

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: November 10, 2005

Inspector: Don Ukers and Brian Sakidovitch

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Approximately 0.5- 0.65" of rain fell over 11/9-11/10 as reported by NOAA

Areas of Inspection	Observation	Recommended Action
<p>Access Roads and Adjacent Roadways</p>	<p>- Hoyts Hill: Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 11/10/05.</p> <p>-Archers Lane: - The majority of the boulders have been removed from the stockpile within the site boundaries along the access road. 11/10/05.</p> <p>-Some sediment tracking was noted on Diamond Hill Rd. with all the traffic.</p> <p>- Norwalk Junction: A gravel access road is in place off of Route 7. Some sediment tracking was noted on Rt. 7 due to the muddy conditions over most of the yard. 11/10/05.</p>	<p>-Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-11/10/05.</p> <p>- None at this time. We just need to confirm whether the material at the property line had been removed.11/10/05.</p> <p>- Street sweeping will be necessary here if problems persist. 11/10/05</p> <p>-Continue to monitor sediment tracking issues and sweep streets if necessary. 11/10/05.</p>
<p>Foundation construction</p>	<p>- The Hoyts Hill station yard has been backfilled and brought to grade. Installation of a chain link fence was completed and slopes leading to the site from the road are well graded. 11/10/05.</p> <p>- Additional work may be</p>	<p>-None at this time. 11/10/05.</p> <p>-The pad may need to be</p>

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<p>Foundation construction continued</p>	<p>necessary on the southern side outlet/dissipater pad as erosive gullies were noted. 11/02-11/10/05</p> <p>-At Archers Lane boulders continue to be removed and excavation and earthwork is ongoing. Stone is being crushed for use in the construction of the station yard foundation. 11/10/05.</p> <p>- Drilling for a foundation of a structure adjacent to the yard was also ongoing. 11/10/05</p> <p>-At Norwalk Junction, the site is graded and some of the stockpiles were being removed. The existing culvert pipe had been removed and the pipe sections were stockpiled for removal. 11/10/05.</p>	<p>extended here based on the noted erosion issues. See erosion control section 11/02-11/10/05.</p> <p>-None at this time. 11/10/05</p> <p>- None at this time. 11/10/05</p> <p>See additional sections</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>-Hoyts Hill: The majority of the perimeter silt fence remains in good condition. 11/10/05. A small amount of sediment has filtered through the fence last week- continue to monitor. 11/10/05</p> <p>- The slopes had been restored with hydroseed but the recent rains have caused rills and small erosive gullies to form. The gullies have caused sediment to deposit all along the base of slope. 10/27-11/10/05.</p> <p>-A larger erosive gully was noted reaching along the southern outlet pipe and dissipater pad. It may be necessary to extend the pad. 11/02-11/10/05.</p> <p>- Archers Lane: A portion of</p>	<p>- Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 11/10/05.</p> <p>- Gullies should be repaired and a stronger method of stabilization, such as erosion control mats, should be considered. 11/02-11/10/05.</p> <p>-Investigate whether extension of the stone pad would help the situation and restore the erosion caused here. It is uncertain whether this is the source of the gully. 11/10/05.</p>

