

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 14, 2006

Inspector: Diana Walden

Location: 345kV Underground Route

Storm/

Rain Event: Between 0.47-0.69” of rain was recorded over 6/9-6/10 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-6/14/06	- Continue providing good “house- keeping” along the roadways. Full restoration will be required when work is completed. 2/2-6/14/06	- Restoration is occurring and needs to continue.
	- The School Rd HDD site has been graded and crews are spreading topsoil. Adjacent areas are being restored and new erosion controls are in place. 6/14/06	- Final restoration continues. See additional sections for more details. 6/14/06	-Grading has occurred and restoration in ongoing. Good controls are in place.
	- Materials remain near the exit point of the bore and crews were accessing the vault at Old Danbury Rd 6/14/06	- See erosion control section for more details. 6/7/06	-Not applicable (N/A)
	-A number of vaults continue to be accessed along other portions of the route for internal work (pulling/splicing cable). 4/12-6/14/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-6/14/06	-N/A
	- Active work continues adjacent to the access drive of Norwalk Junction and along Rt 7, including up	-Controls were not noted in the catch basins along Rt 7. See erosion control section. 6/14/06	- Needs attention.

Areas of Inspection	Observation	Recommended Action	Corrective Action
	<p>past the turn. This includes sawcutting, vaults and trenchwork. Several areas of stockpiles were resulting. 5/31-6/14/06</p> <p>- Pipe in the Norwalk Junction yard was also being excavated and repaired. 6/14/06</p> <p>- Drilling equipment is in place at the new HDD site in Georgetown in order to bore under the railroad crossing. 6/14/06</p>	<p>- See erosion control section. 6/14/06</p> <p>- A bermed asphalt pad was built to contain equipment in the reclamation site. Continue to monitor the area. 6/14/06</p>	<p>- N/A</p> <p>- N/A</p>
<p>Erosion and Sediment (E&S) Controls</p> <p>Route 7</p>	<p>- Hay mulch and seed were placed at the high school J&B as well as the receiving side, moving north towards Allen's Meadow. 6/14/06</p> <p>- At the School Rd. HDD, the site was graded and sloped into the perimeter wetlands as discussed. Crews were spreading topsoil and new controls were installed around the area that will become town parking. Wetland vegetation will be allowed to return to the perimeter. 6/14/06</p> <p>-Sediment accumulation remains in the wetland east of the basin 2/10-6/14/06. Plans to remove the sediment were finalized at this inspection Several inches of sediment was noted here. 6/14/06</p> <p>- Even though effort was made to remove sediment from beyond the basin, the washouts to the east,</p>	<p>- Continue to monitor for stabilization. 6/14/06</p> <p>- Final restoration will continue here and the surface will be hydro-seeded. 6/14/06</p> <p>-The top 2-4" of sediment should be carefully scraped up and removed by hand to the extent feasible while attempting to avoid existing wetland vegetation and "islands of natural soil. 6/14/06</p> <p>- A few pockets of new accumulation were marked out and will be removed by hand. 6/14/06</p>	<p>- Restoration efforts were noted in both locations</p> <p>-The area is graded and is being restored as discussed</p> <p>-Still needs attention. This will occur shortly but will require access in the restored area.</p> <p>-Still needs attention. This will occur shortly</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
<p>Erosion and Sediment (E&S) Controls</p> <p>Route 7 continued</p>	<p>reintroduced silt in some of the channels. 5/25-6/14/06</p> <p>- Controls are in good shape along the disturbed slopes adjacent to Old Danbury Rd. as the vault here is accessed. 6/14/06</p> <p>- Significant erosion/slumping was noted at the slope near the HDD exit point. 6/14/06</p>	<p>- The slopes along the constructed swale will be stabilized with erosion control mats when work is complete. 5/10-6/14/06</p> <p>- The area will be restored with boulders and soil and then seeded. Remaining materials should also be removed. 6/14/06</p>	<p>-NA until access is complete</p> <p>- Needs attention</p>
<p>Rt. 107</p>	<p>- The backfilled vault at Wilton Corp Park appears to have been graded and partially seeded but other areas remain bare 6/7-6/14/06</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. 3/15-6/14/06</p> <p>- Several stockpiles remain along the swale at Norwalk Junction from adjacent work. 6/14/06</p> <p>- Catch basins along the Rt 7 turn area did not appear to have filters/controls in place but disturbed soil and sawcutting were adjacent. 6/14/06</p> <p>- Ruts from equipment access had been noted in the island at the Rt. 107 & 7 intersection leading to sedimentation near an inlet. 2/2-6/14/06</p> <p>- At the Georgetown Deli J&B, the new erosion</p>	<p>-The vault will be accessed continuously soon and will not be restored until after that time. 6/14/06</p> <p>-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-6/14/06</p> <p>- Place silt fence or controls along the swale or base of the piles to prevent run-off. 6/14/06</p> <p>- Protect catch basins with silt sacks or filter fabric in the grate. 6/14/06</p> <p>- Protect catch basins and restore the island if access is complete or stabilize temporarily within guidelines. 4/6-6/14/06</p> <p>-Due to the sandy soils, EC mats are installed here</p>	<p>-NA until access is complete</p> <p>-N/A</p> <p>- Needs attention</p> <p>- Needs attention</p> <p>-Needs attention</p> <p>- N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
