

**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 17, 2005

**Inspector:** Don Ukers and Brian Sakidovitch

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

**Storm/**

**Rain Event:** Approximately 0.54- 1.02” of rain fell over 11/16-11/17 as reported by NOAA

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- <b>Hoyts Hill:</b> Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 11/17/05.</p> <p>-<b>Archers Lane:</b> - The majority of the boulders have been removed from the stockpile within the site boundaries along the access road. 11/10-11/17/05.</p> <p>-Some sediment tracking was noted on Diamond Hill Rd. with all the traffic. 11/10-11/17/05</p> <p>- <b>Norwalk Junction:</b> A gravel access road is in place off of Route 7. Some sediment tracking was noted on Rt. 7 last week due to the muddy conditions over most of the yard. 11/17/05.</p> <p>- Changes to drainage and the emergency access road here are proposed. 11/17/05</p>	<p>-Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-11/17/05.</p> <p>- None at this time. We just need to confirm whether the material at the property line had been removed.11/10-11/17/05.</p> <p>- Street sweeping will be necessary here if problems persist. 11/10-11/17/05</p> <p>-Continue to monitor sediment tracking issues and sweep streets if necessary. 11/17/05.</p>
Foundation construction	<p>- The Hoyts Hill station yard has been backfilled and brought to grade. Final grades are not complete along the wetland edge due to future work here. 11/17/05.</p>	<p>-None at this time. 11/17/05.</p>

Areas of Inspection	Observation	Recommended Action
<p>Foundation construction continued</p>	<ul style="list-style-type: none"> <li>- Additional work may be necessary on the southern side outlet/dissipater pad as erosive gullies were noted. 11/02-11/17/05</li> <li>-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. 11/10-11/17/05.</li> <li>- Drilling for a foundation of a structure adjacent to the yard had also occurred. 11/17/05</li> <li>-At Norwalk Junction, grading near the construction entrance was completed and soil compacting had been ongoing. However, active work was not noted at the time of inspection. The old culvert pipe sections remained stockpiled for removal. 11/17/05.</li> </ul>	<ul style="list-style-type: none"> <li>-The pad may need to be extended here based on the noted erosion issues. See erosion control section 11/02-11/17/05.</li> <li>-None at this time. 11/10-11/17/05</li> <li>- None at this time. 11/17/05</li> <li>- See additional sections for more information. 11/17/05</li> </ul>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<ul style="list-style-type: none"> <li>-<b>Hoyts Hill:</b> The majority of the perimeter silt fence remains in good condition. 11/17/05.</li> <li>A small amount of sediment has filtered through the fence as of a few weeks ago-continue to monitor. 11/17/05</li> <li>- Due to the recent warmer weather, the slopes have experienced some observable grass growth (11/17/05) but prior rains have caused rills and small erosive gullies to form. The gullies have caused sediment to deposit all along the base of slope. 10/27-11/17/05.</li> <li>-A larger erosive gully was</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 11/17/05.</li> <li>- Gullies should be repaired and a stronger method of stabilization, such as erosion control mats, should be considered if the grass cannot stabilize before the ground freezes. Grades along the wetland are not yet final as work to connect to the street work is still proposed. 11/17/05.</li> <li>-Investigate whether extension</li> </ul>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls continued	<p>noted reaching along the southern outlet pipe and dissipater pad. It may be necessary to extend the pad. 11/02-11/17/05.</p> <p>- <b>Archers Lane:</b> A portion of 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. 11/10-11/17/05</p> <p>-The silt fence corner at the base of the access road slope was still intact but some sediment had accumulated. 10/12/05-11/17/05.</p>	<p>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. 11/17/05.</p> <p>- It needs to be confirmed whether the material was removed or if erosion controls were repaired. 11/10-11/17/05</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. 11/17/05.</p>
	<p>- <b>Norwalk Junction:</b> The perimeter erosion controls seem mostly in place around the edge of the disturbed site. 11/17/05.</p> <p>-The culvert pipe has been excavated and sections remain stockpiled. Grading and soil compacting are ongoing. Some changes to the proposed drainage are proposed. 11/17/05</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. 11/17/05</p> <p>- Dispose of any brush piles if necessary. 11/17/05.</p> <p>-None at this time. 11/07/05.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- <b>Hoyts Hill:</b> 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 and grass growth is starting. Sediment is accumulating at the fence to some degree from the erosion. 11/10-11/17/05.</p> <p>-<b>Archers Lane:</b> The low spot in fence should be monitored although wetlands didn't</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. Work is still proposed through here to connect with the underground facilities. 11/10-11/17/05.</p> <p>- Continue to maintain silt fence as needed. 11/17/05.</p>

