

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 29, 2006

Inspector: Ann Schwenger

Location: 345kV Underground Route

Storm/

Rain Event: Between 1.17-2.20” of rain was recorded over 6/23-6/26 with another 0.45-1.89” over 6/28-6/29 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	<ul style="list-style-type: none"> - Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-6/29/06 -Restoration continues this week. 6/20-6/29/06 - The School Rd HDD site has been restored and grass growth is beginning here. Adjacent wetland areas were restored. 6/29/06 - Materials remain near the exit point of the bore. 6/20-6/29/06 -A number of vaults continue to be accessed along other portions of the route for internal work (pulling/splicing cable). 4/12-6/29/06 - Active work continues north of the access drive of Norwalk Junction and along Rt 7, including up past the turn. This includes sawcutting, vaults and trenchwork.. 5/31-6/29/06 	<ul style="list-style-type: none"> - Continue providing good “house- keeping” along the roadways. Full restoration will be required when work is completed. 2/2-6/29/06 - Continue to monitor for final stabilization. 6/29/06 - See erosion control section for more details. 6/20-6/29/06 - Include these areas as part of the restoration efforts when access is complete. 4/12-6/29/06 - It should be confirmed that catch basins along Rt 7 have controls. See erosion control section. 6/29/06 	<ul style="list-style-type: none"> -Restoration continues at this time. - Good controls remain in place and grass is growing. - See erosion control section -N/A - Needs attention if not already restored.

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	<p>- Drilling equipment is in place at the new HDD site in Georgetown and boring within the excavated pit is ongoing. 6/29/06</p>	<p>- A bermed asphalt pad remains in place to contain equipment in the reclamation site. Continue to monitor the area. 6/14-6/29/06</p>	<p>- Erosion controls are in place proactively</p>
<p>Erosion and Sediment (E&S) Controls</p> <p>Route 7</p>	<p>- Grass growth increased at the high school J&B as well moving north towards Allen's Meadow. 6/20-6/29/06</p> <p>- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Grass is growing in the proposed parking area. and construction fence is up. 6/29/06</p> <p>- An area of silt fence was noted along the driveway at the School Rd site but it was not toed in. 6/29/06</p> <p>-Wetland areas continue to look good following the sediment removal. 6/29/06</p> <p>- Some sediment had washed over the silt fence near the swale on Old Danbury Rd. 6/29/06</p> <p>- Significant erosion/slumping was noted at the slope near the HDD exit point. 6/14-6/29/06</p> <p>- Several areas along Rt 7 were restored with seed and mulch. 6/20-6/29/06</p> <p>- The vault at Wilton Corp Park was being accessed at this time. 6/20-6/29/06</p>	<p>- Continue to monitor for stabilization. 6/29/06</p> <p>- The site look very well restored. Continue to monitor for stabilization. 6/29/06</p> <p>-It is unclear whether this is only here as construction fencing. If it is meant to reduce run-off to the restored area, it should be toed in. 6/29/06</p> <p>- Continue to monitor for final stabilization. 6/29/06</p> <p>-Pull back the sediment and restore the silt fence. The EC mats are in good shape. 6/29/06</p> <p>- The area will be restored with boulders and soil and then seeded. Remaining materials should also be removed. 6/14-6/29/06</p> <p>- Continue to monitor for stabilization. 6/29/06</p> <p>-The vault area will not be restored until after access needs are complete. 6/20-6/29/06</p>	<p>- New growth was noted</p> <p>-New growth was noted.</p> <p>-N/A unless the fence is for EC purposes</p> <p>-N/A at this time.</p> <p>-Needs attention</p> <p>- Needs attention</p> <p>- Areas were restored</p> <p>-NA until access is complete</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
<p>Erosion and Sediment (E&S) Controls</p> <p>Route 7 continued</p> <p>Rt. 107</p>	<p>- Landowner activities near the storage area near #848 (Rt.7) are also directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-6/29/06</p> <p>- Previously, catch basins along the Rt 7 turn area did not appear to have filters/controls in place. 6/14-6/29/06</p> <p>- Some work was noted at the island at the Rt. 107 & 7 intersection. 6/29/06 This area has previously been disturbed for several months 2/2-6/29/06</p> <p>- At the Georgetown Deli J&B, vegetative growth continues at all of the restored areas. 6/29/06</p> <p>- Erosion controls remain in good shape near the new HDD site along the Norwalk River and the asphalt pad is bermed to contain the work. 6/29/06</p>	<p>-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-6/29/06</p> <p>- Need to confirm that catch basins were protected. 6/14-6/29/06</p> <p>- Protect adjacent catch basins and restore the island when access is complete. 4/6-6/29/06</p> <p>-Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31-6/29/06</p> <p>- Continue to monitor controls, especially in the corner of the site as run-off will concentrate here. 6/14-6/29/06</p> <p>-None at this time 6/29/06</p>	<p>-N/A</p> <p>- Needs attention if not already done</p> <p>-Needs attention when work is complete</p> <p>- Vegetative growth continues</p> <p>-N/A</p>
<p>Umpawaug Rd. And Diamond Hill Rd.</p>	<p>- Utility work was noted in several locations along Rt 107 6/29/06</p> <p>- Vault access continues along Umpawaug Rd. 5/31-6/29/06</p> <p>-Erosion was noted along the sides of the roadway and down the recently constructed slope near #98, which was not project related. 6/29/06</p>	<p>-These areas will need to be restored when access needs are complete even though adjacent areas are restored well. 6/29/06</p> <p>- This area was a town project and should be evaluated by town engineers or DPW. 6/29/06</p>	<p>-N/A</p> <p>- Needs attention when access is done</p> <p>-N/A</p>

