

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 1, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.46” of precipitation was recorded in the week prior to inspection with 0.44” of the total reported on 9/27 (NOAA data at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways	Stone access road construction appears to be complete and several areas are being restored through stone removal, grading, seeding, and mulching. This includes Black Walnut Dr. and off Rt 17 east. 10/1/07	Continue to monitor and adjust controls as necessary. See EC section. 10/1/07	Some access road areas were being restored.
	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. 10/1/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 10/1/07	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. 10/1/07	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. 10/1/07	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. 10/1/07	Continue to monitor and add/maintain controls as needed. 10/1/07	NA
Erosion and sediment controls	<p>The steep slope, east of Rte. 17 has stabilized with vegetated cover. 10/1/07</p> <p>Culverts and controls are in place along the access road and pads within the receiving yard west of Rte. 17. 10/1/07</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 recently restored areas have started to grow grass. 10/1/07</p> <p>Sediment was noted at the edge of the no access area near the receiving yard this week. 9/24-10/1/07</p> <p>The equipment tracks previously noted within the wetlands have been restored. 10/1/07</p> <p>Several soil stockpiles noted at pad sites moving west from the Black Walnut Drive entrance. 9/24-10/1/07</p>	<p>None at this time. Vegetative cover is sufficient. 10/1/07</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. 10/1/07</p> <p>Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. See access roads section. 10/1/07</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/1/07</p> <p>None at this time. Continue to monitor until stabilized. 10/1/07</p> <p>Remove soil stockpiles or install controls and continue to stabilize the areas. 9/24-10/1/07</p>	<p>Area is stable.</p> <p>Needs monitoring</p> <p>Grass growth noted.</p> <p>Needs attention/evaluation.</p> <p>The equipment ruts were graded/restored.</p> <p>Needs attention when feasible.</p>
Inland Wetland and Watercourse encroachment and mitigation	Access road is in place west of Rte 17 in the receiving yard wetlands. Three streams were	Monitor area closely for erosion and run-off. Add controls as needed to prevent road run-off.	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>crossed with culverts. Controls and mulch are in place adjacent to the roads, culvert flow was currently clear. 10/1/07</p> <p>Timber mat access road in place in wetlands west of Rte. 17 near Little Ln. The equipment ruts noted within the wetlands at the edge of the mats have been re-graded. 10/1/07</p> <p>Sediment tracking/accumulation was removed from timber mats west of Rte 17. However, some of the sediment was accidentally swept over controls and into wetlands. 9/24/07</p>	<p>Wetland crossings are temporary and material will have to be removed when work is complete. 10/1/07</p> <p>See erosion control section. Continue to minimize impacts to the extent possible and add controls as needed. Disturbed area should be seeded. 10/1/07</p> <p>If feasible, sediment should be removed by hand from the wetland. Otherwise, stabilize the area. 10/1/07</p>	<p>Needs to be monitored.</p> <p>Needs evaluation.</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. 10/1/07</p>	<p>None</p> <p>Continue using separate access points to reduce impacts to the pond. Add controls as necessary and consider construction fencing to keep equipment back. 10/1/07</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Clearing along the ROW appears largely complete. 10/1/07</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. 10/1/07</p>	<p>NA</p>
<p>Black Walnut Drive</p>	<p>Wood chip piles were removed from the ROW in this area (near the intersection of 1A and</p>	<p>None at this time. 10/1/07</p>	<p>Wood chip piles were removed.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>1B). 10/1/07</p> <p>Restoration efforts were noted to remove stone from some areas of access roads and pads. 10/1/07</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>Areas were being restored. Efforts should continue.</p>
<p>Dewatering</p>	<p>Dewatering is performed via pump truck as needed. Active work or dewatering was no longer observed. 10/1/07</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 use adequate containment. 10/1/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 10/1/07</p>	<p>None</p>	<p>NA</p>
<p>Spills, soils and material storage</p>	<p>Contractor receiving yard is set up near Rte. 17 in Middletown for 1A work. Spill kits move from site to site with equipment. 10/1/07</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. 10/1/07</p>	<p>Continue to use and restock materials as needed. 10/1/07</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. 10/1/07</p>	<p>NA</p> <p>NA at this time.</p>
<p>Additional Observations</p>	<p>None. 10/1/07</p>	<p>None. 10/1/07</p>	<p>NA</p>

Next likely scheduled inspection: Monday October 8, 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



A section of the access road stone has been removed at Black Walnut Dr. west. The disturbed area along the road was regraded, mulched and seeded.



A soil stockpile remains west of Black Walnut Dr. access. Remove pile or add appropriate controls.



Sediment was observed the edge of the no access area near the contractor receiving yard. Continue to monitor and add controls as needed. Restore the pad and remove stone when feasible.