

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 21, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.85" of precipitation was recorded in the week prior to inspection, with 0.65" on 5/16 (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. 5/21/07	Continue to monitor construction entrance and clean/sweep roadways as needed. 5/21/07	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. 5/21/07	Monitor and add controls as needed and continue using timber mats to reduce impacts to wetlands. 5/21/07	NA.
	Stone access road and pad sites were being installed off Rte. 17 and Black Walnut Dr. The stone base has been extended along the steep slope, leading from the Black Walnut Dr. access pad. 5/21/07	Any wetland crossings are temporary and material will have to be removed when work is complete. 5/21/07	NA at this time
	New clearing underway along the Segment 1B route, within the PAR receiving yard moving west. Access is through wetlands and controls	Add controls and monitor traffic within wetlands. See erosion control section 5/21/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	will be needed. 5/21/07		
Foundation and site construction	Clearing along ROW, tree removal, and chipping has moved into the PAR receiving yard and off Rt 17. No foundation or line construction underway. Access road installation continues with stone base applied. 5/21/07	Monitor slopes and wetland for erosion and run-off. Add controls as necessary to protect sensitive areas. 5/21/07	Access road & pad sites being installed. Clearing within wetlands west of receiving yard.
Erosion and sediment controls	Clearing east of Rte. 17 is complete; 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). 5/21/07	As clearing, construction and soil disturbance progress, add controls where needed. Re-grade and seed steep slopes as soon as possible. 5/21/07	Needs proactive attention when feasible.
	New access road grading was occurring along a steep slope. Adjacent exposed soil will likely be prone to washouts 5/21/07	Monitor area. Erosion control blankets may be necessary for future stabilization/restoration (noted 5/14) 5/21/07	NA at this time
	Clearing underway west of Rte. 17 within wetlands in the Laurel Brook Watershed Protection Area. 5/21/07	Monitor area closely and add controls proactively prior to soil disturbance. Minimum impact methods should be used in this sensitive area. 5/21/07	Needs proactive attention.
	Controls were not in place at the ponded area within the ROW but roots stabilize the soil. 5/21/07	Continue to minimize impacts to the ponds and install controls where applicable. 5/21/07	NA
	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. 5/21/07	Continue to monitor and stabilize adjacent areas to avoid sediment tracking and accumulation on the mats. 5/21/07	Run-off filtering through the controls was clear as it left the site.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Inland Wetland and Watercourse encroachment and mitigation	<p>Clearing and equipment movement was occurring within wetlands west of Rte 17, in the Laurel Brook Watershed Protection Area. 5/21/07</p> <p>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 in place here but roots help stabilize the soil. Access road and pad construction underway. 5/21/07</p>	<p>Monitor area closely for erosion and run-off. See erosion control section. Monitor equipment closely for any leaks and always fuel equipment outside of the protected area. 5/21/07</p> <p>Install controls where necessary. Continue to retain as much vegetation as possible in and adjacent to wetlands. 5/21/07</p>	<p>Needs to be closely monitored.</p> <p>Access road and pad construction is underway.</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>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. 5/21/07</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. It has been protected well up to this point. Add controls as necessary. 5/21/07</p>	<p>NA</p> <p>NA</p>
Vegetative clearing or stabilization	<p>Clearing along the ROW appears complete east of Rte 17. Most of the tree stockpiles along the ROW will have to be removed from site. 5/21/07</p> <p>Clearing, (cutting, skidding, and equipment movement) has commenced west of Rte 17 within the watershed protection area. 5/21/07</p>	<p>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. 5/21/07</p> <p>Low impact clearing techniques should be used to reduce impacts to wetlands. Add controls as soon as possible to minimize disturbance in the protected area. 5/21/07</p>	<p>NA</p> <p>Monitor closely.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering is not being performed at this time. 5/21/07	None	NA
Blasting	No blasting is proposed at this time. 5/21/07	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. 5/21/07 Two large drums (55 gallon) one plastic, one metal were moved to the 1A ROW. These were not located near wetlands. 5/21/07 Monitor equipment closely when working within the watershed protection area. Refueling is not allowed within the protected area. 5/21/07	Always use spill control materials when working on equipment and during refueling. Replace as needed. Continue to use and restock materials as needed. 5/21/07 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. 5/21/07 In general, remove and repair any leaking equipment from the protected area. Check equipment at least daily for drips/leaks here. 5/21/07	NA NA NA at this time
Additional Observations	None	None	NA

Next likely scheduled inspection: Tuesday May 29, 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



New access road installed off Black Walnut Drive, 1A connection.



New access road installed through wetlands east of Rte 17.
Material is temporary and will need to be removed at the completion of the work.



ROW Clearing off Rte 17 within watershed protection area.



Tree removal and chipping within the PAR shipping and receiving yard.