

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: October 9, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.27" of precipitation was recorded in the week prior to inspection with 0.22" on 10/9 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Several areas of the stone access roads and pads have been restored through stone removal, grading, seeding, and mulching. This includes Black Walnut Dr. and off Rt 17 east. Some vegetative cover was noted. 10/9/07	Continue to monitor and adjust controls as necessary. See EC section. 10/9/07	Some vegetative growth was observed in restored areas.
	Access roads are in place from the existing ROW entrance off Black Walnut Drive; east and west off Rte 17, including within the contractor yard and north of the Little Lane crossing. Stone pads remain in place at all entrances to access roads. 10/9/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/9/07	Active areas need regular attention
Route 17 west (through contractor yard), Rte 17 east, access north of Little Lane.	Mats or stone fill remain at the wetland crossings in these sections and culverts were used to cross streams. 10/9/07	Monitor traffic within wetlands and continue using timber mats to reduce impacts. Any wetland crossings are temporary and material will have to be removed when work is complete. See erosion control section. 10/9/07	Not Applicable (NA) at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation and site construction	Line work will continue. No active work was noted this week. 10/9/07	Continue to monitor and add/maintain controls as needed. 10/9/07	NA
Erosion and sediment controls	<p>Culverts and controls are in place along the access road and pads within the receiving yard west of Rte. 17. 10/9/07</p> <p>Timber mats are in place for equipment access east/west of Rte. 17. Haybales, stone sediment traps, and/or fiber rolls were used to filter water flowing from the timber mats. The channel with check dams remains along the access road and restored areas have some grass cover. 10/9/07</p> <p>Sediment was noted at the edge of the no access area near the receiving yard this week. 9/24-10/9/07 Stone was compressing into the soil here. 10/9/07</p> <p>Several soil stockpiles noted at pad sites moving west from the Black Walnut Drive entrance. 9/24-10/9/07</p>	<p>Monitor this area closely as it is located within a protected watershed and ensure that controls are adequate. Evaluate controls and place additional controls as necessary. 10/9/07</p> <p>Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. See access roads section. 10/9/07</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9/07</p> <p>Remove soil stockpiles or install controls and continue to stabilize the areas. 9/24-10/9/07</p>	<p>Needs monitoring</p> <p>Grass growth noted.</p> <p>Area needs monitoring and evaluation.</p> <p>Needs attention when feasible.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>Access road is in place west of Rte 17 in the receiving yard wetlands. Three streams were crossed with culverts. Controls and mulch are in place adjacent to the roads, culvert flow was currently clear. 10/9/07</p> <p>Timber mat access road in place in wetlands west of Rte. 17 near Little Ln. Equipment ruts noted</p>	<p>Monitor area closely for erosion and run-off. Add controls as needed to prevent road run-off. Wetland crossings are temporary and material will have to be removed when work is complete. 10/9/07</p> <p>See erosion control section. Continue to monitor until the area has stabilized. Disturbed area</p>	<p>NA at this time.</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>within the wetlands at the edge of the mats remain graded and stable. 10/9/07</p> <p>The sediment that was accidentally pushed/ swept into wetlands when it was being removed from timber mats west of Rte 17, has also been removed. 10/9/07</p>	<p>should be seeded. 10/9/07</p> <p>Continue to stabilize the area and remove timber mats when feasible. 10/9/07</p>	<p>The remaining sediment was removed.</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>Frogs, tadpoles, turtles and <i>Ambystoma</i> (salamander) egg masses were noted in the small pond within the ROW in the spring. These are not state-listed species but do indicate good amphibian breeding habitat. 10/9/07</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. Vegetative cover is increasing in the area. 10/9/07</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Clearing along the ROW appears largely complete. 10/9/07</p> <p>Restoration efforts have been noted to remove stone from some areas of access roads and pads. Some vegetative growth and cover was noted in restored areas. 10/9/07</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. 10/9/07</p> <p>Continue to restore, seed and mulch any work areas that will no longer be active, especially before the end of the growing season. 10/1/07</p>	<p>NA</p> <p>Areas were being restored. Efforts should continue.</p>
<p>Dewatering</p>	<p>Dewatering is performed via pump truck as needed. Active work and associated dewatering were no longer observed. 10/9/07</p>	<p>When dewatering is necessary, any detention basins in the watershed area should be monitored twice a week in accordance with the D&M plan. Continue to</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		use adequate containment. 10/9/07	
Blasting	No blasting is proposed at this time. 10/9/07	None	NA
Spills, soils and material storage	<p>Contractor receiving yard is set up near Rte. 17 in Middletown for 1A work. Spill kits move from site to site with equipment. 10/9/07</p> <p>Monitor equipment closely when working within the Laurel Brook watershed protection area. Refueling and equipment maintenance should be done outside of the protected area. 10/9/07</p>	<p>Continue to use and restock materials as needed. 10/9/07</p> <p>In general, if a leak is observed, contain it and remove equipment from water department property. Never refuel, repair, or store equipment within water department property. Proactively check equipment for leaks when working in the protected area. 10/9/07</p>	<p>NA</p> <p>NA at this time.</p>
Additional Observations	None. 10/9/07	None. 10/9/07	NA

Next likely scheduled inspection: Monday October 15, 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: Matt Creighton, BSC Group

Reviewer: Diana Walden, BSC Group



Vegetative cover has established on the seeded portion of the ROW and the area is stable.



Sediment was removed from mats and wetlands. Controls are in place



Equipment ruts have been filled in and soils have been regraded. Monitor for stabilization.