

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: September 24, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.03" 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	Clearing and stone access road construction appear to be complete in most sections at this time. 9/24/07	Continue to monitor active work areas and add controls as necessary. See EC section. 9/24/07	Not Applicable (NA)
	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. 9/24/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 9/24/07	Active areas need regular attention
	Stone was removed from the edge of the access road at Rte 17 east. 9/24/07	See Erosion Control Section. 9/24/07	NA
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. 9/24/07	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. 9/24/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation and site construction	Pole installation and line work will continue. No active work was noted this week. 9/24/07	Continue to monitor and add/maintain controls as needed. 9/24/07	NA
Erosion and sediment controls	Mulch remains along a steep slope, east of Rte. 17 and much of the root system remains in place to stabilize the soil. 9/24/07	Monitor for stabilization. Seed the area as needed. 9/24/07	NA
	Culverts and controls are in place along the access road and pads within the receiving yard west of Rte. 17. 9/24/07	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. 9/24/07	Needs monitoring
	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 had been mulched and seeded. 9/24/07	Continue to monitor and stabilize disturbed areas. Add/maintain controls as necessary. See access roads section. 9/24/07	NA
	Sediment was noted at the edge of the no access area near the receiving yard this week. 9/24/07	Clean sediment from stone pad if feasible and add controls as necessary. 9/24/07	Needs attention
	Sediment tracking/accumulation noted on timber mats west of Rte 17 (near structure # 24580) was removed. However, some of the sediment was swept over controls and into wetlands. Also equipment tracks were noted within the wetlands. 9/24/07	Monitor and add controls as needed. Regrade the ruts and stabilize the area. See Inland wetland section. 9/24/07	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
	A soil stockpile was noted near the Black Walnut Drive access. No controls were observed. 9/24/07	Remove pile or add appropriate controls. 9/24/07	Needs attention
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. 9/24/07</p> <p>Timber mat access road in place in wetlands west of Rte. 17 near Little Ln. Equipment ruts were noted under a plastic tarp within the wetlands at the edge of the mats. 9/24/07</p> <p>Sediment tracking/accumulation was removed from timber mats west of Rte 17. However, some of the sediment was swept over controls and into wetlands. Also equipment tracks were noted within the wetlands. 9/24/07</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. 9/24/07</p> <p>See erosion control & access roads sections. Continue to minimize impacts to the extent possible and add controls as needed. Ruts should be carefully repaired/ regraded and the disturbed area should be seeded. 9/24/07</p> <p>If feasible, sediment should be removed by hand from the wetland. 9/24/07</p>	<p>Needs evaluation.</p> <p>Needs attention.</p> <p>Needs attention.</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. These are not state-listed species but do indicate good amphibian breeding habitat. 9/24/07</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. 9/24/07</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Vegetative clearing or stabilization</p> <p>Black Walnut Drive</p>	<p>Clearing along the ROW appears largely complete. 9/24/07</p> <p>Wood chip piles were noted in the ROW in this area (near the intersection of 1A and 1B) since 8/6. Piles are deeper than 3", inhibiting vegetative growth. 9/24/07</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. 9/24/07</p> <p>Piles need to be either removed from the ROW or spread in appropriate upland areas to a depth of 3" or less. 9/24/07</p>	<p>NA</p> <p>Needs attention when feasible</p>
<p>Dewatering</p>	<p>Dewatering is performed via pump truck as needed. 9/24/07</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. 9/24/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 9/24/07</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. 9/24/07</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. 9/24/07</p>	<p>Continue to use and restock materials as needed. 9/24/07</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. 9/24/07</p>	<p>NA</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Additional Observations	None. 9/24/07	None. 9/24/07	NA

Next likely scheduled inspection: Monday October 1, 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: Lee Curtis, BSC Group



A section of the access road has been removed at Route 17 east. The disturbed area along the road was regraded, mulched, and seeded.



Soil stockpile noted near Black Walnut Dr. access. Remove pile or add appropriate controls.



Sediment was observed at the edge of the no access area near the receiving yard. Continue to monitor and add controls as needed.