

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 17, 2006

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: 0.66" of rain between 8/9-8/16, with 0.66" on 8/15, as reported at Meriden CT (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	All truck traffic is using stone entrance on east side (clean). New stone is regularly pulled back from the road. 8/17/06	Continue to clean/refresh stone construction entrance. Continue to keep Carpenter Lane clear of stone. 8/17/06	Stone continues to be pulled back from roadway as needed, new stone added.
	Street sweeping continues at the site, sediment is being removed from the edge (gutter) of Carpenter Lane. 8/17/06	Street sweeping should continue to be performed and soil removed from the gutter, by hand if necessary. 8/17/06	Street sweeping continues.
	Haybales remain at the edge of the entrance pad, with small stones placed at the corners of the catch basins (CBs) to hold the filter fabric in place. 8/17/06	Continue to monitor the stormwater leaving the site and replace erosion controls as needed. 8/17/06	Haybales are placed across the stone entrance prior to any rain event.
	Silt barrier liners in CBs should be replaced at this time. 8/17/06	Continue to monitor and maintain liners as needed. 8/17/06	Needs attention when feasible
Foundation and site construction	Grading onsite continues; blasting and excavation to the north, filling to the south. Work is ongoing to grade a new site access drive. 8/17/06	Erosion controls may need to be adjusted as grading changes. 8/17/06	NA
	New loam is being placed along Carpenter Lane and between the new block retaining walls. 8/17/06	Seed newly loamed areas as temperature cools. Monitor carefully until the area can be seeded	Loam was placed and graded.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>The new storm drain system is largely complete. A basin is in place near inlet pipe to allow water to stand and evaporate. 8/17/06</p>	<p>8/17/06 Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 8/17/06</p>	<p>NA</p>
<p>Erosion and sediment controls</p>	<p>Silt fence is secure and well-maintained. South and east sides are reinforced with bark mulch. 8/17/06</p> <p>A settling area remains in place north of inlet. New CB remains raised and covered with filter fabric. The water from the basin is being used for dust control on site. 8/17/06</p> <p>Some airborne dust was noted. 8/17/06</p> <p>Temporary settling area remains in the southwest portion of site. 8/17/06</p> <p>Haybales remain at the end of the driveway to reduce sediment from entrance pad. 8/17/06</p> <p>Two layers of haybales were intact across the old Zolnik driveway. Stone berms were in place along the driveway for added filtration. 7/6-8/17/06</p> <p>Stormwater controls should change in response to grading; stabilize areas expected to remain unworked for more than 14 days. 8/17/06</p>	<p>Continue to inspect and maintain silt fence throughout site and repair as needed. 8/17/06</p> <p>Stormwater is being retained to evaporate and infiltrate, and for dust control. When areas are at finished grade, seed for vegetative cover. 8/17/06.</p> <p>Continue to wet soil as needed. 8/17/06</p> <p>Area currently holds little water, saturated soils. 8/17/06</p> <p>Continue to maintain as necessary. 8/17/06</p> <p>Continue to monitor. 8/17/06</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). 7/13-8/17/06.</p>	<p>NA.</p> <p>Water from settling area is used for dust control.</p> <p>Needs attention</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>Needs evaluation.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Wetlands on east side of site were clean and well protected. 8/17/06</p>	<p>Continue to monitor. 8/17/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>In the wetlands across Carpenter Lane, efforts to remove the accumulated sediment were complete and the area looks good. 8/17/06</p> <p>Slightly turbid, stagnant water was noted at the outfall pipe. A new line of haybales was installed at the outfall pipe to filter water as it enters the wetland. Remove accumulated sediment during this no flow time. 8/17/06</p>	<p>Continue to monitor outlet area. 8/17/06</p> <p>Monitor haybales and continue to remove accumulated sediment from the end of the pipe. 8/17/06</p>	<p>Sediment was removed from the wetland</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 8/17/06</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 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 stopped with the hot weather. 8/17/06</p>	<p>None 8/17/06</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 8/17/06 Consider watering new growth if necessary.</p>	<p>NA</p> <p>NA</p>
<p>Dewatering</p>	<p>Dewatering is not being performed at this time. 8/17/06</p>	<p>None 8/17/06</p>	<p>NA</p>
<p>Blasting</p>	<p>Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue for several weeks. 8/17/06</p> <p>Rock crushing and loam screening is also occurring and materials are being used on site. 8/17/06</p>	<p>Caution should continue to be taken that no blast material is allowed to leave the site. 8/17/06</p> <p>None</p>	<p>Rubber mats prevent material movement.</p> <p>NA</p>
<p>Spills, soils and material storage</p>	<p>Most of the remaining soil will stay onsite for use as fill. 8/17/06</p>	<p>Soils appear to be handled appropriately. 8/17/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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. 8/17/06</p> <p>Spill cleanup materials were available on site and are being restocked as needed. 8/17/06</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. 8/17/06</p> <p>Always use spill control materials when working on equipment and during refueling. 8/17/06</p>	<p>Needs evaluation for feasibility.</p> <p>NA</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Thursday August 24, 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. The road should continue to be cleaned and swept, including the gutters, by hand if necessary.



Final grading of loam is underway along the retaining walls and adjacent to Carpenter Lane.



Major grading operations looking from northwest to southeast. Some airborne dust is noted. Continue to wet the soils when necessary.



Detention pond/settling area retaining stormwater run-off.



New southern catch basin, slightly raised with inlet protection.



Sediment removal from wetland across Carpenter Lane is complete and the area looks good.



Remove accumulated sediment from the end of the outfall pipe on a regular basis.



New haybales installed for additional filtration at the storm drain outlet.