<p>Umpawaug Rd. And Diamond Hill Rd.</p> <p>Norwalk Junction</p>	<p>control mats remain in place and some new vegetation was noted. 6/14/06</p> <p>- The stream slope to the north of the Deli with the boulders was further restored with seed and mulch. 6/14/06</p> <p>- Erosion controls are in good shape near the new HDD site along the Norwalk River and the asphalt pad is bermed to contain the work. 6/14/06</p> <p>- Vault access continues along Umpawaug Rd. Haybales were in place near #79 Umpawaug. 5/31-6/14/06</p> <p>-Disturbed soil and small stockpiles are present adjacent to the swale so erosion controls should be in place. 5/31-6/14/06</p>	<p>to promote stabilization. Continue to monitor 5/31-6/14/06</p> <p>- Continue to monitor. 6/14/06</p> <p>- Continue to monitor controls, especially in the corner of the site as run-off will concentrate here. 6/14/06</p> <p>-These areas will need to be restored when access needs are complete even though adjacent areas are restored well. 6/14/06</p> <p>- Controls should be added along the swale as long as stockpiles are here. Pick up all asphalt when work is done. 5/31-6/14/06</p>	<p>- Further restoration was noted</p> <p>-N/A</p> <p>- Needs attention when access is done</p> <p>-Needs attention</p>
<p>Adjacent Wetlands and Waterways</p>	<p>-The wetland channels beyond the basin will need to be cleared of sediment by hand again due to the recent rains. 5/25-6/14/06</p> <p>- Wetlands directly to the east of the basin have several inches of silt accumulation to be removed. 1/19-6/14/06</p> <p>-Adjacent areas of wetland were restored around the HDD site. 6/14/06</p>	<p>-Continue to make these efforts once the flow is lower and sediment can be removed. 5/25-6/14/06</p> <p>-Removal plans were finalized at the inspection. The excess sediment will be carefully scraped away 6/14/06</p> <p>-Some wetland seed mix will be placed and the remaining area can revegetate naturally. 6/14/06</p>	<p>- Still needs attention but areas were marked out</p> <p>-Plans were finalized and sediment will be removed</p> <p>-Wetland areas were graded for restoration</p>
<p>Staging, Storage, and Parking Areas</p>	<p>- The equipment storage yard on the property south of the Rt. 7 &107</p>	<p>- In general, materials should be placed appropriately in storage</p>	<p>-N/A at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
	<p>intersection was mostly contained. 1/26-6/14/06 - Disturbance is mostly due to landowner activities. 3/15-6/14/06</p> <p>- Debris was being piled here as well. 5/4-6/14/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd is still in use. Large stockpiles were noted here 6/14/06</p> <p>- The racquet club storage yard has a pile of sandbags stored here. Stormwater had been seen running to the swale on site. 6/7-6/14/06</p> <p>- The HDD is well graded and being restored. 6/14/06</p> <p>- Equipment and materials are also being stored off Rt 7 before the turn. 6/14/06</p>	<p>areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas. 3/9-6/7/06</p> <p>- Even though this is an active site, provide good housekeeping and remove debris when feasible. 5/4-6/7/06</p> <p>- The area is fairly well contained but control stockpiles if necessary. Continue good housekeeping here. 5/4-6/14/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter runoff. 2/2-6/14/06</p> <p>-Final restoration continues. 6/14/06</p> <p>- Keep areas contained and avoid encroachment into the tree line 6/14/06</p>	<p>- Still needs attention</p> <p>-May need attention</p> <p>- Needs attention</p> <p>-Restoration is occurring.</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. 6/14/06</p> <p>- Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-6/14/06</p>	N/A at this time
State species of concern, threatened and endangered species	<p>- No species of concern are located in this area of construction.</p>	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-A number of bare soil areas remain along Rt 7 where restoration efforts should continue. 3/29-6/14/06</p>	<p>-Other utility projects are ongoing as well making it difficult to coordinate efforts. 3/29-6/14/06.</p> <p>- Monitor for stabilization.</p>	<p>Restoration efforts were noted. Continue to provide.</p> <p>- The area was</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
	<ul style="list-style-type: none"> - The bare soil towards Allen Meadow's Park was restored with mulch and seed. 6/14/06 - The area at the Wilton Corp Park vault will be continuously accessed soon 6/14/06 -Restoration efforts are largely complete along Umpawaug Rd. 5/10-6/14/06 -The Wilton HS area was restored further and the HDD is being graded and spread with topsoil. 6/14/06 - New growth was noted at the mats near Georgetown Deli. 6/14/06 	<ul style="list-style-type: none"> 6/14/06 -The area will be restored after access. 6/14/06 -Continue to restore where necessary after vault access. Grass is starting to grow in many areas. 5/10-6/14/06 -Monitor for final stabilization. 6/14/06 -Continue to monitor for final stabilization. 6/14/06 	<ul style="list-style-type: none"> restored -N/A until access is complete -Needs attention in vault areas - The areas are being restored appropriately - N/A
Dewatering	<ul style="list-style-type: none"> - No obvious dewatering efforts were noted at the time. 6/14/06 	<ul style="list-style-type: none"> - Continue to provide controls where necessary. 6/14/06 	<ul style="list-style-type: none"> - N/A
Blasting	<ul style="list-style-type: none"> - No blasting is occurring on site at this time. 	<ul style="list-style-type: none"> - None at this time. 	<ul style="list-style-type: none"> N/A
Spills and Material Storage	<ul style="list-style-type: none"> - In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 6/14/06 	<ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid 	<ul style="list-style-type: none"> -N/A
		<ul style="list-style-type: none"> 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: Tuesday June 20, 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*



