

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 31, 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 2.15” rain from 10/27 – 10/31 with 2.03” on 10/28 (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 and controls don't appear necessary for the catch basin here. 10/31/06	The new stone entrance reduces sediment tracking. Maintain and clean stone entrance as needed. 10/31/06	NA
Black Walnut Dr.	Access roadway is in place. Black Walnut Dr. was free of sediment Catch Basin (CB) inlet protection looks good. 10/31/06	Continue to clean the roadway as needed. 10/31/06	Roadway being swept as needed.
	New check dam installed and most disturbed areas have been mulched for stabilization. The stormwater controls held up very well even with the heavy rains over the weekend. 10/31/06	Monitor controls and make sure controls are effectively handling storm water and erosion. 10/31/06	New check dam was installed & mulch was spread.
Black Pond	Access road and stone pad construction is complete. Route 66 free of sediment tracking	Monitor and maintain controls as needed. 10/31/06	Tracking pad and mulch added.

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<p>ROW, North of Beseck SS</p> <p>Contractor Receiving Yard and Storage Area</p>	<p>10/31/06</p> <p>Truck traffic is using the old ROW access drive off Carpenter Lane. Area is currently being modified to connect with Beseck access drive and old access will be blocked off with a sediment trap. 10/31/06</p> <p>A line of haybales and two lines of silt fence are now in place along the new access drive above the wetland (east of Beseck). 10/31/06</p> <p>No sediment tracking onto Route 17. A new stone pad was installed at the site entrance to reduce sediment tracking. 10/31/06</p>	<p>Monitor and clean/sweep Carpenter Lane as needed. Beseck and 1A contractors will have to work together to maintain Carpenter Lane. 10/31/06</p> <p>Monitor the new controls and make sure storm water is filtering and flowing through the silt fence and not pooling and flowing along the edge of the controls. 10/31/06</p> <p>Maintain tracking pad and clean roadway if needed. 10/31/06</p>	<p>Mulch continues to prevent tracking</p> <p>Several lines of controls added. (Modify if necessary after monitoring)</p> <p>New tracking pad added.</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 complete. No new work. 10/31/06</p> <p>Access road construction and clearing finished. Foundation work continues. A slurry area was established to dry out mud from the excavation. 10/31/06</p> <p>No foundations are being installed yet. 10/31/06</p> <p>No foundations are being installed yet. 10/31/06</p>	<p>None. 10/31/06</p> <p>Slurry mud is raked and thinned so it dries. Monitor area for sedimentation and consider using silt fence to contain the area, if needed. 10/31/06</p> <p>None 10/31/06</p> <p>None 10/31/06</p>	<p>NA</p> <p>Slurry/mud pit area established.</p> <p>NA</p> <p>NA</p>

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<p>Erosion and sediment controls</p> <p>Oxbow Junction</p>	<p>The majority of the vegetation remains intact. Very little potential for soil erosion exists in this area. 10/31/06</p>	<p>Continue to selectively cut vegetation in accordance with the D&M plan. 10/31/06</p>	<p>NA.</p>
<p>Black Walnut Dr.</p>	<p>Additional mulch and water bars were installed along the new access road for storm water attenuation. 10/31/06</p> <p>Wetlands are protected by a berm, water bars, and riprap located upland of the wetlands onsite. The vegetated buffer is also being maintained. 10/31/06</p>	<p>Continue to use mulch for erosion controls. Monitor new controls and adjust or add more if needed. 10/31/06</p> <p>Maintain buffer zone, controls, and soil berm. 10/31/06</p>	<p>Mulch used on exposed slopes; controls held up well in rain.</p> <p>Existing berm, water bars, and riprap protect wetlands onsite.</p>
<p>Black Pond</p>	<p>A vegetated buffer is being used along the new access road for erosion control. The new access road was covered with stone and exposed slopes mulched. 10/31/06</p>	<p>One remaining slope should be mulched/ temporarily stabilized. 10/31/06</p>	<p>Mulch and stone added. Vegetated buffer has been left for erosion control.</p>
<p>ROW North of Beseck SS</p>	<p>Mulch is in place on the access road to prevent erosion. Sediment tracking was not noted. Two lines of silt fence on either side of a line of haybales were installed above the wetlands along the new access road. 10/31/06</p>	<p>Monitor controls closely to make sure they don't act as a dam preventing storm water from filtering and flowing through the fabric and haybales. 10/31/06</p>	<p>Additional controls installed. (Modify if necessary after monitoring)</p>
<p>Contractor Receiving Yard and Storage Area</p>	<p>Silt fence has been extended to include a recently graded area. 10/31/06</p> <p>Silt fence should be extended around the drainage ditch onsite. 10/31/06</p>	<p>Maintain silt fence along wetland buffer zone. 10/31/06</p> <p>Silt fence installation should continue to encompass the remainder of the swale, wetland area, and buffer zone. 10/31/06</p>	<p>New silt fence added.</p> <p>Needs attention</p>

