

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: November 7, 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 0.25” rain from 11/1 – 11/7 with 0.21” on 11/2 (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. 11/7/06	The new stone entrance reduces sediment tracking. Maintain and clean stone entrance as needed. 11/7/06	Not Applicable (NA)
Haddam Quarter Rd. To Foot Hills Rd.	Access is off Haddam Quarter Rd. Tracking on the roadway was not observed and the pond adjacent to access is well protected. However, potential for erosion is present. 11/7/06	Controls are needed, i.e. mulch, check dams, and stone pad, to control potential sediment and prevent erosion. 11/7/06	Needs attention.
Black Walnut Dr.	Access road is in place. Black Walnut Dr. was free of sediment Catch Basin (CB) inlet protection looks good. 11/7/06	Continue to clean the roadway as needed. 11/7/06	Roadway being swept as needed.
	Check dam, mulch, and other stormwater controls have held up very well. 11/7/06	Monitor controls and make sure controls are effectively handling storm water and erosion. 11/7/06	NA

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>Access road and stone pad construction is complete. Route 66 is free of sediment tracking. 11/7/06</p> <p>Truck traffic is using the new ROW access connected to the existing Beseck stone entrance. A sediment trap is still needed at the outlet of the culvert. 11/7/06</p> <p>Haybales and two lines of silt fence in place along the new access drive above the wetland (east of Beseck) look good. 11/7/06</p> <p>No sediment tracking on Route 17. The stone pad at the site entrance is in good shape. 11/7/06</p>	<p>Monitor and maintain controls as needed. 11/7/06</p> <p>Monitor and clean/sweep Carpenter Lane as needed. Beseck and 1A contractors will have to work together to maintain Carpenter Lane. 11/7/06</p> <p>Monitor the 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. 11/7/06</p> <p>Maintain tracking pad and clean roadway if needed. 11/7/06</p>	<p>NA</p> <p>Tracking pad at Beseck is mostly clear of sediment.</p> <p>Several lines of controls added. (Modify if necessary after monitoring)</p> <p>New tracking pad in place.</p>
<p>Foundation and site construction</p> <p>Oxbow Junction</p> <p>Haddam Quarter Rd. to Foot Hills Rd.</p> <p>Black Walnut Dr.</p> <p>Black Pond</p> <p>North of Beseck in ROW</p>	<p>Pole installation complete. No new work. 11/7/06</p> <p>No foundations are being installed yet. Only clearing at this time. 11/7/06</p> <p>Foundation work is complete at this time. A slurry area remains here to dry out mud from the excavations. 11/7/06</p> <p>No foundations are being installed yet. 11/7/06</p> <p>No foundations are being installed yet. 11/7/06</p>	<p>None. 11/7/06</p> <p>None 11/7/06</p> <p>Slurry mud is raked and thinned so it dries. Monitor area for run-off and consider using silt fence to contain the area, if needed. 11/7/06</p> <p>None 11/7/06</p> <p>None 11/7/06</p>	<p>NA</p> <p>NA</p> <p>Slurry/mud pit area is being used.</p> <p>NA</p> <p>NA</p>

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<p>Erosion and sediment controls Oxbow Junction</p>	<p>The majority of the vegetation remains intact. Very little potential for soil erosion exists in this area. 11/7/06</p>	<p>Continue to selectively cut vegetation in accordance with the D&M plan. 11/7/06</p>	<p>NA.</p>
<p>Haddam Quarter Rd. To Foot Hills Rd.</p>	<p>Pond located at the access road entrance is protected by a natural berm. Access road has a slope with the potential for erosion. 11/7/06</p>	<p>More controls, i.e. mulch, stone entrance, check dams, etc., are needed to prevent erosion along the access road slopes and prevent sediment tracking onto Haddam Quarter Rd. 11/7/06</p>	<p>Needs attention.</p>
	<p>Small isolated wetland located in the ROW will be crossed using mats. The area appears to be non-jurisdictional. 11/7/06</p>	<p>Wetland doesn't show up on plans, but is flagged in the field. Make sure proper techniques are used to cross the wetland and use caution not to refuel or park equipment near this wetland. 11/7/06</p>	<p>Needs to be monitored.</p>
<p>Black Walnut Dr.</p>	<p>Additional mulch and water bars along the new access road are in good condition. 11/7/06</p>	<p>Continue to use mulch as an erosion control. Monitor controls and adjust or add more if needed. 11/7/06</p>	<p>NA</p>
	<p>Wetlands are protected by a berm, water bars, and riprap located upgradient. The vegetated buffer is also being maintained. 11/7/06</p>	<p>Maintain buffer zone, controls, and soil berm. 11/7/06</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 access road for erosion control. 11/7/06</p>	<p>One remaining slope should be mulched/ temporarily stabilized. 10/31-11/7/06</p>	<p>NA</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 installed above the wetlands along the</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. 11/7/06</p>	<p>Modify controls if necessary after monitoring</p>

