

**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:** January 15, 2004

**Inspector:** Diana Walden

**Location:** Norwalk Substation Expansion

**Storm/  
Rain Event** Traces of precipitation over past week. Approximately 4" of snow on 1/15

Areas of Inspection	Observation	Recommended Action
Access Roads	<p>- The access road leading from the Route 7 ramp to New Canaan Ave appears stable. The ground at the substation yard was snow covered but the access road and stone pads are in place. Sand for road traction is stockpiled and covered with a tarp. 1/15/04</p> <p>- Extreme freezing conditions have continued to stabilize the entire yard and existing access road and ROW. 1/15/04</p>	<p>- None at this time. Continue to monitor. 1/15/04</p> <p>- None at this time. Watch the area when thawing occurs and determine whether timber mats should be used. 1/15/04</p>
Foundation construction	<p>- The caissons remain as preparations to install the poles are underway. 1/15/04</p> <p>- Some precast foundations have been installed in the substation yard. The area is stabilized. 1/15/04</p>	<p>- Continue to monitor any potential impacts to the silt fence during work on the poles. Areas of strain on the fence have been repaired. 1/15/04</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>- Several inches of snow now cover the site but everything is still well controlled at this time. 1/15/04</p>	<p>- Overall the site continues to do well with no significant sedimentation or erosion issues. 1/15/04</p>
	<p>- Silt fence remains well in place and is effectively preventing sediment from entering the river. During the week, a boulder had fallen off the stockpile and damaged the silt fence but it was immediately repaired. 1/15/04</p>	<p>- Continue to monitor and maintain as needed. Some spots are very close to the river and will require the most monitoring. Keep up with silt fence repair as needed and be proactive 1/15/04</p>
	<p>- Topsoil is being stockpiled in large amounts and is contained by the outer barrier of silt fence at this time. 1/15/04</p>	<p>- The status of the stockpile and the weather will be monitored carefully in the next few months. A second barrier of silt fence should be placed at the toe of the pile at a feasible opportunity between now and a time when thawing begins to occur and rains are forecasted. Portions of the pile may have been utilized by this time. 1/15/04</p>
	<p>- The gravel tracking pad and haybale check dam are still in place at the swale in addition to the continuous silt fence barrier. 1/15/04</p>	<p>- Continue to monitor and install clean rock when necessary. 1/15/04</p>
	<p>- No tracking of sediment was observed on New Canaan Ave or off the access road. 1/15/04</p>	<p>- Continue to monitor and install clean rock in the pads when necessary. 1/15/04</p>

Areas of Inspection	Observation	Recommended Action
	<ul style="list-style-type: none"> <li>- The temporary sediment basin which will eventually become the overflow channel, is further along in excavation. It is estimated to be completed early next week. 1/15/04</li> <li>- A riprap/stone inlet swale was completed at the base of the stockpile to direct runoff into the sediment basin. 1/15/04</li> </ul>	<ul style="list-style-type: none"> <li>- Once the basin is in use, monitor outlets for any sediment laden flows 1/15/04</li> <li>- The inlet swale is well constructed. No recommendations at this time 1/15/04</li> </ul>
	<ul style="list-style-type: none"> <li>- A new stone berm was placed within the silt fence along portions of the river for future stabilization. 1/15/04</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. When all work activities are completed in the future, final stabilization of areas close to the riverbank will need to be determined. 1/15/04</li> </ul>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<ul style="list-style-type: none"> <li>- The silt fence remains in place and work continues on the excavation of the temporary sediment basin. 1/15/04</li> <li>- Wetland boundary signs were placed along the flagged wetland edge. 1/15/04</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor and maintain silt fence as necessary and watch the basin outlets when they are developed. 1/15/04</li> <li>- There are no signs of any sediment beyond the silt fence barrier or within the river. 1/15/04</li> </ul>
<p>State species of concern, threatened and endangered species</p>	<ul style="list-style-type: none"> <li>- No species of concern are located in this area of construction 1/15/04</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<ul style="list-style-type: none"> <li>- No additional clearing has occurred although work is ongoing in cleared areas. 1/15/04</li> <li>- As stated previously, wetland boundary signs have been placed along the edge of the flagged wetlands. 1/15/04</li> </ul>	<ul style="list-style-type: none"> <li>- The areas near the river still appear stable. There is no erosion on the banks or sedimentation to the water. 1/15/04</li> <li>- The more vegetation left in place, the more stable the bank will be. 1/15/04</li> </ul>

Areas of Inspection	Observation	Recommended Action
Dewatering	_ No dewatering activities are occurring at this time 1/15/04	- None at this time 1/15/04
Blasting	- No blasting is occurring on site at this time 1/15/04	- None at this time 1/15/04
Spills	- No spills were reported during the past week or were observed during the inspection. 1/15/04	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area 1/15/04</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. 1/15/04</p> <p>- The practice of using “diapers” is highly encouraged for any vehicle or equipment with a known leak. 1/15/04</p>
Additional/Miscellaneous Observations	<p>- If any plowing is necessary, snow will remain on the work side of the silt fence and will not be deposited closer to the river 1/15/04</p> <p>- Excavation of the contaminated soil has not yet commenced. The activities are pending paperwork from Massachusetts DEP for disposal. This may occur next week or the week after. 1/15/04</p>	

**Next likely scheduled inspection:**

Thursday January 22, 2004

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.

**Inspector's Signature:**           *Diana L. Walden*



WETLAND BOUNDARY SIGNS WERE PLACED ALONG THE FLAGGED EDGE  
OF THE WETLAND RESOURCE AREA. NOTED 1/15/04



VIEW OF A NEWLY INSTALLED (SNOW COVERED) STONE BERM NEAR THE NORWALK RIVER. THE BERM WILL HELP TO STABILIZE AREAS NEAR THE BANK UNTIL SITE COMPLETION. 1/15/04



VIEW OF THE CONTINUING EXCAVATION FOR THE TEMPORARY SEDIMENT BASIN. THE BASIN IS ANTICIPATED FOR COMPLETION EARLY NEXT WEEK.

1/15/04



VIEW OF STONE SWALE WHICH WILL DIRECT DRAINAGE TO THE  
SEDIMENT BASIN. THE SWALE IS LOCATED NEAR THE BASE OF THE  
TOPSOIL STOCKPILE. 1/15/04



VIEW OF THE BACK OF THE TOPSOIL STOCKPILE ADJACENT TO THE PERIMETER SILT FENCE. A SECOND SILT FENCE IS RECOMMENDED FOR INSTALLATION AT THE BASE OF THE STOCKPILE PRIOR TO ANY THAWING TRENDS OR RAIN EVENTS. 1/15/04