

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company’s Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** June 24, 2004

**Inspector:** Diana Walden

**Location:** Norwalk Substation Expansion

**Storm/  
Rain Event** Approx. 0.12” of rain fell on 6/22 with no other rain since the last inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> <li>- Access roads are drying out and are still completely accessible. 6/24/04</li> <li>-New Canaan Avenue is still free of tracked sediment 4/28-6/24/04</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. Continue to monitor. 6/24/04</li> <li>- None at this time. Continue to monitor. 6/24/04</li> </ul>
Foundation construction	<ul style="list-style-type: none"> <li>- Work on the control house is ongoing and walls are under construction. 6/18-6/24/04</li> <li>- Work continues on the retaining walls including retaining wall #3 up near the control building. 6/24/04</li> <li>- Manholes/catch basin structures are being installed west of the end of the access road. 6/24/04</li> <li>- Old equipment have been removed from the yard and the fence has been moved back to enclosed the electrified areas. 6/24/04</li> </ul>	<ul style="list-style-type: none"> <li>- The areas are well contained at this time. 6/24/04</li> </ul>

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>- The silt fence remains in good shape. The portion removed for work on the overflow channel was replaced but another area is down in order to install a guy wire. 6/24/04</p>	<p>- Continue to be proactive in silt fence repair and maintenance.  - This area of silt fence will be restored 6/24/04</p>
	<p>- The hydroseeded area below the Route 7 ramp and above wall #4 is vegetating but is still fairly sparse. The regular seed area appears to have done better. 6/10-6/24/04.</p>	<p>- Continue to monitor growth of vegetation and if needed, additional seed should be added. The haybale at the catch basin inlet can be removed once this area is stabilized. 6/24/04</p>
	<p>- The concrete washout station has been removed due to changing site conditions but another will be built before concrete work is necessary next week . 6/24/04</p>	<p>- The main objective is to keep all washout water from resource areas and storm drains. The location of the washout should reflect this and it will likely be placed up on the slope below the Rt7 ramp. 6/24/04</p>
	<p>- The topsoil stockpile remains well contained along the retaining wall and fill activities continue to the east of wall #2. 6/24/04</p>	<p>- The pile will continue to be used where necessary in areas to be grassed in the future and all soil is well contained. 6/24/04</p>
	<p>- Excavation continued within the old sediment basin in order to construct the overflow channel. The meandering channel in the center has also been started. 6/24/04</p>	<p>- The channel has not been extended to the river at this time and it was stable and contained. 6/18-6/24/04</p>
	<p>- The sheet piling cofferdam was installed with little disturbance to the dry portion of the stream bed. 6/24/04</p>	<p>- There is no flow in this area at the time and it is likely the overflow channel can be connected to this area in dry conditions 6/24/04</p>

Areas of Inspection	Observation	Recommended Action
	<p>- Grass continues to grow and revegetate the repaired area below wall #5. 6/24/04</p>	<p>-Continue to monitor for sufficient vegetative growth and future stabilization. 6/10-6/24/04</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- The silt fence is still well in place along the river. The piece removed for the guy wire installation should be replaced. 6/24/04</p> <p>- The overflow channel is under construction at this time and some area are at grade and holding water, but it has not been extended to the river yet. Cobblestones and a liner will be installed, and the center swale is under construction as well. 6/24/04</p> <p>- A sheet piling cofferdam has been installed in the dry, natural channel bed area near the waters edge and there is no flow in this area at this time. 6/24/04</p> <p>- A guy wire was installed to provide support to a pole located near the overflow channel excavation. The anchor was placed on the river side of the silt fence. 6/24/04</p> <p>-The pump has been brought back into the yard and was pulling water from the overflow channel for soil compaction. 6/24/04</p> <p>- The grate for the existing outlet on wall #5 has arrived and will be installed soon 6/24/04</p>	<p>- Continue to monitor silt fence and repair as necessary, especially in portions closest to the river.</p> <p>- The area is well under control with little disturbed soil. It is likely that the connection to the river will occur in completely dry conditions within 1-2 weeks. The channel is holding some water as the water table elevations were reached. 6/24/04</p> <p>- The anchor required little disturbance and will remain until the temporary pole/line is removed. 6/24/04</p>

Areas of Inspection	Observation	Recommended Action
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- The recently repaired scoured area below wall #5 is experiencing growth of grass cover. 6/10-6/24/04</p> <p>-Natural vegetation continues establish very well along the riverbank, on both sides of the silt fence. 6/24/04</p> <p>- Some minor amounts of vegetation will be cleared to accommodate the overflow channel at the river. 6/24/04</p>	<p>- The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-6/24/04</p> <p>- If any areas still look sparse, some seed could be scattered. 6/24/04</p> <p>- This was kept to the lowest amount feasible. 6/24/04</p>
Dewatering	- Dewatering activities are complete at this time.	-No actions required at this time.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	<p>- No spills were reported this week. 6/24/04</p> <p>- The oil drips along the access road were picked up and were not noted again at this inspection. 6/24/04</p> <p>A few spots were noted near some on site vehicles and this soil will also be picked up. 6/24/04</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>





The excavation has continued within the sediment basin to create the overflow channel. All areas are well contained at this time. 6/24/04



View along wall #5 where the previously scoured area was located. Vegetative growth continues to come in well following the repairs. 6/24/04



The center meandering channel is being excavated within the main overflow channel at this time. 6/24/04



View of the end of the overflow channel at this time. The channel has not been connected to the river yet and conditions will likely remain dry during this activity. 6/24/04



View of the sheet piling cofferdam which was installed in a dry portion of the streambed. The sheet piling was well installed with as little disturbance as possible. 6/24/04



Area where the guy wire and anchor had to be installed to provide resistance for the temporary pole. The silt fence will be replaced in this area. 6/24/04