

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 1a Inspection

Date: October 26, 2006

Inspector: Matthew Creighton

Location: Segment 1a – Scovill Rock Switching Station to Chestnut Junction, Oxbow Junction to Beseck Switching Station (excluding Royal Oak Bypass), Black Pond Junction to Beseck Switching Station

Rainfall: Total of 0.55” rain from 10/20 – 10/26 with 0.54” on 10/20 (as reported by NOAA at Meriden, CT).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access roads and adjacent roadways			
Oxbow Junction	Traffic is using the entrance off Oxbow Road. No sediment tracking was noted. 10/26/06	The new stone entrance reduces sediment tracking. Maintain and clean stone entrance as needed. Install silt liner in catch basin across from the site entrance if necessary. 10/26/06	Roadway was cleared of sediment.
Black Walnut Dr.	Access roadway is finished (grading and installing stone base). Black Walnut Dr. was free of sediment Catch Basin (CB) inlet protection looks good. 10/26/06	Continue to clean the roadway as needed. 10/26/06	Roadway being swept as needed.
	New access road has check dams, silt fence, & mulch installed. Most disturbed areas have been mulched for stabilization. A culvert/swale and sediment trap was installed at a pre-existing drainage area to prevent washout of the new road.	Monitor controls and make sure controls are effectively handling storm water and erosion. 10/26/06	Check dams, mulch, silt fence, and proactive stormwater controls were installed.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Black Pond</p> <p>ROW, north of Beseck SS</p> <p>Contractor Receiving Yard and Storage Area</p>	<p>10/26/06</p> <p>Access road construction underway (grading and stone base). Route 66 free of sediment tracking. 10/26/06</p> <p>Traffic is using the old ROW access drive off Carpenter Lane. The access drive has been mulched to prevent tracking. 10/26/06</p> <p>No sediment tracking on Route 17. Area contains a long paved driveway, which will help remove sediment from trucks before leaving the site. 10/26/06</p>	<p>Access pad construction is underway to prevent sediment tracking. Continue to mulch disturbed slopes. 10/26/06</p> <p>Monitor and clean/sweep Carpenter Lane as needed. Beseck and 1A contractors will have to work together to maintain Carpenter Lane. 10/26/06</p> <p>Keep paved driveway clean and add a tracking pad if needed to retain sediment onsite. 10/26/06</p>	<p>NA</p> <p>Mulch added to prevent tracking</p> <p>NA</p>
<p>Foundation and site construction</p> <p>Oxbow Junction</p> <p>Black Walnut Dr.</p> <p>Black Pond</p> <p>North of Beseck in ROW</p>	<p>Pole installation completed. No new work. 10/26/06</p> <p>Access road construction and clearing finished. One foundation has been installed and drilling for the next was underway during the inspection. 10/26/06</p> <p>Concrete washout area installed and caution tape and fencing installed to protect the area. 10/26/06</p> <p>No foundations are being installed yet. 10/26/06</p> <p>No foundations are being installed yet. Clearing is underway. 10/26/06</p>	<p>None. 10/26/06</p> <p>None 10/26/06</p> <p>Maintain washout area and safety precautions. 10/26/06</p> <p>None 10/26/06</p> <p>None 10/26/06</p>	<p>NA</p> <p>NA</p> <p>Concrete washout area installed with fencing</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and sediment controls</p> <p>Oxbow Junction</p> <p>Black Walnut Dr.</p> <p>Black Pond</p> <p>ROW North of Beseck SS</p>	<p>The majority of the vegetation remains intact. Very little potential for soil erosion exists in this area. 10/26/06</p> <p>Most vegetation has been removed with some shrubs remaining. Exposed areas have been mulched for stabilization. Water bars, culvert/ swale and sediment trap were installed along the new access road for stormwater attenuation. 10/26/06</p> <p>Wetlands are protected by a berm located upland of the wetlands onsite. The vegetated buffer is also being maintained. 10/26/06</p> <p>A vegetated buffer is being used along the new access road for erosion control. The new access road will be covered with stone and exposed slopes will be mulched. 10/26/06</p> <p>Mulch was spread on the access road to prevent erosion. Sediment tracking was not noted. 10/26/06</p> <p>Silt fence is needed along the access road above the wetlands under the ROW (east of Beseck). 10/26/06</p> <p>As clearing continues, slopes may need to be stabilized. 10/26/06</p>	<p>If necessary, continue to selectively cut vegetation in accordance with the D&M plan. 10/26/06</p> <p>Continue to use mulch for temporary stabilization on disturbed surfaces. Monitor new controls and adjust or add more if needed. 10/26/06</p> <p>Maintain buffer zone and soil berm. 10/26/06</p> <p>Mulch slopes once clearing and grading is finished. 10/26/06</p> <p>Install silt fence if needed along the wetland. 10/26/06</p> <p>Monitor access road for sediment tracking onto Carpenter Lane and runoff into adjacent wetlands. 10/26/06</p> <p>Install and maintain silt fence along wetland buffer zone. 10/26/06</p> <p>Monitor slopes once clearing is completed. 10/26/06</p>	<p>NA.</p> <p>Mulch used on exposed slopes, stormwater controls installed along roadway.</p> <p>NA.</p> <p>Vegetated buffer has been left for erosion control.