

**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 26, 2006

**Inspector:** Ann Schwenger

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** Between 0.55-1.53” of rain was recorded over 7/21-7/22 with possibly higher localized totals as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Most work areas along Rt. 7 are being restored but a few bare areas remain. 7/26/06	- Continue providing good “house- keeping” along the roadways. Full restoration will be required when work is completed. 2/2-7/26/06	-Restoration continues at this time.
	-A number of vaults continue to be accessed along portions of the route for internal work (pulling/splicing cable). This includes the Georgetown Deli parking area. 7/26/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-7/26/06	-N/A
	- Active work continues along a few locations along Rt 7 and at the Rt 107 intersection. 7/26/06	- It should be confirmed that catch basins in the area have controls. See erosion control section. 7/26/06	- Needs attention if not already addressed.
	- Trenching and pipe installation was occurring at the new HDD site in Georgetown to connect the system. Large stockpiles remain here. 7/26/06	- Continue to monitor the area and see erosion control section for more information. 7/26/06	- N/A
	- The exit point for the HDD is located at Church St. Work is ongoing here.	- None at this time. Ensure all soil remains contained during any	- N/A at this time

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	7/5-7/26/06	additional trenching. 7/26/06	
<p>Erosion and Sediment (E&amp;S) Controls</p> <p><b>Route 7</b></p>	<p>- Grass growth appears to have slowed at the high school J&amp;B and north towards Allen's Meadow due to the weather 7/26/06</p> <p>- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Silt fence (prohibiting access) was down at the paved drive. 7/26/06</p> <p>- Vegetative cover is not establishing as quickly in the mulched area to the east as the expectation was that wetland species would return naturally. 7/19-7/26/06</p> <p>-The channel still looks good following the sediment removal with fairly clear standing water and aquatic vegetation. 7/26/06</p> <p>- The silt fence near the swale on Old Danbury Rd. remains in place. There are several stockpiles in place upgradient here. 7/19-7/26/06</p> <p>- The HDD exit point and adjacent area continues to stabilize. 7/26/06</p> <p>- The vault at Wilton Corp Park did not have active work at the time. 7/26/06</p>	<p>- Continue to monitor as grass is patchy but seems stable for the most part. 7/26/06</p> <p>- The site looks well restored. Continue to monitor for stabilization and repair fence to prevent vehicle access. 7/26/06</p> <p>- Continue to monitor for vegetative cover. Repair and reinforce the controls to avoid the fence getting pushed down if not already done. 7/26/06</p> <p>- Continue to monitor for final stabilization. 7/5-7/26/06</p> <p>-Grade and restore the area as soon as possible to remove the potential for erosion. 7/19-7/26/06 Also consider removing accumulated sediment in the swale. 7/12-7/26/06</p> <p>-Continue to monitor for stabilization. 7/5-7/26/06</p> <p>-The vault area will need to be restored when access needs are complete. 6/20-7/26/06</p>	<p>- N/A</p> <p>-Needs attention</p> <p>-Needs attention if not already done</p> <p>-N/A at this time.</p> <p>-Silt fence was repaired.</p> <p>- The contractor is going to discuss concerns with the landowner</p> <p>-Restore when access is complete</p>
	- Landowner activities near the storage area near #848	-The sediment placement and landowner activities	-N/A



Areas of Inspection	Observation	Recommended Action	Corrective Action
	occurring somewhat slowly in the naturally restoring area 7/26/06	controls if needed- see erosion control section. 7/26/06	
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> <li>- The equipment storage yard on the property south of the Rt. 7 &amp; 107 intersection was mostly contained. 1/26-7/26/06</li> <li>- Disturbance is mostly due to landowner activities. 3/15-7/26/06</li> <li>- Some efforts to straighten up the area were noted. It is still being actively used for parking and storage. 7/19-7/26/06</li> <li>- The storage area along Rt 7 across from Old Highway Rd is still in use. 7/62/06</li> <li>- The racquet club storage yard has a pile of sandbags and other equipment stored here. Stormwater had been seen running to the swale on site. 6/7-7/26/06</li> <li>- Equipment and materials are also being stored off Rt 7 before the Rt 33 turn. 6/14-7/26/06</li> </ul>	<ul style="list-style-type: none"> <li>- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas.</li> <li>- Even though this is an active site, provide good housekeeping when feasible. 5/4-7/26/06</li> <li>- The area is fairly well contained but control disturbed soil if necessary. Continue good housekeeping here. 7/26/06</li> <li>- Install haybales at the culvert within the swale in an attempt to filter runoff. 2/2-7/26/06</li> <li>- Keep areas contained and avoid encroachment into the tree line 6/14-7/26/06</li> </ul>	<ul style="list-style-type: none"> <li>-N/A at this time</li> <li>-May need attention</li> <li>- Needs attention</li> <li>-Continue to monitor</li> </ul>
Soils	<ul style="list-style-type: none"> <li>- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.</li> <li>- A few stockpiles were noted near Old Danbury Rd. 7/12-7/26/06</li> <li>- Occasionally, small piles</li> </ul>	<ul style="list-style-type: none"> <li>- Soils appear to be handled appropriately. 7/62/06</li> <li>- Continue to make sure any stockpiles are backfilled to the trench by the end of each day. 2/2-7/26/06</li> <li>- Grade and restore as soon as feasible to reduce potential of erosion. 7/12-7/26/06</li> </ul>	<ul style="list-style-type: none"> <li>N/A at this time</li> <li>- Needs attention</li> </ul>