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Adjacent Wetlands and Waterways	<p>-The wetland areas to the south and east of the HDD basin were cleared of sediment as much as possible. 6/20-6/29/06</p> <p>-Adjacent areas of wetland were restored around the HDD site. 6/14-6/29/06</p>	<p>-Continue to monitor until the area has stabilized. 6/20-6/29/06</p> <p>-Some wetland seed mix was placed and the areas can revegetate naturally. 6/20-6/29/06</p>	<p>- N/A</p> <p>-N/A</p>
Staging, Storage, and Parking Areas	<p>- The equipment storage yard on the property south of the Rt. 7 &107 intersection was mostly contained. 1/26-6/29/06</p> <p>- Disturbance is mostly due to landowner activities. 3/15-6/29/06</p> <p>- Debris was being piled here as well but efforts will be made to clean up. 6/29/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd is still in use. Large stockpiles were noted here 6/14-6/29/06</p> <p>- The racquet club storage yard has a pile of sandbags stored here. Stormwater had been seen running to the swale on site. 6/7-6/29/06</p> <p>- Equipment and materials are also being stored off Rt 7 before the Rt 33 turn. 6/14-6/29/06</p>	<p>- 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.</p> <p>- Even though this is an active site, provide good housekeeping and remove debris when feasible. 5/4-6/29/06</p> <p>- The area is fairly well contained but control stockpiles if necessary. Continue good housekeeping here. 5/4-6/29/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter run-off. 2/2-6/29/06</p> <p>- Keep areas contained and avoid encroachment into the tree line 6/14-6/29/06</p>	<p>-N/A at this time</p> <p>-May need attention</p> <p>- Needs attention</p> <p>-Continue to monitor</p>
Soils	<p>- 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.</p>	<p>- Soils appear to be handled appropriately. 6/20/06</p> <p>- Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-6/20/06</p>	<p>N/A at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
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>-Restoration efforts (seeding and mulching) were noted along Rt 7, including near the Zion church. 6/20/06</p> <p>- The restored area near Wilton HS and Allen Meadow's Park had new growth. 6/20/06</p> <p>-Restoration efforts are largely complete along Umpawaug Rd. 5/10-6/20/06</p> <p>-The HDD was completely restored and hydroseeded. 6/20/06</p> <p>- New growth continues at the mats near Georgetown Deli. 6/20/06</p> <p>- Disturbed areas along Rt 7 near Ring's End lumber will be restored soon. 6/20/06</p>	<p>-Continue restoration: other projects are ongoing as well making it difficult to coordinate efforts. 3/29-6/20/06.</p> <p>- Monitor for stabilization. 6/20/06</p> <p>-Continue to restore where necessary after vault access. Grass cover continues to increase in many areas. 5/10-6/20/06</p> <p>-Monitor for final stabilization. 6/20/06</p> <p>-Continue to monitor for final stabilization. 6/20/06</p> <p>- Continue to monitor. 6/20/06</p>	<p>Restoration efforts were noted. Continue to provide.</p> <p>-Grass growth was noted</p> <p>-Needs attention in vault areas</p> <p>- Restoration efforts are complete</p> <p>- N/A</p> <p>- N/A</p>
Dewatering	- No obvious dewatering efforts were noted at the time. 6/29/06	- Continue to provide controls where necessary. 6/29/06	- 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. 6/29/06	<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			

Next likely scheduled inspection: Wednesday July 5, 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 erosion control mats in good shape along the slope above the swale. Photo on the right shows where the recent rain washed sediment over the silt fence. The fence should be repaired and the sediment pulled back. 6/29/06



(School Rd HDD): Photo shows the restored HDD School Rd site with grass growing and construction fence in place. 6/29/06



Photo on the left shows silt fence along the driveway at the School Rd site. If this is meant to reduce run-off to the restored area, it should be toed in. If it is serving as construction fence, it doesn't need to be. Photo on the right shows the culvert near Wilton HS with good veg cover.



Both photos show the restored areas to the north and south of the stream at Wilton HS. Grass cover is increasing and the areas are stabilizing well. 6/29/06



(Georgetown Deli) Photo on the left shows the restored area south of the stream. Photo on the right shows the streambank with the boulders in place. Both areas are beginning to re-vegetate. 6/29/06



Photo on the left shows the streambank slope at the Georgetown Deli which is beginning to re-vegetate with the erosion control mat. Photo on the right shows the well restored slope leading to the new HDD site. 6/29/06