</p> <p>Mulch spread on access road</p> <p>Needs attention</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Contractor Receiving Yard and Storage Area</p>	<p>Silt fence was installed around a portion of the site. Should be extended prior to additional disturbance on site. 10/26/06</p> <p>Silt fence has also been installed along a drainage ditch onsite. 10/26/06</p> <p>Soil stockpiles should be stored away from wetlands and catch basins onsite. 10/26/06</p>	<p>Silt fence installation should continue to encompass the remainder of the wetland area including 50-foot buffer zone. 10/26/06</p> <p>Monitor and maintain silt fence. 10/26/06</p> <p>If stockpiles are needed locate them away from resource areas. Stabilize stockpiles if they will be left for 14 days or more. 10/26/06</p>	<p>Silt fence installed.</p> <p>Silt fence installed</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>Jurisdictional wetland areas and buffers will not be accessed until the ACOE permit is in hand. 10/26/06</p> <p>The wetland buffer is also maintained at the contractor yard. For the record, clearing/disturbance noted in the wetland is not a result of activities from this project. 10/26/06</p> <p>No encroachment at this time. 10/26/06</p>	<p>Continue to monitor wetlands and erosion controls. 10/26/06</p> <p>Disturbance was not project jurisdictional. 10/26/06</p> <p>None 10/26/06</p>	<p>NA</p> <p>NA</p> <p>NA</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 the current work areas. 10/26/06</p> <p>Potential habitat for wood turtles is noted at Ball Brook in this section. 10/26/06</p>	<p>None 10/26/06</p> <p>If the area is accessed prior to Nov. 1, contractors will require training for mitigation. 10/26/06</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p> <p>Oxbow Junction</p>	<p>Vegetative clearing is finished in this area until ACOE permits are obtained. 10/26/06</p>	<p>Continue to leave appropriate shrubs for stabilization. 10/26/06</p>	<p>NA.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Black Walnut Dr.	Much of the vegetation in this area was non-native or invasive and has been removed as per the D&M plan. 10/26/06	Retain vegetation where possible and stabilize slopes as needed. 10/26/06	
Black Pond	Vegetation clearing is finished in this area until ACOE permits are obtained. 10/26/06	Only a small area has been cleared. Stabilize small slope with mulch when grading is complete. 10/26/06	NA
ROW, north of Beseck SS	Clearing just started in this area. Clearing will continue over the next week. Some chipping was occurring as well as some removal from site. 10/26/06	Continue to monitor cleared areas for erosion and install protections as needed. 10/26/06	Clearing has just started.
Contractor Receiving Yard and Staging Area	No clearing at this time. This site is already cleared and only grading is needed. 10/26/06	Continue to monitor and install erosion controls during grading. 10/26/06	NA
Dewatering	Dewatering is not being performed at this time. 10/26/06	None	NA
Blasting	No blasting is proposed at this time. 10/26/06	None	NA
Spills, soils and material storage	A concrete washout area was set up for use at foundation construction off Black Walnut Dr. 10/26/06	Area was fenced off and used appropriately. Continue to contain washwater. 10/26/06	Concrete washout area in place.
Contractor Receiving Yard and Staging Area	Spill controls move from site to site with the equipment. 10/26/06	Always use spill control materials when working on equipment and during refueling. Replace as needed. 10/26/06	NA
	Materials are being stored and structures staged in this area. All stored materials are located away from resource areas. 10/26/06	Continue to keep potential impact materials such as soils & fuel stored away from resource areas. 10/26/06	Materials are being stored away from resource areas.
	Workers are using a large magnet to pick up small pieces of metal at the end	Continue to remove debris (including trash) from the site regularly.	Debris is being removed regularly.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>of each day. 10/26/06</p> <p>Two refueling tanks have been brought onsite to fuel equipment. These tanks need spill kits and nozzle holsters to prevent dripping. Fuel was dripping from one nozzle during the inspection. 10/26/06</p>	<p>10/26/06</p> <p>Ensure spill controls are used during fueling. Consider installing spill control materials or containment on the ground near the tanks for added protection. Install nozzle holsters to keep them upright and prevent spills. 10/26/06</p>	<p>Needs immediate attention.</p>
<p>Additional Observations</p>	<p>NA</p>	<p>NA</p>	<p>NA</p>

Next likely scheduled inspection: Tuesday October 31, 2006

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: Matthew Creighton

Reviewer: Diana Walden, Stephen Herzog



Tracking was not noted on Oxbow Road; the roadway was cleared of sediment.



Pole installation complete at Oxbow Junction.



Completed access road off Black Walnut Dr with stormwater controls in place. A swale was installed and road slopes were temporarily stabilized with mulch.



Drilling foundations off Black Walnut Dr.



Silt fence installed at the contractor receiving yard & staging area.



Fuel was observed dripping from the nozzle of a refueling tank at the contractor yard. Controls/improved storage are needed as soon as possible.



Grading and site preparation off Route 66 (Black Pond).



Tree clearing in the ROW, north of Beseck Switching Station.