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	<p>Soil stockpiles should be stored away from wetlands and catch basins onsite. 10/31/06</p> <p>Move the sanitary facilities to greater than 100-feet from the wetland resource area onsite. 10/31/06</p>	<p>If stockpiles are needed locate them away from resource areas. Stabilize stockpiles if they will be left for 14 days or more. 10/31/06</p> <p>All sanitary facilities, fuel storage, and vehicle storage should be located 100-feet or more from any resource area. 10/31/06</p>	<p>NA</p> <p>Needs attention.</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. 10/31/06</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. 10/26-10/31/06</p> <p>No encroachment at this time. 10/31/06</p>	<p>Continue to monitor wetlands and erosion controls. 10/31/06</p> <p>Disturbance was not project jurisdictional. 10/26-10/31/06</p> <p>None 10/31/06</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. 10/31/06</p> <p>Potential habitat for wood turtles is noted at Ball Brook in this section. 10/31/06</p>	<p>None 10/31/06</p> <p>Nov. 1 is the start of the dormant season, contractors will not require training for mitigation until next spring 10/31/06</p>	<p>NA</p> <p>NA</p>
<p>Vegetative clearing or stabilization</p> <p>Oxbow Junction</p> <p>Black Walnut Dr.</p>	<p>Vegetative clearing is finished in this area until ACOE permits are obtained. 10/31/06</p> <p>Much of the vegetation in this area was non-native or invasive and has been</p>	<p>Continue to leave appropriate shrubs for stabilization. 10/31/06</p> <p>Retain vegetation where possible and stabilize clones as needed</p>	<p>NA.</p> <p>NA</p>

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<p>Black Pond</p> <p>ROW, north of Beseck SS</p> <p>Contractor Receiving Yard and Staging Area</p>	<p>or invasive and has been removed as per the D&M plan. 10/31/06</p> <p>Vegetation clearing is complete in this area until ACOE permits are obtained. Exposed areas have been mulched for stabilization. 10/31/06</p> <p>Clearing continues in this area. Clearing will continue over the next week. Some chipping was occurring as well as some removal from site. 10/31/06</p> <p>No clearing at this time. This site is already cleared and only grading is needed. 10/31/06</p>	<p>slopes as needed. 10/31/06</p> <p>Only a small area has been cleared. One remaining exposed slope needs mulch. Monitor controls. 10/31/06</p> <p>Continue to monitor cleared areas for erosion and install controls as needed. 10/31/06</p> <p>Continue to monitor and install erosion controls during grading and stabilization. 10/31/06</p>	<p>Most areas were mulched.</p> <p>NA.</p> <p>NA</p>
Dewatering	<p>Dewatering is being performed off Black Walnut Dr. The foundation excavation was being dewatered into a slurry pit as well as the concrete washout water. The slurry pit was being raked in order to dry out the mud quickly. 10/31/06</p>	<p>Caution should be taken not to exceed the holding capacity of the concrete washout area or the slurry pit. Additional controls (silt fence) could be used for further containment, as concrete will prevent water from filtering through the fabric. 10/31/06</p>	<p>Contained areas are being used for dewatering.</p>
Blasting	<p>No blasting is proposed at this time. 10/31/06</p>	<p>None 10/31/06</p>	<p>NA</p>
<p>Spills, soils and material storage</p> <p>Contractor Receiving Yard and Staging Area</p>	<p>Concrete washout area installed with fencing to protect the area. Concrete washout area will also be used for dewatering from the new drill holes. 10/31/06</p> <p>Spill controls move from site to site with the equipment. 10/31/06</p> <p>Materials are being stored and structures stored in</p>	<p>Maintain washout area and safety precautions. Caution should be taken not to overwhelm the washout area when used for dewatering. See dewatering section. 10/31/06</p> <p>Always use spill control materials when working on equipment and during refueling. Replace as needed. 10/31/06</p> <p>Continue to keep potential impact materials</p>	<p>Concrete washout area installed with fencing.</p> <p>NA</p> <p>Sanitary facility needs to be moved</p>

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Black Walnut Dr.	<p>and structures staged in this area. All stored materials, except the sanitary facility, are located approx 100 ft away from resource areas. 10/31/06</p> <p>Workers are using a large magnet to pick up small pieces of metal at the end of each day. 10/31/06</p> <p>The re-fueling tanks now have an adjacent spill kit and are empty until additional containment is in place. Nozzles were upright and no longer dripping but holsters will be needed. 10/31/06</p> <p>Some materials (structure components, equipment, etc.) are being stored here. These materials are located well away from any resource areas. 10/31/06</p>	<p>potential impact materials such as soils & fuel stored away from resource areas; move the sanitary facility. 10/31/06</p> <p>Continue to remove debris (including trash) from the site regularly. 10/31/06</p> <p>Ensure spill controls are used during fueling. Continue to install additional spill containment near the tanks for proactive control. Install nozzle holsters. 10/31/06</p> <p>Continue to store materials away from resource areas.</p>	<p>to be moved.</p> <p>Debris is being removed regularly.</p> <p>A spill kit was provided and tanks are empty. Continue to install proactive containment.</p> <p>NA</p>
Additional Observations	NA	NA	NA

Next likely scheduled inspection: Tuesday November 7, 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



Pole installation complete at Oxbow Junction.



Sediment captured at the riprap sediment trap from the recently installed culvert/swale along Black Walnut Dr.



Mulch, check dam, and riprap installed at the end of the access road off Black Walnut Dr.



Slurry area from foundation drilling dewatering off Black Walnut Dr.



Silt fence installation needed above drainage ditch at the contractor receiving yard & staging area.



Fuel tanks were empty, nozzles turned up, and a spill kit was added the contractor yard until further containment can be constructed.



Mulch applied to most disturbed slopes off Route 66 (Black Pond).



Silt fence/haybale barrier along the access road adjacent to the wetland near Beseck SS.