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	<p>appear to be immediately adjacent. 10/19-11/17/05.</p> <p>- <b>Norwalk Junction:</b> Wetlands associated with the Norwalk River are located immediately adjacent to the site but the standing water here appeared to be clear with erosion controls well installed. Flooding may be an issue during extended periods of rain. 11/02-11/17/05.</p>	<p>- Maintain perimeter controls during transition station work. 11/17/05.</p>
<p>State species of concern, threatened and endangered species</p>	<p>- No species of concern are located in these areas of construction.</p>	<p>- N/A</p>
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<p>-<b>Hoyts Hill:</b> The slopes and areas surrounding the site are beginning to experience noticeable increase in growth but prior erosion issues were noted and will need attention. 11/17/05.</p> <p>- <b>Archers Lane:</b> 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. 11/02-11/17/05.</p> <p>- <b>Norwalk Junction:</b> Clearing appears to be completed along the footprint of the station. Brush pile removal may be necessary along the wetland/silt fence line. 11/17/05.</p>	<p>-Monitor for vegetative cover. It may be difficult to obtain sufficient growth due to the late time of year. An alternative method of stabilization, such as Erosion Control Mats should be considered if necessary. 11/02-11/17/05.</p> <p>-None at this time. 11/17/05.</p> <p>- Continue to attempt to preserve trees where possible if trimming is sufficient. 11/17/05.</p>
<p>Dewatering</p>	<p>-Dewatering was not necessary at Hoyts Hill but some erosion had resulted from the outlet pipe and slope run-off. 11/17/05.</p> <p>- No dewatering has been necessary yet at Archers Lane. 11/17/05.</p>	<p>-See Erosion control section. 11/17/05.</p> <p>- None at this time. 11/17/05</p> <p>- None at this time. 11/17/05</p>

Areas of Inspection	Observation	Recommended Action
	- Dewatering has not yet occurred for the station work. 11/17/05.	- Booms have been removed from site by 115kV contractors. 11/17/05.
Blasting	<p>- All blasting is complete and we just need to confirm whether the wayward material was removed from the property boundary/stone wall. 11/10-11/17/05.</p> <p>- Work continues to remove or crush the boulders created by the blasting. 11/10-11/17/05</p>	- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately as crews are working through the material stockpiled on site and waiting for permission. 11/10-11/17/05.
Spills and Material Storage	-No oil or drip spots were noted during the inspection. 11/17/05.	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site</p> <p>- Report spills immediately, even if they are being controlled.</p> <p>- Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. See proper storage for all materials.</p>
Additional Observations		

**Next likely scheduled inspection:** Wednesday, November 23, 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 Brian Sakidovitch and Don Ukers



Hoyts Hill Transition Station: Overview of the station yard with the chain link fence installed. With the warm weather, noticeable grass growth had occurred on the site lopes. 11/17/05



Further view of the new growth on the slope leading from Hoyts Hill Rd. to the station yard. Minimal erosion was noted here. 11/17/05



Both photos show views of the noticeable increase in grass growth that occurred along the slopes of the station. 11/17/05



Archers Lane: Overview of the access road leading in from Diamond Hill Rd. Some tracking was noted along the roadway due to increased traffic removing boulders. 11/17/05



Photo of the cleared view into Archers Lane from the adjacent ROW. 11/17/05



Norwalk Junction: Overall view of the site with ongoing grading/compacting. Areas remain contained at this time and little work was ongoing following evaluation of proposed changes to the station. 11/17/05