

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: September 28, 2006

Inspector: Stephen Herzog

Location: Beseck Switching Station

Rainfall: NOAA weather records for Meriden, CT for September are unavailable. The closest data, from Mansfield, CT, reported 0.1” rain on 9/25. No precipitation was observed on the project site by personnel since the previous inspection.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	All truck traffic leaving the site is using stone entrance on east side. Some sediment tracking was visible, mostly settled dust. 9/28/06	Continue to clean/refresh stone construction entrance. Continue to keep Carpenter Lane clear of stone. Clean gutter by hand. 9/28/06	Stone continues to be pulled back from roadway and refreshed with new stone.
	Equipment has done some damage to the road surface. 8/24-9/28/06	Clean and repair road surface as needed. 8/24-9/28/06	Needs attention when feasible
	Trucks have been entering the site from the western driveway; no sediment or road damage was noted here. 9/28/06	Monitor road and erosion controls in driveway for sediment accumulation and damage; clean and repair as needed. 9/28/06	NA
	Haybales remain at the edge of the entrance pad. 9/28/06	Continue to monitor the stormwater leaving the site; replace controls as needed. 9/28/06	Haybales are placed across the stone entrance prior to rain.
	Silt barrier liners in CBs have been replaced. 9/28/06	Continue to monitor and maintain liners as needed. 9/28/06	Silt liners replaced.
Foundation and site construction	Grading onsite continues; excavation north, filling south. 9/28/06	Erosion controls may need to be adjusted as grading changes. 9/28/06	NA
	Construction of permanent detention basins has begun. 9/28/06	Contractor continues to make efforts to minimize stormwater impacts. 9/28/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and sediment controls</p>	<p>Silt fence is secure and well-maintained. South and east sides are reinforced with bark mulch. 9/28/06</p>	<p>Continue to inspect and maintain silt fence throughout site and repair as needed. 9/28/06</p>	<p>NA.</p>
	<p>Clarification: We were informed by the contractor that the overnight pumping mentioned in the 9/21/06 report was a proposed activity that did not occur, following advice of the various project inspectors. 9/28/06</p>	<p>None. See following entry/recommended action. 9/28/06</p>	<p>NA</p>
	<p>The temporary settling basin has been largely filled in the process of constructing permanent detention basins. Filter fabric controls over and around the drain inlets remain in place. 9/28/06</p>	<p>If pumping of standing water/ drainage basin is needed in the future, monitor closely, and do not leave pump unattended. Consider frac tanks if necessary or feasible. 9/28/06</p>	<p>The permanent drainage system is underway.</p>
	<p>Haybales at the outlet drain across Carpenter Lane looked secure. Some standing water remained in the pipe, but no water was flowing. Additional sediment does not appear to have entered the wetland following the turbidity noted in the previous inspection. 9/28/06</p>	<p>Sediment should continue to be removed from the outlet pipe and the haybales inspected and replaced as needed. 9/28/06</p>	<p>NA</p>
	<p>New CBs remain protected and covered with filter fabric. Fabric should be replaced as needed if obstructed by sediment. 9/28/06</p>	<p>Inspect and maintain CB protections as needed. 9/28/06</p>	<p>NA</p>
	<p>Haybales installed across west driveway were moved for truck access, but are replaced daily. Stone berms along the driveway were disturbed by trucks, but appear</p>	<p>Continue to maintain as necessary. 9/28/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>functional. Water bar on driveway was also slightly disturbed, but appears functional. 9/28/06</p> <p>Northern slope has been hydroseeded and hay mat rolls remain in place. 9/28/06</p> <p>Southern site slope along Carpenter Lane was seeded this week. 9/28/06</p>	<p>Continue to seed and stabilize completed areas. 9/28/06</p> <p>Seed any remaining areas soon – fall seeding should generally be completed by October 15th. 9/28/06</p>	<p>NA.</p> <p>Slope has been fertilized, limed, and seeded.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Wetlands on east side of site were clean and well protected. 9/28/06</p> <p>The wetlands across Carpenter Lane have not received any apparent additional sediment accumulation since the last inspection. The outlet pipe contained some standing turbid water. 9/28/06</p>	<p>Continue to monitor. 9/28/06</p> <p>Continue to monitor. Sediment accumulated in the wetland does not warrant removal yet. If pumping of standing water on site is required, monitor pipe outlet to ensure sediment does not bypass hay bales. 9/28/06</p>	<p>NA</p> <p>NA.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None 9/28/06</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>All vegetative clearing was complete as of 6/8/06</p> <p>Grass growth was noted on the compacted soil in the old Zolnik property. The northern slope has been hydroseeded and hay mats remain in place. 9/28/06</p> <p>In general, the recommended fall seeding season ends Oct. 15th. 9/28/06</p>	<p>None 9/28/06</p> <p>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. Consider watering new growth if necessary. 9/28/06</p> <p>Attempt to seed temporarily or permanently inactive areas prior to October 15th. 9/28/06</p>	<p>NA</p> <p>Grass is growing where planted.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	<p>Clarification: We were informed by the contractor that dewatering did not occur at night as stated in the 9/21/06 report. It was a proposed activity that did not occur. 9/28/06</p> <p>The temporary basin is being filled in and dewatering was not occurring. If it becomes necessary, any pumping must be carefully monitored to prevent sedimentation of the wetland. 9/28/06</p>	<p>None. See following entry/recommended action. 9/28/06</p> <p>If dewatering is required, pumping must be monitored, or consider alternatives such as a vacuum truck to remove water from site if needed. 9/28/06</p>	<p>NA</p> <p>NA.</p>
Blasting	<p>All blasting was complete as of 9/7/06</p> <p>Rock crushing and loam screening are occurring and materials are being removed or used on site. Watering trucks were noted wetting down high traffic areas during the inspection. 9/28/06</p>	<p>None 9/28/06</p> <p>Continue to monitor dust generation and moisten soil as needed. 8/17/06-9/28/06</p>	<p>NA</p> <p>Watering trucks were on site.</p>
Spills, soils and material storage	<p>Several large piles of soil will be removed from the site; remaining soil will stay onsite as fill. 9/28/06</p> <p>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. 9/28/06</p> <p>Spill cleanup materials were available on site and are being used and restocked as needed. 9/28/06</p>	<p>Soils appear to be handled appropriately. 9/28/06</p> <p>Consider placing seed, straw, mulch, or stone as a temporary stabilization measure to reduce sediment loads where work is not actively occurring or not expected to occur for 14 days. 9/28/06</p> <p>Always use spill control materials when working on equipment and during refueling. 9/28/06</p>	<p>NA</p> <p>Hydroseeding and hay mats are being used on completed areas.</p> <p>Spill controls are being used.</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Thursday October 5, 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



Driveway on western side of site is being used as truck entrance, not for exit; erosion controls remain functional.



Carpenter Lane has some sediment accumulation but is being swept regularly. Southern slopes have now been seeded.



Major grading operations looking from northwest to southeast.



Detention pond under construction.



Stormwater inlet structure at southwest corner remains protected.



Stormwater inlet in southeast corner under construction but some controls are in place.



Turbid water in outlet remaining from the temporary storm drain system.



Wetland contains minor accumulation of sediment but leaf litter and substrate is still visible.