

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 22, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 1.48" of precipitation was recorded in the week prior to inspection with 1.33" of the total reported on 10/19 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>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. 10/22/07</p>	<p>Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/22/07</p>	<p>Active areas need regular attention</p>
	<p>Minor erosion was noted along the access road at the steep slope off Black Walnut Drive after the heavy rains this week. 10/22/07</p>	<p>The erosion is not affecting wetland areas but regrade road as feasible to prevent further washouts or consider stormwater diversions such as water bars. 10/22/07</p>	<p>Needs attention when feasible.</p>
<p>Route 17 west (through contractor yard), Rte 17 east, access north of Little Lane.</p>	<p>Mats or stone fill remain at the wetland crossings in these sections and culverts were used to cross streams. 10/22/07</p>	<p>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. 10/22/07</p>	<p>Not Applicable (NA) at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Foundation and site construction</p>	<p>Line work will continue. Crews have constructed pull sites and have started to pull lines. Soil stockpiles were graded and controls were installed at line pulling sites. 10/22/07</p>	<p>Continue to monitor and add/maintain controls as needed. See erosion control section. When considering placement, line-pulling areas should be not be located within 50-feet of wetlands per the D&M plan. 10/22/07</p>	<p>Site placement needs evaluation.</p>
<p>Erosion and sediment controls</p>	<p>Culverts and controls are in place along the access road and pads within the receiving yard west of Rte. 17. 10/22/07</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 grass cover. 10/22/07</p> <p>Sediment was noted at the edge of the no access area near the receiving yard. 9/24-10/22/07 Stone was compressing into the soil here. 10/9-10/22/07</p> <p>Several soil stockpiles noted at pad sites moving west from the Black Walnut Drive entrance. 9/24-10/22/07</p> <p>The soil stockpiles noted within the watershed protection area have been graded into line pulling sites and controls have been added. 10/22/07</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. 10/22/07</p> <p>Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. See access roads section. 10/22/07</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9-10/22/07</p> <p>Remove soil stockpiles or install controls and continue to stabilize the areas. 9/24-10/22/07</p> <p>In accordance with the D&M Plan, erosion controls should be placed downgradient of the stockpiles and monitored weekly. Ensure that line-pulling sites are not</p>	<p>Needs monitoring</p> <p>Grass growth noted.</p> <p>Area needs monitoring and evaluation.</p> <p>Needs attention when feasible.</p> <p>Stockpiles were graded and controls were added. Evaluate distance between pull sites and wetlands.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		placed within 50-feet of wetlands (per the D&M plan). 10/22/07	
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. 10/22/07</p> <p>Timber mat access road remains in place in wetlands west of Rte. 17 near Little Ln. 10/22/07</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. 10/22/07</p> <p>See erosion control section. Continue to monitor until the area has stabilized. Disturbed area should be seeded. 10/22/07</p>	<p>NA at this time.</p> <p>NA at this time.</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, 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. 10/22/07</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. Vegetative cover is increasing in the area. 10/22/07</p>	<p>NA</p> <p>NA</p>
Vegetative clearing or stabilization	<p>Clearing along the ROW appears complete. 10/22/07</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</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. 10/22/07</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-</p>	<p>NA</p> <p>Areas were being restored. Efforts should continue.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	restored areas. 10/22/07	10/22/07	
Dewatering	Dewatering is performed via pump truck as needed. Active work and associated dewatering were no longer observed. 10/22/07	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 use adequate containment. 10/22/07	NA
Blasting	No blasting is proposed at this time. 10/22/07	None	NA
Spills, soils and material storage	Contractor receiving yard is set up near Rte. 17 in Middletown for 1A work. Spill kits move from site to site with equipment. 10/22/07 Monitor equipment closely when working within the Laurel Brook watershed protection area. Refueling and equipment maintenance should be done outside of the protected area. 10/22/07	Continue to use and restock materials as needed. 10/22/07 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. 10/22/07	NA NA at this time.
Additional Observations	None. 10/22/07	None. 10/22/07	NA

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

Reviewer: Diana Walden, BSC Group



Minor erosion noted along the access road at the steep slope off Black Walnut Drive.



View of a pull site installed upgradient from wetlands near the contractor receiving yard. Controls were installed.



A view of the line pulling equipment and new pull sites installed upgradient from wetlands near the contractor receiving yard.