

**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:** July 6, 2006

**Inspector:** Matthew Creighton

**Location:** Beseck Switching Station

**Rainfall:** Total of 0.55 inches rain over 7/4-7/6, 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, which is still fairly clean. 7/6/06</b>	<b>Continue to check stone construction entrance and clean/refresh stone as needed. 7/6/06</b>	<b>NA</b>
	<b>Only a negligible amount of soil was visible on Carpenter Lane. 7/6/06</b>	<b>Street sweeping should be performed as needed. 7/6/06</b>	<b>NA</b>
	<b>Turbid water was flowing from the site, along Carpenter Lane, and behind the filter fabric within the catch basins (CB). This appears to be a source of the turbid water from the drain outlet. 7/6/06</b>	<b>Small stones should be used to hold down the CB liner filter fabric. Additional piles of small stone is also recommended at the road prior to where water leaves the site. 7/6/06</b>	<b>Needs attention</b>
	<b>Silt barrier liners in catch basins are being replaced after every sig. rain event. 7/6/06</b>	<b>Continue to monitor and maintain liners as needed. 7/6/06</b>	<b>CB controls should be monitored regularly.</b>
<b>Foundation and site construction</b>	<b>Grading onsite continues; blasting and excavation in northern portion, filling in southern portion. 7/6/06</b>	<b>Erosion controls may need to be adjusted as grading changes. 7/6/06</b>	<b>NA</b>
	<b>Block retaining walls are under construction along south side of site. 7/6/06</b>	<b>Ensure erosion controls are not damaged. 7/6/06</b>	<b>NA</b>
	<b>New storm drain system</b>	<b>Contractor continues to</b>	<b>See erosion control</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>is being installed as the site is raised. Contractor has created a basin near inlet pipe to allow water to stand and sediment to settle before entering drain. 7/6/06</p>	<p>make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 7/6/06</p>	<p>section.</p>
<p><b>Erosion and Sediment Controls</b></p>	<p>All silt fence is secure and well-maintained. East side silt fence reinforced with bark mulch. 7/6/06</p> <p>Storm drain inlet is raised with a settling area north of the pipes. The new CB onsite is also raised, surrounded by stone, and covered with filter fabric. 7/6/06</p> <p>Three layers of haybales were in place across the old Zolnik driveway and looked intact. Stone berms were in place along the driveway as additional filtration. 7/6/06</p> <p>Storm water controls should change in response to grading changes; stabilize areas expected to remain unworked for more than 14 days. 7/6/06</p>	<p>Continue to inspect and maintain silt fence throughout site as needed. 7/6/06</p> <p>Consider seeding walls of basin to reduce sediment load reaching wetland. 7/6/06 Also, see access road section regarding potential source of turbidity. 7/6/06</p> <p>None. 7/6/06</p> <p>Additional stabilization of open areas with seed, mulch, or straw should be considered in order to help reduce sediment loads in run-off (as applicable). 7/6/06</p>	<p>NA</p> <p>Settling basin was built north of drain inlet.</p> <p>Stone berms were installed and the stockpile was seeded</p> <p>Needs evaluation</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p>Wetlands on east side of site were clean and well protected. 7/6/06</p> <p>Wetlands south of site across Carpenter Lane contain accumulated sediment near drain outlet, with turbid water flowing from the outfall pipe. This is likely due to site run-off to roadway CBs. 7/6/06</p>	<p>Continue to monitor. 7/6/06</p> <p>Continue to monitor outlet area. Accumulated sediment from the site is evident and should be removed carefully from the wetland by hand (shovels) at the next opportunity. 7/6/06 Still recommend haybales at the outlet. 5/31-7/6/06</p>	<p>NA</p> <p>Needs attention at the next low flow opportunity.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area.</b>	<b>None 7/6/06</b>	<b>NA</b>
<b>Vegetative clearing or stabilization</b>	<b>All vegetative clearing was complete as of 6/8/06</b>  <b>Stockpiles along the old Zolnik property were stabilized with grass seed. 7/6/06</b>	<b>None 7/6/06</b>  <b>None at this time. 7/6/06</b>	<b>NA</b>  <b>Stockpiles were seeded. 7/6/06</b>
<b>Dewatering</b>	<b>Dewatering is not being performed at this time. 7/6/06</b>	<b>None</b>	<b>NA</b>
<b>Blasting</b>	<b>Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue for several more weeks. 7/6/06</b>  <b>Rock crushing is also occurring. 7/6/06</b>	<b>Caution should be taken that no blast material, including dust, is allowed to enter the adjacent wetlands or leave the site. 7/6/06</b>  <b>None</b>	<b>Rubber mats prevent material movement.</b>  <b>NA</b>
<b>Spills, Soils and Material Storage</b>	<b>No additional soil has been removed from site in past week. Crushed rock has not yet been removed from site. 7/6/06</b>  <b>Soil stockpiles along western driveway (former Zolnik) and in the southeast area have been hydroseeded this week. 7/6/06</b> <b>Soil within the Zolnik property will be compacted and eventually stabilized. It remains contained. 7/6/06</b>  <b>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. 7/6/06</b>	<b>None</b>  <b>Stockpiles should continue to be located away from the roadway and storm drain. Place seed for temporary stabilization of any stockpiles that will remain unmoved for more than 14 days. 7/6/06</b>  <b>Consider placing seed as a temporary stabilization measure to reduce sediment loads where work is not actively occurring or not expected to occur for 14 days. Also, add stone to the site entrance to the road for filtration. 7/6/06</b>	<b>NA</b>  <b>Existing stockpiles have been seeded. 7/6/06</b>  <b>Needs evaluation for feasibility</b>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>Spill cleanup materials were available on site and are being restocked as needed. 7/6/06</b>	<b>Always use spill control materials when working on equipment and during refueling. 7/6/06</b>	<b>NA</b>
<b>Additional Observations</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**Next likely scheduled inspection:** Thursday July 13, 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 still clean, with some minor sediment visible on Carpenter Lane.**



**Preparations are being made for continued blasting on the northern portion of site.**



**Temporary settling basin has been excavated north of the drain inlet pipe. However, it appears that the majority of turbid water to the wetland across Carpenter Lane may be coming from site run-off to the roadway catch basins**



**Haybales across old Zolnik driveway; soil stockpile to right has been hydroseeded and stone berm installed to filter runoff.**



**Raised catch basin onsite, surrounded by stone and covered with filter fabric.**



**Turbid water from the site was entering the wetland across Carpenter Lane from the drain outlet after the rain event. Sediment accumulation from previous events is present here. When the area dries out, this will be removed carefully by hand.**