

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: March 9, 2006

Inspector: Don Ukers

Location: 345kV Underground Route

Storm/

Rain Event: Very little precipitation has been recorded since the previous inspection as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vault Openings and Trench Construction	- Trenching and pipe installation, continue in several locations off Rt. 7.1/4-3/9/06 Active trenching had been noted near Wilton Deli and Wilton Corporate Park. 3/9/06	-Continue providing good "house- keeping" along the roadways. See additional sections for more information. 12/1-3/9/06	-N/A
	- Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-3/9/06	-In general, stockpiles should be backfilled each night. And restoration will be required when work is completed. 2/2-3/9/06	- N/A
	- Equipment continues to demobilize from the Horizontal Direction Drill at School Rd. The basin is being filled in and graded as temporary stabilization. 3/9/06	- Further restoration will be necessary after the adjacent work is complete. See additional sections for more details. 3/9/06	- The basin is being graded which will help reduce sedimentation.
	-Trenching will need to continue here in the near future to link up the project. 3/9/06	- See other sections for more details. 3/9/06	-N/A
	- Trenching is also occurring in several locations along Rt.107 and moving south to the Georgetown Deli. 3/9/06 - Crews returned to perform	- See other sections for more details. 3/9/06	- N/A

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>active trenching and pipe installation in the area of #95 Umpawaug Rd. 3/9/06</p> <p>- Crews continued work at Archers Lane transition station with backfilling occurring along the access drive. 3/9/06</p>	<p>- See other sections for more details. 3/9/06</p> <p>- None at this time, the work remains contained to the access drive. Watch sediment build up along the stonewall. 3/9/06</p>	<p>-N/A</p> <p>- N/A at this time</p>
<p>Erosion and Sediment (E&S) Controls continued</p> <p>Route 7</p>	<p>- The silt fence at the old high school J&B site remains in fairly good shape but is starting to come down at the culvert. 3/9/06</p> <p>-In the future, any observable sedimentation in resource areas should be removed immediately. 1/19-3/9/06</p> <p>- At the HDD, work is wrapping up and equipment is demobilizing. Vegetation was affected and soil within the wetland was disturbed from the breakout repair. This is in the area beyond the basin and controls. 2/9-3/9/06</p> <p>- The basin is being graded and backfilled for temporary stabilization. Controls remain well in place 3/9/06</p> <p>-The combination of offsite dewatering and muds from the site led to sediment accumulation in the wetland beyond the check dams and to the east of the basin. 2/16-3/9/06</p>	<p>- Stone and haybales remaining on the outlet slope will still need to be removed for final stabilization. 1/19-3/9/06</p> <p>-The remaining instream controls will need to be removed once the slope has been restored. 1/26-3/9/06</p> <p>- A restoration plan should be proposed and implemented and may include some plantings. Plan to stabilize in the growing season. 3/9/06.</p> <p>- In the meantime, disturbed soil is temporarily controlled by silt fence. 3/9/06</p> <p>- Final restoration will occur when the work in the area is complete 3/2/06</p> <p>-The accumulated sediment should be removed as soon as feasible and prior to the growing season. 3/9/06</p>	<p>- This will likely not occur until trenching is complete in this area. 3/9/06</p>

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Erosion and Sediment (E&S) Controls continued	<ul style="list-style-type: none"> - The exit point of the bore remains set up with erosion controls along the perimeter of the area. 2/22-3/9/06 - While the area is well controlled now, an earlier breakout resulted in sedimentation to an area of ponded water down gradient of the return site near the railroad tracks. 1/26-3/9/06 	<ul style="list-style-type: none"> - Continue to monitor erosion controls until the connecting work can occur. 3/9/06 - Contractors are waiting until the water recedes in order to go in and remove the sediment. 2/16-3/9/06 	- N/A at this time
Route 7 continued	<ul style="list-style-type: none"> - The storage area near #848 (Rt.7) is still highly utilized and conditions were muddy. 1/4-3/9/06 - Machinery was also noted closer to the wetlands than necessary. 3/9/06 -Protection measures should be installed at the storm inlet in Racquet club since work is in proximity. 2/2-3/9/06 - Ruts from equipment access had been noted in the island at the Rt. 107 & 7 intersection leading to sedimentation near an inlet. 2/2-3/9/06 	<ul style="list-style-type: none"> - Continue to monitor activity in here. Watch placement of project materials and equipment in the vicinity of the surrounding swale. 12/8-3/9/06 - Water from the street seems to be more of an issues than water from the site but controls would still be appropriate. 3/2-3/9/06 - Protect catch basins here and restore the island if not already done so. 3/9/06 	
Rt. 107 Daywork	<ul style="list-style-type: none"> - At the Georgetown Deli, trenching is continuing south along the roadway to the jack and bore site. An area of silt fence here required repair. 3/9/06 	<ul style="list-style-type: none"> -Repair the small section of silt fence. 3/9/06 	
Umpawaug Rd.	<ul style="list-style-type: none"> - A stockpile and small storage yard remain in place. - Active trenching and pipe installation continues along Umpawaug. Soil was stockpiled but as set to be 	<ul style="list-style-type: none"> - Remember to restore these areas when feasible 2/2-3/9/06 - Make sure soil is returned daily to the trench. Monitor adjacent erosion controls. 3/9/06 	- N/A at this time

