

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: June 29, 2006

Inspector: Stephen Herzog

Location: Beseck Switching Station

Rainfall: Total of 4.2 inches rain over 6/23-6/28, including 2.48 inches 6/24, 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, which is still fairly clean. 6/29/06	Continue to check stone construction entrance and clean/refresh stone as needed. 6/29/06	NA
	Only a negligible amount of soil was visible on Carpenter Lane. 6/29/06	Street sweeping should be performed as needed. 6/29/06	NA
	Silt barrier liners in catch basins (CB) are being replaced after every sig. rain event. 6/29/06	Continue to monitor and maintain liners as needed. 6/29/06	CB controls are being monitored regularly.
Foundation and site construction	Grading onsite continues; blasting and excavation in northern portion, filling in southern portion. 6/29/06	Erosion controls may need to be adjusted as grading changes. 6/29/06	NA
	Block retaining walls are under construction along south side of site. 6/29/06	Ensure erosion controls are not damaged. 6/29/06	NA
	New storm drain system is installed - raised and surrounded with stone and silt fence; contractor has created a temp. basin near pipe to allow water to stand, sediment to settle before entering drain. 6/29/06	Contractor continues to make efforts to minimize stormwater impacts; see erosion control section for recommended actions. 6/29/06	See erosion control section.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and Sediment Controls</p>	<p>All silt fence is secure and well-maintained. East side is reinforced with bark mulch. 6/29/06</p> <p>Storm drain inlet is raised, surrounded by crushed stone, silt fence, filter fabric, and the new basin. More controls would help reduce sediment load in stormwater runoff entering drain. 6/29/06</p> <p>Crushed stone berm was built across former Zolnick driveway on west side (unused) to direct stormwater to drainage ditch cut across west side of site 6/29/06</p> <p>-Large expanses of disturbed soil on site make sediment removal at inlet areas difficult. 6/29/06</p>	<p>Continue to inspect and maintain silt fence throughout site as needed. 6/29/06</p> <p>Consider seeding walls of basin if area will remain undisturbed for several weeks as sediment continues to reach wetland. 6/29/06</p> <p>As grading continues more controls may be needed. 6/29/06</p> <p>Additional stabilization with inexpensive seed should be considered in order to help reduce sediment loads in run-off. 6/29/06</p>	<p>NA</p> <p>Settling basin was built around drain inlet. More controls warranted.</p> <p>Berm and ditch were built to direct stormwater.</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. 6/29/06</p> <p>Wetlands south of site across Carpenter Lane contain accumulated sediment near drain outlet; slowly flowing water from the outfall was slightly turbid. 6/29/06</p>	<p>Continue to monitor. 6/29/06</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. 6/29/06 Still recommend haybales at the outlet. 6/29/06</p>	<p>NA</p> <p>Needs attention at the next low flow opportunity.</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 6/29/06</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>All vegetative clearing was complete as of 6/8/06</p> <p>Stockpiles will be stabilized with grass seed</p>	<p>None 6/29/06</p> <p>See material storage section. 6/29/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	this week. 6/29/06		
Dewatering	Dewatering is not being performed at this time. 6/29/06	None	NA
Blasting	Blasting continues; blast areas are first covered by rubber containment mats. Blasting will continue for several more weeks. 6/29/06 -Rock crushing is also occurring on site.	Caution should be taken that no blast material, including dust, is allowed to enter the adjacent wetlands or leave the site. 6/29/06	Rubber mats prevent material movement.
Spills, Soils and Material Storage	No additional soil has been removed from site in past week. Crushed rock has not yet been removed from site. 6/29/06 Soil stockpiles along western driveway and in the southeast area will be hydroseeded next week; hydroseeding was delayed due to daily rain events. 6/29/06 -Large expanses of disturbed soil on site will make sediment attenuation difficult at inlet areas. Most portions of site are not being actively worked at this time. 6/29/06 Spill cleanup materials were available on site and are being restocked as needed. 6/29/06	None 6/29/06 Stockpiles should continue to be located away from roadway and storm drain. Place seed for temporary stabilization of any stockpiles that will remain unmoved for more than 14 days. 6/29/06 - Consider placing inexpensive seed as a temporary stabilization measure in an effort to reduce sediment loads where work is not actively occurring. 6/29/06 Always use spill control materials when working on equipment and during refueling. 6/29/06	NA NA Needs evaluation for feasibility NA
Additional Observations	NA	NA	NA

Next likely scheduled inspection:

Thursday July 6, 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: Stephen Herzog

Reviewer: Diana Walden



Crushed stone construction entrance pad is still clean, and only a minimal amount of soil is visible on the road.



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



Temporary settling basin has been excavated around protected drain inlet pipe. However, sediment from site continues to enter wetland across Carpenter Lane.



Stormwater has accumulated inside the silt fence near east side of site; no evidence of damage or stress to silt fence.



Silt fence on east side is reinforced with bark mulch. Buffers of vegetation also remain on both sides of silt fence, protecting wetland east of site.



Slightly turbid water from the site was entering the wetland across Carpenter Lane from the drain outfall after the rain.



Sediment has accumulated in the wetland across Carpenter Lane from many significant rain events over past two months.