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	of topsoil were noted along the route in preparation for restoration. 7/5-7/26/06	- Make sure controls are placed at the piles when present. 7/5-7/26/06	- Needs attention when feasible
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The restoration efforts (seeding and mulching) in several locations along Rt 7 including HDD resulted in good grass cover but growth is slowing due to the weather 7/26/06</p> <p>-An area at #140 Umpawaug Rd. was restored. 7/26/06</p> <p>- New growth continues at the mats near Georgetown Deli. 7/26/06</p> <p>- Some restoration was noted along Rt 7 near Ring's End lumber. 7/5-7/26/06</p>	<p>-Continue restoration: and monitor areas for suitable growth. 7/26/06.</p> <p>-Continue to restore where necessary at any vault access 5/10-7/26/06</p> <p>-Continue to monitor for final stabilization. 7/26/06</p> <p>- Continue to monitor. 7/26/06</p>	<p>N/A at this time</p> <p>- One area was restored</p> <p>- N/A</p> <p>- N/A</p>
Dewatering	<p>- Dewatering had been occurring at the new HDD. Any water with sediment is being directed to a frac tank. 7/5-7/26/06</p> <p>-Groundwater here has been laboratory tested and is within permit criteria for discharge. 7/12-7/26/06</p>	<p>- Continue to provide controls and keep silt controlled. 7/26/06</p> <p>- Continue to be diligent about testing the water in this area prior to release 7/26/06</p>	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 7/26/06	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid</p>	-N/A

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		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	- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-7/26/06  - The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26/06	-Continue to monitor and attempt to keep establishment from occurring in new areas.  - The contractor will be speaking to the landowner 7/26/06	- Was being addressed.

**Next likely scheduled inspection:** Thursday, August 3, 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.

**Inspector's Signature:** Diana Walden for Ann Schwenger



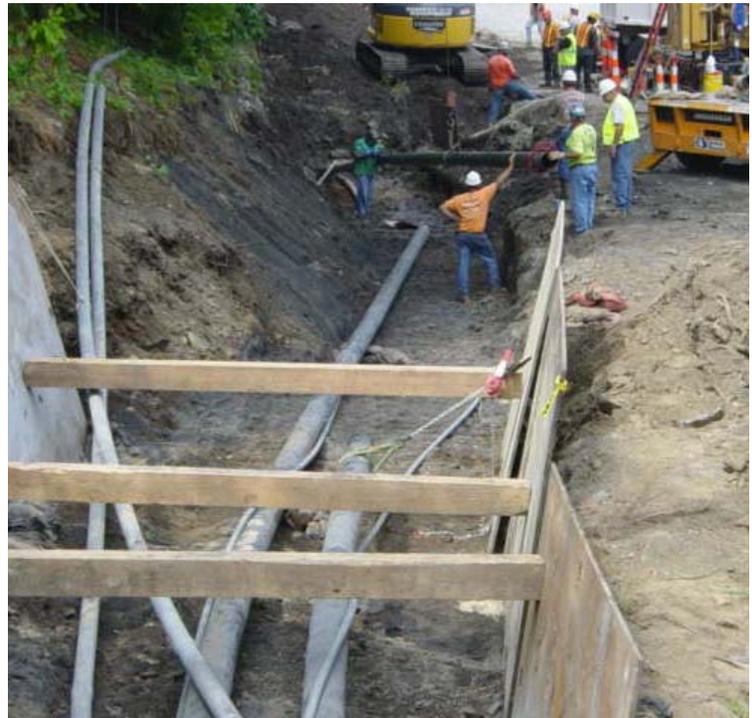
345kV (Old Danbury Rd) Photo on the left shows the silt fence remaining in place at the swale here. Photo on the right shows the erosion control mats in place. Stockpiles remain upgradient of the controls. 7/26/06



(School Rd HDD) Photo on the left shows the grass growth continuing within the restored HDD site. Photo on the right shows where the fencing should be repaired in order to keep any vehicles off the grass. 7/26/06



(Route 7) Photo on the left shows an overview of the restored Wilton HS J&B. This area is mostly stabilized but the weather may have affected continued grass growth. Photo on the right shows the storage area near the Rt 7/107 intersection. 7/26/06



(Georgetown Deli): Photo on the left shows successful vegetation along the restored streambank. Photo on the right shows the trenchwork to connect the system at the Georgetown HDD site. 7/26/06