345kV (Norwalk Junction and Rt 7) Photo on the left shows some of the leftover stockpiles from work near the NJ access drive. Place controls here due to the proximity of the swale. Photo on the right shows the work near Old Danbury Rd which was graded for equipment access to the vault.



(School Rd HDD): Photo on the left shows the exit point of the HDD. The slope here has eroded and slumped. It will be stabilized with more boulders and soil. Photo on the right shows the HDD School Rd site following grading of the basin. The perimeter will be restored as wetlands. 6/14/06



Photo on the left shows another view of the old basin area. Crews are spreading topsoil. Photo on the right shows the adjacent area to the east of the basin to be restored as wetlands. 6/14/06



Photo on the left shows the graded area to the south of the old basin. This will also be restored with wetland vegetation. Photo on the right shows the area to the east which has several inches of sediment buildup from the site. Crews will be carefully removing the top few inches by hand. 6/14/06



. (Rt 7- Allen's Meadow Park) Photo on the left shows where seed and mulch were placed on the receiving side of the old jack and bore for restoration. (Georgetown Deli) Photo on the right shows additional restoration with seed and mulch above the boulders. 6/14/06



(New Georgetown HDD): Photo on the left shows the new HDD area off Rt 107. A bermed, asphalt pad was built to hold and contain the drilling equipment. Photo on the right shows the slope just north of this area which was well restored and stable. 6/14/06