

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

Date: May 17, 2006

Inspector: Matthew Creighton

Location: Beseck Switching Station

Rain Event: 0.28" rain reported on May 15 & 1.44" rain reported on May 16 at Meriden CT; (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	<p>All vehicles are using the stone entrance pad on the east side of the site. Trucks are only allowed access via the stone entrance. No significant tracking of soil was present here. 5/17/06</p> <p>Rainwater run-off and sediment from the construction entrance on east side of site has deposited a very minor amount of sediment onto Carpenter Lane. 5/17/06</p> <p>Two additional rows of haybales and a soil berm were placed across the unused driveway on the west side of the site to control run-off. 5/17/06</p>	<p>Check stone construction entrance periodically to ensure it does not become filled/buried with soil; clean/refresh stone as needed. 5/17/06</p> <p>Street sweeping and silt sack replacement in the catch basins (CB) should continue to be performed as needed. 5/17/06</p> <p>Watch run-off and replace haybales as necessary. 5/17/06</p>	<p>Stone entrance has been extended further into the site. 5/17/06</p> <p>CB controls continue to be replaced proactively.</p> <p>Additional controls were installed across the driveway.</p>
Foundation construction	Not applicable (NA)	NA	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Erosion and Sediment Controls	<p>Silt fence installed along the south and east sides of the site is in good condition. Soil has eroded from the toe of the silt fence in a few small areas along the east side. 5/17/06</p> <p>Due to recent rain events two temporary settling basins were installed on both sides of the storm drain inlet (onsite). They are separated from the storm drain by stone covered with wood chips. Although these measures are helping control sediment, storm water leaving the outlet pipe is still turbid. 5/17/06</p>	<p>Maintain/inspect silt fence throughout construction. Check the base of the silt fence for gaps and toe-in the area as needed. 5/17/06</p> <p>Additional measures to reduce water velocity and remove suspended sediment are being evaluated. e.g. install fabric liner and/or crushed stone within the settling basin, silt socks filled with wood chips, or possibly, approved flocculating agents. 5/17/06</p>	<p>NA</p> <p>Temporary settling basins were constructed. More stone and wood chips were placed inside the silt fence to the storm drain inlet for further protection.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Wetland east of the site contains clear water. 5/17/06</p> <p>Wetland south of the site was receiving turbid water from the storm drain. See Erosion and Sediment Controls for more detail. 5/17/06</p>	<p>Continue to monitor wetlands during rain events. 5/17/06</p> <p>Additional control measures are being evaluated; continue to monitor wetlands during rain events. 5/17/06</p>	<p>NA</p> <p>Two settling basins were created around drain inlet.</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>NA</p>	<p>NA</p>
Vegetative clearing limits (including trees to save or danger trees noted).	<p>All trees have been removed from the site and stumping is complete. 5/17/06</p>	<p>Stumps have been ground and their chips are being use as erosion controls. 5/17/06</p>	<p>NA</p>
Dewatering	<p>NA</p>	<p>NA</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	Not started; scheduled for June start. 5/17/06	None. 5/17/06	NA
Spills and Material Storage	<p>Soil removal and stockpiling will continue for the next few weeks. 5/17/06</p> <p>Spill cleanup materials were available on site; refueling and equipment maintenance was being performed during the inspection. Spill control diapers and/or mats were being used under most, but not all of the work. 5/17/06</p>	<p>Soil stockpiles should continue to be located away from the roadway and storm drain inlet, and should be temporarily stabilized if they will be left unworked for more than 14 days. 5/17/06</p> <p>Always use spill control materials when working on equipment and during refueling. 5/17/06</p>	<p>NA</p> <p>Manafort Bros. informed their crews to make sure spill controls are always used during on-site equipment refueling or maintenance.</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Wednesday May 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



Entire site viewed from the northeast corner toward southeast.



Additional haybales installed along the unused, western driveway



Carpenter Lane at the construction entrance. Sediment tracking was not observed.



The crushed stone construction entrance was extended.



New settling basin installed adjacent to the storm drain inlet.



Storm drain inlet leading to wetland across Carpenter Lane. Even though a number of additional controls have been placed, water remains turbid leaving site.



Both photos show the area across (south of) Carpenter Lane where storm water entering the wetland remains turbid despite controls on site. Further controls are being evaluated.