

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: November 5, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.18" of precipitation was recorded in the week prior to inspection (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	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. 11/5/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 11/5/07	Active areas need regular attention
	Minor erosion was noted along the access road at the steep slope off Black Walnut Drive after heavy rains. 10/22-11/5/07	The erosion is not affecting wetland areas but regrade road as feasible to prevent further washouts or consider stormwater diversions such as water bars. 10/22-11/5/07	Needs attention when feasible.
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. 11/5/07	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. 11/5/07	Not Applicable (NA) at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Foundation and site construction</p>	<p>Pull sites have been constructed and line work continues. Controls remain at line pulling sites. 11/5/07</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. 11/5/07</p>	<p>NA at this time.</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. 11/5/07</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. 11/5/07</p> <p>Sediment was noted at the edge of the no access area near the receiving yard. 9/24-11/5/07 Stone was compressing into the soil here. 10/9-11/5/07</p> <p>Several soil stockpiles noted at pad sites moving west from the Black Walnut Drive entrance. 9/24-11/5/07</p> <p>Large disturbed area noted where stumps have been removed and the area graded located between structures #24538-24539. Area appears to be a line-pulling site. 11/5/07</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. 11/5/07</p> <p>Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. See access roads section. 11/5/07</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9-11/5/07</p> <p>Remove soil stockpiles or install controls and continue to stabilize the areas. 9/24-11/5/07</p> <p>Remove stump/soil piles and stabilize the area upon completion of line-pulling activities. Add controls as needed around the disturbed area and stockpiles. 11/5/07</p>	<p>Needs monitoring</p> <p>NA at this time.</p> <p>Area needs monitoring and evaluation.</p> <p>Needs attention when feasible.</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>One of the line pull areas is located within the 50-foot buffer to the wetlands. However, the contractor has confirmed that this area was approved by CSC. Controls remain in place. 11/5/07</p>	<p>In accordance with the D&M Plan, ensure that all other line-pulling areas are not placed within 50-feet of wetlands. This area is an exception. Continue to maintain controls carefully. 11/5/07</p>	<p>Contractor has confirmed the line pull location was approved by CSC.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<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. 11/5/07</p> <p>Timber mat access road remains in place in wetlands west of Rte. 17 near Little Ln. 11/5/07</p> <p>The line-pulling area adjacent to the receiving yard is located approximately 15-20 feet from the edge of the wetland. This location was approved by the CSC, according to the contractor. 11/5/07</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. 11/5/07</p> <p>See erosion control section. Continue to monitor until the area has stabilized. Disturbed area should be seeded. 11/5/07</p> <p>When considering placement, line-pulling areas should be not be located within 50-feet of wetlands per the D&M plan. However, this one is an exception. 11/5/07</p>	<p>NA at this time.</p> <p>NA at this time.</p> <p>NA at this time</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. 11/5/07</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. Vegetative cover is increasing in the area. 11/5/07</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing or stabilization	<p>Clearing along the ROW appears complete. 11/5/07</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. 11/5/07</p> <p>Disturbed area noted where stumps have been removed between structures #24538-24539. 11/5/07</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. 11/5/07</p> <p>Continue to restore, seed and mulch any work areas that will no longer be active, or temporarily stabilize areas where work will not return within 21 days. 11/5/07</p> <p>Add controls if needed and stabilize the area when feasible. See erosion control section. 11/5/07</p>	<p>NA</p> <p>Areas were being restored. Efforts should continue.</p> <p>Needs attention when feasible.</p>
Dewatering	<p>Dewatering is performed via pump truck as needed. Active work associated with dewatering was no longer observed. 11/5/07</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. 11/5/07</p>	<p>NA</p>
Blasting	<p>No blasting is proposed at this time. 11/5/07</p>	<p>None</p>	<p>NA</p>
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. 11/5/07</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. 11/5/07</p>	<p>Continue to use and restock materials as needed. 11/5/07</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</p>	<p>NA</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Equipment was noted parked adjacent to the silt fence, near the wetland edge within the Laurel Brook watershed protection area. 11/5/07</p>	<p>area. 11/5/07 Relocate the equipment to a location over 100 feet from wetlands. 11/5/07</p>	<p>Needs attention.</p>
<p>Additional Observations</p>	<p>None. 11/5/07</p>	<p>None. 11/5/07</p>	<p>NA</p>

Next likely scheduled inspection: Monday November 12, 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.



Equipment parked near the edge of the wetlands within the Laurel Brook Watershed Protection Area.



Edge of a line-pulling area within the 50-foot buffer to the wetlands. This area was later confirmed by the contractor as approved by the CSC.



Line work was underway near the contractor receiving yard.