**Reviewer:** Diana Walden



**Negligible amount of soil visible on Carpenter Lane.**



**Stone construction entrance is clean.**



**Blasting in northern part of site, viewed west to east.**



**Newly constructed storm drain at south side of site.**



**Silt fence on east side reinforced with mesh and mulch.**



**Drain outlet in wetland with clear standing water, accumulated sediment.**



**Storm drain inlet and outlet are protected with some filter fabric.**