

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: January 15, 2008

Inspector: Matthew Creighton

Location: Segment 1b (Royal Oaks Bypass)

Rainfall: 1.43” of precipitation was recorded in the week prior to inspection with 0.93” reported on 1/11. (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. 1/15/08	Continue to monitor for sediment tracking in active areas. Sweep roadways as necessary. 1/15/08	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. Timber mat removal was complete north of Little Ln. within the wetlands. 1/15/08	Monitor traffic within wetlands and continue using timber mats to reduce impacts. Continue to remove and stabilize wetland crossings now that work is complete. See erosion control section. 1/15/08	Timber mats have been removed from wetlands north of Little Lane.
	Slightly turbid water has been noted at the receiving yard during times of heavy traffic and precipitation. New stone is in place in some areas. Minor sediment was noted in the stream adjacent to the receiving yard during heavy rains (12/31). 1/15/08	Monitor stone for effectiveness. See erosion control section for details. 1/15/08	Stone was added to the access drive but more attention may be needed.
		Identify where the turbidity is entering the stream and add controls as needed. 12/31-1/15/08	Needs evaluation

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<p>Foundation and site construction</p>	<p>Crews have reclaimed pad sites and removed timber mats within wetlands. 1/15/08 Crews were removing timber mats near the receiving yard during the inspection.</p>	<p>Continue to reclaim areas when feasible. Encourage vegetative cover in wetlands as soon as feasible and mulch exposed soils in adjacent uplands for sufficient cover in winter months. 1/15/08</p>	<p>Not Applicable (NA)</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. Turbid water appears to enter the wetlands from a source below the substrate near the access road during rain events. 1/15/08</p> <p>Timber mats have been removed west of Rte. 17 within the wetlands. 1/15/08</p> <p>Haybales, stone sediment traps, and/or fiber rolls were used to filter water flowing from the timber mats east/west of Rte 17. The channel with check dams remains along the access road east of Rte 17. 1/15/08</p> <p>Sediment was noted at the edge of the no access area near the receiving yard. 9/24-1/15/08 Stone was compressing into the soil here. 10/9-1/15/08</p> <p>Pad sites moving west from the Black Walnut Drive entrance have been</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). Locate the source of the turbidity and add controls as needed. 12/31-1/15/08</p> <p>Ensure sufficient stabilization for winter months during the reclamation process. Adjacent upland soils will need mulch and wetland contours should be carefully restored. 1/15/08</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. 1/15/08</p> <p>Add controls as necessary and begin restoration on any stone pads that will no longer require access. 10/9-1/15/08</p> <p>Continue to stabilize soils to the extent feasible within the approved</p>	<p>Needs attention</p> <p>Turbid water entering the wetland during storms.</p> <p>Timber mats have been removed.</p> <p>NA at this time</p> <p>Area needs monitoring and evaluation.</p> <p>Stockpiles and pad sites have been removed. Needs confirmation on</p>

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	<p>removed. Area is covered in snow and temporarily stable but it cannot be confirmed whether all sites were mulched prior to snow cover. 1/15/08</p> <p>Controls remain in place at the CSC approved line-pulling area located adjacent to wetlands. Two small stockpiles were noted in this area without controls. 1/7-1/15/08</p>	<p>timelines. All temporary stabilization will need to be sufficient for winter months. 1/15/08</p> <p>Upon completion of work stabilize the area within the approved timelines. Ensure stockpiles are not stored within 100 feet of wetlands and add controls if they are to remain. 1/7-1/15/08</p>	<p>cover.</p> <p>Stockpiles need attention.</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. 1/15/08</p> <p>Timber mat access road/pad was removed from the wetlands west of Rte. 17 near Little Ln. 1/15/08</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 in adjacent upland areas when work is complete. Reclamation was occurring. 1/15/08</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. 1/15/08</p> <p>See erosion control section. Monitor until the area has stabilized and encourage vegetative cover as soon as feasible. Apply mulch to exposed soil in adjacent uplands 1/15/08</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. 1/15/08</p>	<p>NA at this time.</p> <p>Timber mats have been removed.</p> <p>Reclamation was occurring in wetlands. Continue to evaluate.</p>
<p>State species of concern, threatened and endangered</p>	<p>According to the D&M plan, state-listed species are not located in this</p>	<p>None</p>	<p>NA</p>

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species.	<p>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. 1/15/08</p>	<p>Continue using separate access points to reduce impacts to the pond. 1/15/08</p>	<p>NA</p>
<p>Vegetative clearing or stabilization</p> <p><i>Stabilization measures will have to be consistent with and sufficient for winter conditions</i></p>	<p>Clearing along the ROW appears complete. 1/15/08</p> <p>Restoration efforts are underway removing stone from the edges of access roads and removing pads and timber mats. 12/31-1/15/08</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. 1/15/08</p> <p>Continue to restore and stabilize any work areas that will no longer be active, or temporarily stabilize areas where work will not return within 21 days. 11/5-1/15/08</p>	<p>NA</p> <p>NA</p>
Dewatering	<p>Active work associated with dewatering was no longer observed. 1/15/08</p>	<p>NA 1/15/08</p>	<p>NA</p>
Blasting	<p>No blasting is proposed at this time. 1/15/08</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. 1/15/08</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.</p>	<p>Continue to use and restock materials as needed. 1/15/08</p> <p>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.</p>	<p>NA</p> <p>NA at this time.</p>

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	1/15/08 Most of the soil stockpiles noted along this segment have been removed. However, two stockpiles were noted at the edge of the wetlands near the receiving yard. 1/7-1/15/08	1/15/08 Monitor and add controls as needed. Ensure soil is no stockpiled with 100 feet of wetlands. See erosion control section. 1/7-1/15/08	Most stockpiles have been removed. Two near wetlands need attention.
Additional Observations	None. 1/15/08	None. 1/15/08	NA

Next likely scheduled inspection: Monday January 21, 2008

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



Black Walnut Dr. entrance is currently under snow cover and temporarily stable.



Contractor receiving yard entrance. Crews were removing timber mats at this time.



Soil stockpiles remain near the edge of the wetlands near the receiving yard. Ensure that controls are in place and stockpiles are not stored within 100 feet of wetlands where feasible.



Stone pad appears to be removed and graded but further evaluation will be needed when snow cover is gone.