

**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:** September 29, 2006

**Inspector:** Diana Walden, Lee Curtis, BSC Group

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** No recent precipitation data was available from NOAA at the time of inspection. Reporting appears to have been interrupted and incomplete for the month of September.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	<p>- Most work areas along Rt. 7 have been restored but a few bare areas remain or have not re-vegetated as well as expected. This includes in front of the tennis courts at Wilton High 8/24-9/29/06</p> <p>-Some vaults may continue to require internal access. The line is scheduled to be energized soon. 9/29/06</p> <p>- Clearing was underway for a construction project on Rt 7. This was unrelated to the 345kV project but affected areas previously monitored under this report. 9/29/06</p>	<p>- Full restoration will be required when work is completed. 2/2-9/29/06</p> <p>- Topsoil, seed and mulch will be needed here. Fall seeding should generally be completed by Oct 15. 8/24-9/29/06</p> <p>- Include these areas as part of the restoration efforts when access is complete. 4/12-9/29/06</p> <p>-These areas were mostly stabilized by 345kV contractors prior to this work and will no longer be inspected. 9/29/06</p>	<p>-Needs attention (near Wilton HS tennis courts) unless the Rt 7 project will affect this location.</p> <p>-Needs attention when feasible</p> <p>- N/A</p>
Erosion and Sediment (E&S) Controls	<p>- Grass growth appears to have slowed at the high school J&amp;B due to the weather 7/26-9/29/06</p> <p>- At the School Rd. old HDD, the parking lot has been constructed for the unrelated Rt 7 DOT project. Adjacent clearing was also noted. 9/29/06</p>	<p>- Continue to monitor as grass is patchy but seems stable for the most part. 7/26-9/29/06</p> <p>- Maintenance of the erosion controls here will now be the responsibility of the current, unrelated project. 9/29/06</p>	<p>- N/A</p> <p>-The 345kV project left the area stabilized. It is now under different jurisdiction.</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
<p>Erosion and Sediment (E&amp;S) Controls</p> <p><b>Route 7</b></p>	<p>- A large bare soil area remains near the Wilton HS tennis courts. Previous attempts had been made to restore the area but were unsuccessful. 8/30-9/29/06</p> <p>- Adjacent clearing was noted at Old Danbury Rd. for the unrelated Rt 7 DOT project. 9/29/06</p> <p>- The vault area at Wilton Corp Park was temporarily restored but access created new tracks in the soil. 8/30-9/29/06</p>	<p>- This area will likely be disturbed soon by the Rt 7 project. If not, 345kV contractors should restore the area. Fall seeding should generally be completed by Oct 15. 8/30-9/29/06</p> <p>- Maintenance of the erosion controls here will now be the responsibility of the current, unrelated project and will no longer be inspected. 9/29/06</p> <p>-Restore as necessary and monitor for final stabilization. 8/30-9/29/06</p>	<p>- Needs attention when feasible unless the Rt 7 project will affect this location.</p> <p>-The 345kV project left the area mostly stabilized. It is now under different jurisdiction.</p> <p>-Needs attention when feasible</p>
<p><b>Rt. 107</b></p>	<p>- Restored areas at the storage area near #848 (Rt.7) continue to show grass growth. 9/29/06</p> <p>- Catch basins near the Rt. 107 &amp; 7 intersection do not have filters/ controls in place. Some disturbed soil is present although portions have been restored. 7/12-9/29/06</p> <p>- At the Georgetown Deli J&amp;B, all restored streambanks appear stabilized. 9/29/06</p> <p>- At the Georgetown HDD site (Gilbert &amp; Bennett lot), the slope where the trenching had occurred was graded but did not appear to have been seeded yet. Good controls are in place. 8/9-9/29/06</p> <p>-A recently loamed and</p>	<p>-Area appears to be stabilized and returned to the landowner. 9/22-9/29/06</p> <p>- Finalize restoration of the island when access is complete. 4/6-9/29/06</p> <p>-None. This area can be removed from the inspection. 9/29/06</p> <p>- Seeding and mulching needs to occur. 8/9-9/29/06 Generally, guidelines state that fall seeding should be completed by Oct 15<sup>th</sup>.</p> <p>- None at this time.</p>	<p>-Area is stable</p> <p>- Needs attention when feasible unless the Rt 7 project will affect this location.</p> <p>-Banks appear stable</p> <p>- Needs to be seeded.</p> <p>- N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment (E&S) Controls continued	seeded area along Rt 107, north of the Deli was disturbed by additional utility work but did not appear to be causing sedimentation problems. 9/29/06	9/29/06	
Adjacent Wetlands and Waterways	- No resource areas are affected by the 345kV project work. 9/29/06	-None 9/29/06	- N/A
Staging, Storage, and Parking Areas	<p>- Restored areas in the storage yard on the property south of the Rt. 7 &amp; 107 continue to show grass growth. 9/13-9/29/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd was being graded and demobilized. 8/30-9/29/06</p> <p>- The racquet club storage yard has a pile of sandbags and other equipment stored here. This area is still highly utilized with ruts in the soil surface and an unprotected swale. 9/13-9/29/06</p>	<p>- The area appears stable and returned to the landowner and can be removed from the report. 9/29/06.</p> <p>-Restore, seed and mulch when feasible. 8/30-9/29/06 Generally, guidelines state that fall seeding should be completed by Oct 15<sup>th</sup>.</p> <p>- Install haybales at the culvert within the swale in an attempt to filter runoff. 2/2-9/29/06</p> <p>Restore/ stabilize area when feasible. 9/13-9/29/06</p>	<p>-The area appears stable.</p> <p>- Needs attention when feasible</p> <p>- Needs attention</p>
Soils	- Topsoil is stockpiled and stabilized at the contractor trailer yard off Rt 7.	- Soils appear to be handled appropriately. 9/29/06	-N/A
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)	-The restoration efforts (seeding and mulching) in most locations resulted in good grass cover. There is a need to return for final stabilization in some accessed vault areas. 9/13-	<p>-Continue restoration: and monitor areas for suitable growth. 9/13-9/29/06.</p> <p>Restore areas that recent access have disturbed again as well. 8/30-</p>	Needs attention when feasible

