

**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.

**Segment 1b (Royal Oaks Bypass) Inspection**

**Date:** May 14, 2007

**Inspector:** Matthew Creighton

**Location:** Segment 1b (Royal Oaks Bypass)

**Rainfall:** 0.08" of precipitation was recorded in the week prior to inspection, with 0.05" reported on 5/12 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Traffic is using the existing ROW entrance off Black Walnut Drive and off Rte 17 across from the PAR shipping/receiving yard in order to access the new section. Sediment tracking was not observed on the roadways. 5/14/07	Continue to monitor construction entrance and clean/sweep roadways as needed. 5/14/07	Not Applicable (NA)
	Timber mats are in place off of Rte 17 to bring equipment onto the site and reduce sediment tracking onto the roadway. 5/14/07	Monitor and add controls as needed and continue using timber mats to reduce impacts to wetlands. 5/14/07	NA
	Access road grading was underway on a steep slope during the inspection. Stone base was being extended. 5/14/07	Monitor steep slope and add controls as needed. See erosion control section. 5/14/07	NA.
Foundation and site construction	Only clearing along ROW, tree removal, and chipping had occurred. No foundation or line construction underway. Access road grading and installation commenced this week. 5/14/07	Monitor slopes and wetland for erosion and run-off. Add controls as necessary to protect sensitive areas. 5/14/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Erosion and sediment controls	Clearing is complete for now; Mulch remains along a steep slope and much of the root system remains in place to stabilize the soil. Some washouts/ gullies were noted on the steep slope as a result of heavy rains (noted 4/16). 5/14/07	As clearing, construction and soil disturbance progress, add controls where needed. Regrade and seed steep slopes as soon as possible. 5/14/07	Some channeling was noted on the steep slope.
	New access road grading was occurring along a steep slope. Adjacent exposed soil will likely be prone to washouts 5/14/07	Monitor area. Erosion control blankets may be necessary for future stabilization/restoration 5/14/07	NA at this time.
	Controls were not in place at the ponded area within the ROW but roots stabilize the soil. 5/14/07	Continue to minimize impacts to the ponds and install controls where applicable. 5/14/07	NA
	Ruts from equipment access were noted in the wetland near Rte 17. Mats were not in place in this location to support the equipment. 4/2-5/14/07	Add controls at the wetland crossings and extend timber mats into the area to prevent impacts from the equipment. 4/2-5/14/07	Needs attention
	Timber mats are in place for equipment storage off Rte. 17. Haybales and stone sediment traps are in place to filter water flowing from the timber mats. 5/14/07	Continue to monitor and stabilize adjacent areas to avoid sediment tracking and accumulation on the mats. 5/14/07	Run-off filtering through the controls was clear as it left the site.
Inland Wetland and Watercourse encroachment and mitigation	Cutting, skidding, and equipment movement within the ROW has occurred, compacting soils and causing ruts and disturbance in some areas. 4/2-5/14/07	Continue to monitor wetlands and add controls as needed when soil is first disturbed. Install/extend mats into the wetlands for vehicle access. 4/2-5/14/07	Needs attention when work continues.
	Using multiple access points from Rt 17 and Black Walnut Dr. allowed equipment to stay out of the pond within the ROW. Controls were not	Install controls where necessary. Continue to retain as much vegetation as possible in and adjacent to wetlands. 5/14/07	NA at this time. Continue to evaluate.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	in place here but roots help stabilize the soil. 5/14/07		
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.  Frogs, tadpoles, and <i>Ambystoma</i> (salamander) masses were noted in the small pond within the ROW. These are not state listed species but do indicate good amphibian breeding habitat. 5/14/07	None  Continue using separate access points to reduce impacts to the pond. It has been protected well up to this point. Add controls as necessary. 5/14/07	NA  NA.
Vegetative clearing or stabilization	Clearing along the ROW east of Rt 17 appears complete. Most of the tree stockpiles along the ROW will have to be removed and taken off site. 5/14/07	Monitor slopes and wetland for erosion and run-off. Continue to retain the appropriate low growing vegetation and species to the extent feasible in accordance with the D&M Plan. 5/14/07	NA.
Dewatering	Dewatering is not being performed at this time. 5/14/07	None	NA
Blasting	No blasting is proposed at this time. 5/14/07	None	NA
Spills, soils and material storage	No spills/drips were found on site. Operators have been advised to use spill controls when working on equipment. Spill kits move from site to site with equipment. 5/14/07  Two large drums (55 gallon) one plastic, one metal were located within the ROW. These were not located near wetlands. 5/14/07	Always use spill control materials when working on equipment and during refueling. Replace as needed. Continue to use and restock materials as needed. 5/14/07  Unclear whether drums were stored as part of the work or were already present in the woods. Continue to store materials and equipment 100 ft from wetlands where feasible. 5/14/07	NA  NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Additional Observations	None	None	NA

Next likely scheduled inspection: Monday May 21, 2007

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, BSC Group

Reviewer: Diana Walden, BSC Group



Stormwater controls remain adjacent to the timber mat crossing off Rte 17. Clear water was flowing off site.



Hay mulch remains at exposed soil along wetlands near Rte 17 to increase stability.



View of ponded area within the ROW with shrubs/roots retained.



View of access road grading along a steep slope and installation of stone base. Controls such as erosion control blankets may be needed for stability/restoration here.