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<p>Contractor Receiving Yard and Storage Area</p>	<p>new access road are in good condition. 11/7/06</p> <p>Silt fence around the site looks good. 11/7/06</p> <p>Silt fence was extended along the drainage ditch onsite. 11/7/06</p> <p>Soil stockpiles should be stored away from wetlands and catch basins onsite. 11/7/06</p>	<p>Maintain silt fence along wetland buffer zone. 11/7/06</p> <p>Maintain silt fence; temporarily stabilize soils in newly graded storage area. 11/7/06</p> <p>If stockpiles are needed locate them away from resource areas. Stabilize stockpiles if they will be left for 14 days or more. 11/7/06</p>	<p>NA</p> <p>Silt fence extended.</p> <p>NA</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p> <p>Haddam Quarter Rd. To Foot Hills Rd.</p>	<p>Jurisdictional wetland areas and buffers will not be accessed until the ACOE permit is in hand. 11/7/06</p> <p>The wetland buffer is also maintained at the contractor yard. 11/7/06</p> <p>Small isolated wetland finger will be crossed using mats. Area does not appear to be jurisdictional. 11/7/06</p>	<p>Continue to monitor wetlands and erosion controls. 11/7/06</p> <p>Disturbance was not project jurisdictional. 10/26-11/7/06</p> <p>Caution should be taken not to fuel or store equipment near wetlands. 11/7/06</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. 11/7/06</p> <p>Potential habitat for wood turtles is noted at Ball Brook in this section. 11/7/06</p>	<p>None. 11/7/06</p> <p>Nov. 1 is the start of the dormant season; contractors will not require training for mitigation until next spring 11/7/06</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. 11/7/06</p>	<p>None. 11/7/06</p>	<p>NA.</p>

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Haddam Quarter Rd. To Foot Hills Rd.	Clearing has just started and will continue through the week. 11/7/06	Retain vegetation where possible and stabilize slopes as needed. 11/7/06	NA
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. 11/7/06	Retain vegetation where possible and stabilize slopes as needed. 11/7/06	NA
Black Pond	Vegetation clearing is complete in this area until ACOE permits are obtained. Most exposed areas have been mulched for stabilization. 11/7/06	Only a small area has been cleared. One remaining exposed slope needs mulch. Monitor controls. 11/7/06	Most areas were mulched.
ROW, north of Beseck SS	Clearing is complete in this area. Only a small pile of logs is left to be removed from site. 11/7/06	Continue to monitor cleared areas for erosion and install controls as needed. 11/7/06	NA.
Dewatering	Dewatering off Black Walnut Dr. is complete. Excavation were dewatered into a slurry pit. The slurry pit was raked in order to dry out the mud quickly. 11/7/06	Additional controls (silt fence) could be used for further containment, as concrete will prevent water from filtering through the fabric. 11/7/06	Dewatering was contained.
Blasting	No blasting is proposed at this time. 11/7/06	None 11/7/06	NA
Spills, soils and material storage			
Black Walnut Dr.	Concrete washout area was installed; fencing is in place to protect the area. 11/7/06	Maintain washout area with safety precautions. 11/7/06	NA
	Spill controls move from site to site with the equipment. 11/7/06	Always use spill control materials when working on equipment and during refueling. Replace as needed. 11/7/06	NA
Contractor Receiving Yard and Staging Area	Materials are being stored and structures staged in this area. All stored materials are located approx. 100 ft away from	Continue to keep potential impact materials, such as soils & fuel, stored away from resource areas. 11/7/06	Sanitary facility was moved.

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<p>Black Walnut Dr.</p>	<p>resource areas. Sanitary facility was moved. 11/7/06</p> <p>Workers are using a large magnet to pick up small pieces of metal at the end of each day. 11/7/06</p> <p>A third re-fueling tank was added to the existing two. While the first two remain empty, the larger tank's nozzle was dripping fuel down the side of the tank. 11/7/06</p> <p>Some materials (structure components, equipment, etc.) are being stored here. These materials are located well away from any resource areas. 11/7/06</p>	<p>Continue to remove debris (including trash) from the site regularly. 11/7/06</p> <p>Ensure spill controls are used during fueling. Consider installing additional spill containment near the tanks even though this is not in RWA boundaries. Install nozzle holsters. 11/7/06</p> <p>Continue to store materials away from resource areas.</p>	<p>Debris is being removed regularly.</p> <p>Continue to install proactive containment. Needs attention.</p> <p>NA</p>
<p>Additional Observations</p>	<p>NA</p>	<p>NA</p>	<p>NA</p>

Next likely scheduled inspection: Tuesday November 14, 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.



View of the recently installed swale and riprap sediment trap along the access road off Black Walnut Dr.



Slurry storage and drying area from foundation drilling/dewatering off Black Walnut Dr.



Non-jurisdictional wetland crossing area in the access road off Haddam Quarter Rd.



Silt fence was installed along the drainage ditch at the contractor receiving yard & staging area.



Another fuel tank was being stored at the contractor yard. It was dripping gas along the side with the nozzle facing downward. Consider placing tanks on a liner or similar containment.



Cleared area north of Beseck SS.



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