Areas of Inspection	Observation	Recommended Action	Corrective Action
	9/29/06 - The slope along the Gilbert & Bennett lot where the HDD occurred still needs to be seeded and mulched. 8/9-9/29/06	9/29/06 - Restore and stabilize the slope. 8/9-9/29/06 Generally, guidelines state that fall seeding should be completed by Oct 15 <sup>th</sup> .	- Needs attention
Dewatering	- No dewatering was noted at this time. 9/29/06	-None at this time. 9/29/06	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	-No spills or drips were noted along the project route. Equipment is limited. 9/29/06	- 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.	- Good proactive controls were used.
Additional Observations	- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-9/29/06	- The contractor will be speaking to the landowner. 9/29/06	- Was being addressed.

**Next likely scheduled inspection:** Wednesday, October 4, 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, Lee Curtis, BSC Group



345kV: Photo on the left shows the clearing occurring near the Old Danbury Rd area. This is part of the work on Rt 7 and unrelated to the 345kV project. Photo on the right shows a view of the swale and erosion controls in this area. The controls in this area are no longer the responsibility of 345kV contractors. 9/29/06



Both photos show clearing and disturbance related to the work on Rt 7. This is unrelated to the 345kV project and is adjacent to the old HDD site off School Rd. 9/29/06



Photo on the left shows a view of the old HDD where a parking lot for the Rt 7 construction project is in place. It will be the responsibility of that project to keep erosion controls secure in the future. Photo on the right shows the contractor storage area near Four Seasons racquet club. This area is still heavily utilized. 9/29/06



Photo on the left shows the Rt 107/7 intersection. Some areas have been seeded/mulched but final restoration is still required. Photo on the right shows a view of the silt fence installed at the Gilbert & Bennett lot. Seed and mulch are still needed here along the slope. 9/29/06