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Erosion and Sediment Controls continued	<p>silt fence along the access road has been pushed down due to the wayward materials. The materials were to be pulled back and the fence restored now that crews have worked through the stockpiles to this point. 11/10/05</p> <p>-The silt fence corner at the base of the access road slope was still intact but some sediment had accumulated. 10/12/05-11/10/05.</p>	<p>- It needs to be confirmed whether the material was removed or if erosion controls were repaired. 11/10/05</p> <p>- Continue to monitor this area, especially after significant rain events. Sediment may need to be pulled away after the rains and repairs may be necessary. 11/10/05.</p>
	<p>- Norwalk Junction: The perimeter erosion controls seem mostly in place around the edge of the disturbed site. 11/10/05.</p> <p>-The culvert pipe has been excavated and sections were stockpiled. Soil stockpiles were also being removed. 11/10/05</p>	<p>-Maintain erosion controls as long as there is disturbed soil/work on site, especially due to the proximity of the river and wetlands. 11/10/05</p> <p>- Dispose of any brush piles if necessary. 11/10/05.</p> <p>-None at this time. 11/02/05.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: As part of the transition station, a small area of wetland was cleared and altered. The outer silt fence is still up as a work limit and the internal area was hydroseeded. Sediment is accumulating at the fence to some degree from the erosion. 11/10/05.</p> <p>-Archers Lane: The low spot in fence should be monitored although wetlands didn't appear to be immediately adjacent. 10/19-11/10/05.</p> <p>- Norwalk Junction: Wetlands associated with the Norwalk River are located immediately adjacent to the site but the standing water here appeared to be clear with</p>	<p>-Continue to monitor. In general, keep all equipment and materials out of wetlands not to be disturbed and keep controls in good repair. 11/10/05.</p> <p>- Continue to maintain silt fence as needed. 11/10/05.</p> <p>- Maintain perimeter controls during transition station work. 11/10/05.</p>

Areas of Inspection	Observation	Recommended Action
	erosion controls well installed. Flooding may be an issue during extended periods of rain. 11/02-11/10/05.	
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: The slopes and areas surrounding the site had been hydroseeded for restoration but erosion is occurring. 11/10/05.</p> <p>- Archers Lane: Work continues in the previously cleared areas however some additional clearing had occurred near the intersection with the ROW as part of that work for the recently approved access road. 11/02-11/10/05.</p> <p>- Norwalk Junction: Clearing appears to be completed along the footprint of the station. Brush pile removal may be necessary along the wetland/silt fence line. 11/10/05.</p>	<p>-Monitor for vegetative cover. It may be difficult to obtain growth due to the late time of year. An alternative method of stabilization, such as Erosion Control Mats should be considered. 11/02-11/10/05.</p> <p>-None at this time. 11/10/05.</p> <p>- Continue to attempt to preserve trees where possible if trimming is sufficient. 11/10/05.</p>
Dewatering	<p>-Dewatering was not necessary at Hoyts Hill but some erosion had resulted from the outlet pipe and slope run-off. 11/10/05.</p> <p>- No dewatering has been necessary yet at Archers Lane. 11/10/05.</p> <p>- Booms remaining from the 115kV work were removed the work area, but remain on site. Dewatering has not yet occurred for the station work. 11/10/05.</p>	<p>-See Erosion control section. 11/10/05.</p> <p>- None at this time. 11/10/05</p> <p>- Booms should be removed from site by 115kV contractors. 11/02-11/10/05.</p>
Blasting	- All blasting is complete and we just need to confirm whether the wayward material was removed from the property boundary/stone wall.	- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately as crews are working through the material

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	11/10/05. - Work continues to remove or crush the boulders created by the blasting. 11/10/05	stockpiled on site and waiting for permission. 11/10/05.
Spills and Material Storage	-Some oily drip spots were noted trailing along the site but not attributable to any one machine. Equipment should be examined for any issues. 11/10/05.	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.
Additional Observations		

Next likely scheduled inspection:

Thursday, November 17, 2005

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



Hoyts Hill Transition Station: The photo on the left shows an overview of the station yard with the chain link fence installed. No further work was ongoing at the time. 11/10/05



Overall view of the restored grades at the station yard leading from the roadway. Some slight erosive rills were noted but are not as significant as the ones downslope. 11/10/05



The photo on the left shows the silt fence in place at the wetland edge. Photo on the right shows some of the erosive gullies and rills along the slope. 11/10/05



Archers Lane: Overview of the access road where the boulder stockpiles have largely been removed. 11/10/05



Photo on the left shows the stockpile of crushed boulders/stone to be used on site. Photo on the right shows the area cleared by CL&P and drilling to install a structure at the edge of the station yard. 11/10/05



Overall view of the site work and excavation area. 11/10/05



Norwalk Junction: Over all view of the site which has been graded. Most stockpiles are in the process of being removed. 11/10/05



View of the stockpiled pipes from the culvert that was removed. The pipes will eventually be disposed of. 11/10/05