

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: December 10, 2007

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 0.47" of precipitation was recorded in the week prior to inspection with 0.27 reported on 12/9 (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. 12/10/07	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 12/10/07	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. 12/10/07	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. 12/10/07	Not Applicable (NA) at this time
	Slightly turbid water has been noted in the access roads of the receiving yard during times of heavy traffic and precipitation. New stone added to some areas. 12/10/07	Monitor new stone for effectiveness. See erosion control section for details. 12/10/07	Stone was added to the access drive but more attention may be needed.
Foundation and site construction	Hay and seed was being applied to disturbed areas	Continue to monitor and add/maintain controls as	Some reclamation activities were noted.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>off the Black Walnut Dr entrance. Grading was underway east of Rte 17. Line pulling equipment and crews were working at the 1A & 1B intersection. 12/10/07</p>	<p>needed. See erosion control section. 12/10/07</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. Some turbid run-off was noted on the access roads. 12/10/07</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. Some restoration work was underway along the access road. 12/10/07</p> <p>Sediment was noted at the edge of the no access area near the receiving yard. 9/24-12/10/07 Stone was compressing into the soil here. 10/9-12/10/07</p> <p>Several soil stockpiles remain at pad sites moving west from the Black Walnut Drive entrance. Silt fence remains in place at the base of the stockpiles. 12/10/07</p> <p>Hay and seed were being applied along reclaimed areas off Black Walnut Dr. 12/10/07</p>	<p>Monitor this area closely as it is located within a protected watershed and ensure that controls are adequate. Reinforce controls as necessary and repair those that have deteriorated. (See 1A report). 12/10/07</p> <p>Continue to monitor and stabilize disturbed areas when work is complete and activity will not return within 21 days. Add/maintain controls as necessary. Ensure sufficient stabilization for winter months. 12/10/07</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9-12/10/07. 12/10/07</p> <p>Remove soil stockpiles and stabilize the area when feasible. Ensure sufficient stabilization on the stockpile for winter months if it is to remain. 12/10/07</p> <p>Ensure sufficient stabilization for winter months. Crews may need to provide additional</p>	<p>Needs monitoring</p> <p>Restoration work underway.</p> <p>Area needs monitoring and evaluation.</p> <p>NA at this time.</p> <p>Mulch and seed were added to reclaimed areas.</p>

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	<p>Controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. 12/10/07</p>	<p>attention in the spring to establish vegetative cover. 12/10/07</p> <p>Continue to maintain controls in this area and monitor wetlands closely for sediment. Upon completion of work remove the pad and stabilize the area within the approved timelines. 12/10/07</p>	<p>NA</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. 12/10/07</p> <p>Timber mat access road remains in place in wetlands west of Rte. 17 near Little Ln. 12/10/07</p> <p>In accordance with the D&M Plan, all work occurring in and around wetlands should be expedited to minimize potential adverse impacts to wetlands and reduce disturbances to wetland soils. This includes attending to restoration when work is complete. 12/10/07</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. 12/10/07</p> <p>See erosion control section. Continue to monitor until the area has stabilized. Disturbed areas need to be stabilized within approved timelines. 12/10/07</p> <p>Final stabilization and reclamation efforts should occur in completed areas in and around wetlands. Any additional work needed in and around wetlands should be expedited to allow for final stabilization procedures to commence. Any stabilization at this time will have to account for winter months. 12/10/07</p>	<p>NA at this time.</p> <p>NA at this time.</p> <p>Needs to be evaluated.</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>None</p>	<p>NA</p>

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	<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. 12/10/07</p>	<p>Continue using separate access points to reduce impacts to the pond. Vegetative cover is present in the area. 12/10/07</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p>	<p>Clearing along the ROW appears complete. 12/10/07</p> <p>Restoration efforts have been noted to remove stone from some areas of access roads and pads. Some vegetative cover was noted in restored areas. 12/10/07</p> <p>Crews were adding hay and seed to disturbed areas and reclaiming areas from Black Walnut Dr. to Rte 17. 12/10/07</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. 12/10/07</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. 11/5-12/10/07</p> <p>Continue to reclaim and stabilize disturbed areas sufficiently for winter months. See erosion control section. 12/10/07</p>	<p>NA</p> <p>NA</p> <p>Crews were reclaiming and mulching/seeding disturbed areas.</p>
<p>Dewatering</p>	<p>Active work associated with dewatering was no longer observed. 12/10/07</p>	<p>If further 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. 12/10/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting is proposed at this time. 12/10/07</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.</p>	<p>Continue to use and restock materials as needed. 12/10/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	12/10/07 Monitor equipment closely when working within the Laurel Brook watershed protection area. Refueling and equipment maintenance should be done outside of the protected area. 12/10/07	In general, if a leak is observed, contain it and remove equipment from water department property. Proactively check equipment for leaks when working in the protected area. 12/10/07	NA at this time.
Additional Observations	None. 12/10/07	None. 12/10/07	NA

Next likely scheduled inspection: Monday December 17, 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 was no longer noted along the access road off Black Walnut Drive since the repairs had been made.



Reclaimed areas off Black Walnut Drive had been mulched and seeded.



Turbid water noted flowing along the access drives within the receiving yard.



View of the intersection of segments 1A & 1B off Little Lane. Line pulling work was underway.