

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: July 21-22, 2005

Inspector: Diana Walden

Location: 345 kV Underground Route

Storm/

Rain Event: The area received a localized storm of 2.94" on 7/18 based on reports from Danbury and posted by NOAA. Other areas may have received as little as 0.21".

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<ul style="list-style-type: none"> - Trenching, pipe installation, and sawcutting operations were ongoing along Rt. 7 in Wilton during the night and BSC was available to view the active work. 7/22/05 - Trenching and pipe installation continued in several locations along Rt. 107 south of the Umpawaug Rd. area. 7/22/05 - Correction: Actual vault installation has not yet occurred near the Rt. 107 and Rt. 7 intersection. 7/22/05 	<ul style="list-style-type: none"> -All work has been in the roadway and seems well contained for the most part. See erosion control sections for specific recommendations. 7/22/05
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - Most areas of silt fence remain installed in the areas of active work along Rt. 7 and Rt. 107. 7/22/05 - The spot which has been signaled in previous reports, located to the south of the equipment storage yard (along Rt. 7) has been repaired by placing a second row of silt fence behind the first in the area of the drain. This had been repaired previously but was difficult to see. 7/22/05 	<ul style="list-style-type: none"> - Continue to monitor and maintain and repair the fence when necessary. 6/09-7/22/05 - Continue to monitor and repair fence when necessary in this spot since this area includes a curb cut where slurry muds or sediment could reach the wetlands. 7/22/05

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment Controls (continued)</p>	<p>-Several pieces of wood/debris had been left against and beyond the area of silt fence. 6/29-7/22/05</p>	<p>-Practice appropriate “housekeeping” and be sure to remove any left over debris from work areas. 6/29-7/22/05</p>
	<p>- During the night inspection, slurry muds from the sawcutting operations were observed flowing down the roadway grade for several hundred feet and eventually reaching an unprotected catch basin. 7/22/05</p> <p>- Catch basins should also be cleaned regularly of sediment attributed to the project. 7/22/05</p>	<p>- Contractors were notified about the muds and all catch basins in the vicinity of sawcutting will be protected with filter fabric. 7/22/05</p> <p>- Street sweeping is occurring by hand with push brooms but power sweeping equipment is being obtained for larger areas. 7/22/05</p> <p>- As the slurry tends to travel downgradient for quite a distance from the work area, it should be determined when catch basins beyond the immediate vicinity of the work need to be covered. 7/22/05</p>
<p>Adjacent Wetlands and Waterways</p>	<p>-It appears that none of the wetland resource areas adjacent to the roadway work have been affected by the activities. No sedimentation or turbidity was noted. 7/22/05</p>	<p>-None at this time. Continue to monitor. Keep all slurry muds from reaching catch basins as they may outlet to wetlands and streams. 7/22/05</p>
<p>Staging, Storage, and Parking Areas</p>	<p>- Another storage and staging yard for equipment and constructing trench materials has been identified along Rt. 7. It appears to be in good repair. 7/22/05</p> <p>- The equipment storage yard located on property off Rt. 7, south of the Rt 107 and 7 intersection still appears to be in good shape and equipment continues to be placed here. 6/09-7/22/05</p> <p>- All equipment had been pulled back to appropriate parking areas away from wetlands. 7/6-7/22/05</p>	<p>-None at this time. 7/22/05</p> <p>- In general, equipment should not be left above or adjacent to wetlands during inactive hours. 7/22/05</p>

Areas of Inspection	Observation	Recommended Action
	<p>-The storage/parking area in the lot of the Methodist Church was also being used and is in good repair. 6/22-7/22/05</p>	
<p>Soils</p>	<p>- The soils in the area of Umpawaug Road are considered background polluted and were being trucked to a waste facility in Danbury for storage. However, any soils from the work in Redding which meet the RSR levels can now be used in the landfill as daily cover. 7/14-7/22/05</p> <p>- Almost all soils along Rt. 7 are either contaminated or background polluted. They are being sent to Danbury for temporary storage and another facility for appropriate disposal. 7/22/05</p>	<p>- Soils appear to be handled appropriately. 7/22/05</p>
<p>State species of concern, threatened and endangered species</p>	<p>- No species of concern are located in this area of construction.</p>	<p>- N/A</p>
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<p>-No significant clearing appeared to be necessary at this time. Some minor ground cover disturbance was necessary in a few locations 7/22/05</p>	<p>- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 7/22/05</p> <p>- According to the D&M plan, areas that are disturbed but will not be worked in for over 21 days should be temporarily stabilized/reseeded after 7-14 days. Restoration crews should be attending these areas prior to the deadline.</p>
<p>Dewatering</p>	<p>-Dewatering that occurs along Rt. 107 and Rt. 7 is being directed to a frac tank truck. Most of the water is coming from soils that are considered contaminated and cannot be discharged to the ground due to the pollutant levels in the</p>	<p>- NU is working on this issue internally and with towns to make a final decision but it appears the frac tank method will continue. It could be determined whether the watershed basin is stressed due to removal of the</p>

Areas of Inspection	Observation	Recommended Action
	area. - However, it should be determined whether water from background polluted soils is safe to be discharged to the area for recharge of the water table. 7/22/05	groundwater. 7/22/05 -Keep all dewatering from clean soils directed to haybales/corrals as proposed. Do not allow unfiltered water to discharge directly to wetlands, streams or catch basins.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills and Material Storage	- No spills or leaks were observed during the inspection. 7/22/05	- The contractors should remain vigilant about securing and handling fuel containers. - 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 and keep spill kits on hand. - Report spills immediately, even if they are being controlled.
Additional Observations		

Next likely scheduled inspection:

Thursday, July 28, 2005

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 Walden



345kV (Rt. 7 Wilton) View of the nightwork trenching in the roadway of Rt. 7 to place pipe. (7/22/05)



View of the pipe installed in the trench along Rt. 7. (7/21/05)



The silt fence which had been signaled for repair in recent reports has been reinforced with a second piece of fence. (7/22/05)



Slurry muds from sawcutting operations on Rt. 7 had traveled hundreds of feet from the construction down a hill to an unprotected catch basin. (7/22/05)