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	backfilled by the end of the day. 3/9/06 - Make sure erosion controls are in good shape prior to sawcutting anywhere that work will return. 2/22/06-3/9/06	- Remember to protect all inlets and drainage swales along the road as work resumes in an adjacent area. 2/22-3/9/06	- N/A at this time
Adjacent Wetlands and Waterways	-At the jack and bore near Allens Meadow Park, the outlet slope will need final restoration. 1/19-3/9/06 -The breakout described at the HDD resulted in direct access and impact to the wetland beyond the basin in order to contain the muds. 2/9-3/9/06 - Wetlands directly to the east of the basin also have sediment accumulation that will require removal. 1/19-3/9/06 -Combination of non-project related offsite dewatering and issues with controlling the muds has led to sedimentation to the wetlands past the controls and check dams again. 2/22-3/9/06	-Plan to remove stone and haybales and instream controls for final restoration. 1/19-3/9/06 - A restoration plan should be implemented for the wetlands beyond the basin, potentially including plantings in the spring. 2/16-3/9/06 - Sediment buildup should be removed where it is thicker than an inch. This should be done before the growing season. 3/9/06 - When conditions are stable, sediment will need to be carefully removed by hand. This should occur before the growing season. 2/22-3/2/06	
Staging, Storage, and Parking Areas	- The equipment storage yard on the property south of the Rt. 7 & 107 intersection was muddy but mostly contained. 1/26-3/9/06 - Stone piles and machinery are being placed increasingly closer to the surrounding wetland swales. 1/26-3/9/06 - The racquet club storage	- 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. 3/9/06 - Keep within the limits of	-N/A

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	yard has piles of stone and soil. It is even more important to place protective measures in the inlet/swale here. 2/2-3/9/06	the yard and don't encroach into the brush. 10/27-3/9/06 Install haybales at the culvert within the swale. 2/2-3/9/06	
Soils	<ul style="list-style-type: none"> - 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. -The HDD basin is being regraded. Muds are no longer being pumped here. 3/9/06 	<ul style="list-style-type: none"> - Soils appear to be handled appropriately. 3/9/06 - Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-3/9/06 - Continue to clean up the area now that the bore is complete. 3/9/06 	<p>N/A at this time</p> <p>- The basin is being temporarily stabilized.</p>
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)	<ul style="list-style-type: none"> - Colder weather is still a factor in restoration/ stabilization attempts, but a number of bare roadside areas still remain. 12/8-3/9/06 - Some erosion was noted in previously restored areas such as near Scribner Hill Rd. 1/4-3/9/06 	<ul style="list-style-type: none"> - Attend to disturbed areas as feasible in the appropriate time frames. 11/10-3/9/06 -Other utility projects are ongoing as well which often undoes some of the efforts. -Repair erosion in these areas in the spring when the area can stabilize. 1/4-3/9/06 	<p>- N/A until the growing season</p> <p>- N/A until the growing season</p>
Dewatering	- No major dewatering efforts were noted. The mud return operation at the HDD site is also complete. 3/9/06	- See other sections for details. 3/9/06	
Blasting	- No blasting is occurring on site at this time.	- None at this time.	
Spills and Material Storage	-The HDD is being temporarily stabilized until work can return. 3/9/06	- See other sections 3/9/06	-All spill/leak collection materials were removed appropriately from

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	- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 3/2/06	- The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid	site last week. 3/9/06 -N/A
Spills and Material Storage continued		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 March 15, 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 Don Ukers



345kV (Archers Lane): Crews were backfilling the 345kV trenchwork along the access drive into the Archers Lane station. The site remains well contained at this time. Watch sediment along the stonewall as wetlands are located beyond it. 3/9/06



View of a stockpile of flowfill located adjacent to the drive and at the top of a slope leading to wetland. A silt fence was suggested due to its proximity to the slope. 3/9/06



345kV (Rt 107) Photo on the left shows the Georgetown Deli with jute netting well in place along the bank. Photo on the right shows trenching along this area to connect in with the jack and bore. The silt fence needs repair in one area here. 3/9/06



345kV (Rt. 7): Overview of the storage area off Rt. 7 where numerous materials and equipment still remain. Watch placement of equipment near the wetland swales as some of the machinery is parked closer than necessary. 3/9/06



345kV(HDD): Overview of the site, looking in at the basin from the eastern wetlands. Sediment accumulation will need to be removed when access is feasible. 3/9/06



The drill equipment has demobilized and the basin is in the process of being filled in and graded as a temporary stabilization measure. After trenching connects to this area, the soil surface should be revegetated and restored. 3/9/06