

**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 9, 2006

**Inspector:** Matthew Creighton

**Location:** Beseck Switching Station

**Rainfall:** 1.10" of rain reported between 8/3-8/8, with 0.96" on 8/3 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 stone entrance on east side. Stone is clean. New stone is regularly pulled back from the roadway. 8/9/06</b>	<b>Continue to check stone construction entrance and clean/refresh stone as needed. Continue to keep Carpenter Lane clear of stone. 8/9/06</b>	<b>Stone continues to be pulled back from roadway as needed.</b>
	<b>Street sweeping continues at the site, sediment is being removed from the edge (gutter) of Carpenter Lane. Some slight soil tracking was noted 8/9/06</b>	<b>Street sweeping should continue to be performed and soil should be removed from the gutter, by hand if necessary. 8/9/06</b>	<b>Street sweeping continues.</b>
	<b>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. 8/9/06</b>	<b>Continue to monitor the stormwater leaving the site and replace erosion controls as needed. 8/9/06</b>	<b>Haybales are placed across the stone entrance prior to any rain event.</b>
	<b>A small settling area was excavated near the edge of the driveway to settle water and prevent it from leaving the site. 8/9/06</b>	<b>Monitor the silt fence in this area and replace as necessary. 8/9/06</b>	<b>New area excavated.</b>
	<b>Silt barrier liners in CBs should be replaced. 8/9/06</b>	<b>Continue to monitor and maintain liners as needed. 8/9/06</b>	<b>Silt liners are being replaced regularly.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Foundation and site construction</b>	<b>Grading onsite continues; blasting and excavation in northern portion, filling in southern portion. Work is ongoing to grade a new access drive to the site. 8/9/06</b>	<b>Erosion controls may need to be adjusted as grading changes. 8/9/06</b>	NA
	<b>Block retaining walls are finished along south side of site. 8/9/06</b>	<b>Stabilize south side of site along Carpenter Lane when feasible now that retaining walls are complete. 8/9/06</b>	NA
	<b>New storm drain system is being installed as the site is raised through grading. A basin is in place near inlet pipe to allow water to stand and evaporate. 8/9/06</b>	<b>Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 8/9/06</b>	NA
<b>Erosion and sediment controls</b>	<b>Silt fence is secure and well-maintained. South and east side reinforced with bark mulch. 8/9/06</b>	<b>Continue to inspect and maintain silt fence throughout site and repair as needed. 8/9/06</b>	NA.
	<b>A settling area remains in place north of inlet. New CB remains surrounded by stone, and covered with filter fabric. The water from the basin is being used for dust control on site. 8/9/06</b>	<b>Stormwater is being retained to evaporate, infiltrate and used on site for soil wetting. When areas are at finished grade, seed for vegetative cover. 8/9/06.</b>	<b>Water from settling area is used for dust control.</b>
	<b>Temporary settling area remains in the southwest portion of site. 8/9/06</b>	<b>Area currently holds no water, only saturated soils. 8/9/06</b>	NA
	<b>New temporary settling area was constructed along the stone entrance to help prevent sedimentation of the roadway. 8/9/06</b>	<b>Monitor and maintain silt fence around the new area. 8/9/06</b>	<b>New settling area established.</b>
	<b>Haybales remain along the driveway to reduce sedimentation to the pad. 8/9/06</b>	<b>Continue to maintain as necessary. 8/9/06</b>	NA
<b>Two layers of haybales were intact across the old</b>	<b>Grass growth was noted on the seeded stockpiles.</b>	NA	

Areas of Inspection	Observation	Recommended Action	Corrected Action
Erosion and sediment controls continued	<p>Zolnik driveway. Stone berms were in place along the driveway for added filtration. 7/6-8/9/06</p> <p>Stormwater controls should change in response to grading changes; stabilize areas expected to remain unworked for more than 14 days; ie. along Carpenter Lane now that the walls are finished. 8/9/06</p>	<p>8/9/06</p> <p>Additional stabilization of open areas with seed, mulch, or straw should be considered to help reduce sediment loads in run-off (as applicable). 7/13-8/9/06.</p>	Needs evaluation.
Inland Wetland and Watercourse encroachment and mitigation	<p>Wetlands on east side of site were clean and well protected. 8/9/06</p> <p>In the wetlands across Carpenter Lane, efforts were made to remove the accumulated sediment. A small area is left, which should be removed as soon as possible. 8/3/06</p> <p>Some turbid, stagnant water was noted at the outlet. A new line of haybales was installed at the outfall pipe to filter water as it enters the wetland. 8/9/06</p>	<p>Continue to monitor. 8/9/06</p> <p>Continue to monitor outlet area. Remove the remaining sediment from the wetlands. 8/9/06</p> <p>Monitor haybales and remove sediment as needed so haybale line continues to work properly. 8/9/06</p>	<p>NA</p> <p>Efforts were made to remove the sediment.</p> <p>New haybales installed</p>
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 8/9/06	NA
Vegetative clearing or stabilization	All vegetative clearing was complete as of 6/8/06	None 8/9/06	NA
Dewatering	Dewatering is not being performed at this time. 8/9/06	None	NA
Blasting	<p>Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue for several weeks. 8/9/06</p> <p>Rock crushing is also occurring and materials</p>	<p>Caution should continue to be taken that no blast material is allowed to leave the site. 8/9/06</p> <p>None</p>	<p>Rubber mats prevent material movement.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	are being used on site. 8/9/06		
Spills, soils and material storage	<p>The majority of the remaining soil will remain onsite and used as fill along the southern edge of the site. 8/9/06</p> <p>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 but has since slowed with the hot weather. 8/9/06</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. 8/9/06</p> <p>Spill cleanup materials were available on site and are being restocked as needed. 8/9/06</p>	<p>Soils appear to be handled appropriately. 8/9/06</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 8/9/06 Consider watering new growth if necessary.</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. 8/9/06</p> <p>Always use spill control materials when working on equipment and during refueling 8/9/06</p>	<p>NA</p> <p>Grass growth observed on stockpiles.</p> <p>Needs evaluation for feasibility.</p> <p>NA</p>
Additional Observations	NA	NA	NA

**Next likely scheduled inspection:** Thursday August 17, 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.**



**Grading and stabilization remain to be done between Carpenter Lane and the newly completed retaining walls.**



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



**Detention pond/settling area retaining stormwater run-off.**



**New haybale lines remain installed across the old Zolnik driveway**



**Sediment removal from wetland has started and should be finished as soon as possible.**



**New haybales installed for additional filtration at the storm drain outlet. Water flowing from the outlet was still turbid.**



**Sediment was removed from this area within the wetland across Carpenter Lane.**