

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 24, 2006

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rainfall: Traces of rain between 8/17-8/23, with 0.10" on 8/20, 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. 8/24/06	Continue to clean/refresh stone construction entrance. Continue to keep Carpenter Lane clear of stone. 8/24/06	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. 8/24/06	Street sweeping should continue to be performed and soil removed from the gutter, by hand if necessary. 8/24/06	Street sweeping continues.
	Equipment has done some damage to the road surface. 8/24/06	Clean and repair road surface as needed. 8/24/06	Needs attention when feasible
	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. 8/24/06	Continue to monitor the stormwater leaving the site and replace erosion controls as needed. 8/24/06	Haybales are placed across the stone entrance prior to any rain event.
	Silt barrier liners in CBs were recently replaced. 8/24/06	Continue to monitor and maintain liners as needed. 8/24/06	Silt liners replaced.
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. 8/24/06	Erosion controls may need to be adjusted as grading changes. 8/24/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>New loam has been placed along Carpenter Lane and between the new block retaining walls. 8/24/06</p> <p>The new storm drain system is complete. A basin is in place near inlet pipe to allow water to stand and evaporate. 8/24/06</p>	<p>Seed newly loamed areas when temperature cools. Monitor carefully for erosion until grass is established. 8/24/06</p> <p>Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 8/24/06</p>	<p>Needs attention when feasible.</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. 8/24/06</p> <p>A settling area remains in place north of inlet. New CBs remain protected and covered with filter fabric. Water from the basin is being used for dust control on site. 8/24/06</p> <p>Some airborne dust was noted. 8/17-8/24/06</p> <p>Temporary settling area remains in the southwest portion of site. 8/24/06</p> <p>Haybales remain at the end of the driveway to reduce sediment from entrance pad. 8/24/06</p> <p>Haybales were removed from the old Zolnik driveway for access by the blasting truck. Stone berms were in place along the driveway for added filtration. 7/6-8/24/06</p> <p>Stormwater controls should change in response to grading stabilize areas expected to remain unworked for more than 14 days. 8/24/06</p>	<p>Continue to inspect and maintain silt fence throughout site and repair as needed. 8/24/06</p> <p>Stormwater is being retained to evaporate and infiltrate, and for dust control. When areas are at finished grade, seed for vegetative cover. 8/24/06.</p> <p>Continue to wet soil as needed. 8/17-8/24/06</p> <p>Area currently holds little water, saturated soils. 8/24/06</p> <p>Continue to maintain as necessary. 8/24/06</p> <p>Replace haybales at the end of the day and continue to monitor. 8/24/06</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).</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>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		7/13-8/24/06.	
Inland Wetland and Watercourse encroachment and mitigation	<p>Wetlands on east side of site were clean and well protected. 8/24/06</p> <p>The wetlands across Carpenter Lane still look good with no further sediment accumulation. 8/24/06</p> <p>No water was noted at the outlet pipe. New haybales remain in place to filter water as it enters the wetland. Accumulated sediment and old haybales have been removed. 8/24/06</p>	<p>Continue to monitor. 8/24/06</p> <p>Continue to monitor outlet area. 8/24/06</p> <p>Monitor haybales and continue to remove accumulated sediment from the end of the pipe. 8/24/06</p>	<p>NA</p> <p>NA</p> <p>Old haybales and sediment were removed from end of pipe.</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 8/24/06	NA
Vegetative clearing or stabilization	<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. Some vegetation has started to grow along the northern slope. 8/24/06</p>	<p>None 8/24/06</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 8/24/06 Consider watering new growth if necessary.</p>	<p>NA</p> <p>Temperatures have cooled and vegetation is growing naturally in some areas.</p>
Dewatering	Dewatering is not being performed at this time. 8/24/06	None 8/24/06	NA
Blasting	<p>Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue through the beginning of next week. 8/24/06</p> <p>Rock crushing and loam screening are occurring and materials are being removed or used on site.</p>	<p>Caution should continue to be taken that no blast material is allowed to leave the site. 8/24/06</p> <p>Continue to wet soil as needed to prevent dust migration off site. 8/17/06-8/24/06</p>	<p>Rubber mats prevent material movement.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Some airborne dust was observed. 8/24/06		
Spills, soils and material storage	<p>Several large piles of new soil will be removed from the site. The remaining soil will stay onsite for use as fill. 8/24/06</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. 8/24/06</p> <p>Spill cleanup materials were available on site and are being restocked as needed. 8/24/06</p>	<p>Soils appear to be handled appropriately. 8/24/06</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. 8/24/06</p> <p>Always use spill control materials when working on equipment and during refueling. 8/24/06</p>	<p>NA</p> <p>Needs evaluation for feasibility.</p> <p>NA</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Thursday August 31, 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 and road damage 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 complete 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. Large stockpiles are also present.



Small ponded area adjacent to Carpenter Lane.



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



Sediment and old haybales have been removed from the end of the outfall pipe. Sediment removal should continue on a regular basis.



The new access driveway has been graded.