

**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:** September 20, 22, 2006

**Inspector:** David Stowe, Diana Walden, BSC Group

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

**Storm/**

**Rain Event:** No recent precipitation data was available from NOAA at the time of inspection. Reporting appears to have been interrupted and incomplete for the month of September

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	<p>- <b>Hoyts Hill:</b> Access is gained off Hoyts Hill Road. Markings are in place to pave the curb and grade the slope near the driveway. 9/13-9/22/06</p> <p>-<b>Archers Lane:</b> Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 9/22/06.</p> <p>-Wetland restoration was occurring along the access road. The stone crossing was removed. 9/22/06</p> <p>- Accumulated sediment had been removed from the wetland by hand. The wetland remained turbid from the work but will be evaluated when the area settles. 9/22/06</p> <p>-Slopes remain disturbed along the access road where 345kV trenching occurred and stockpiles remain. 8/16-9/22/06</p>	<p>-The gully will be filled in if necessary. Asphalt curbing and grading is still proposed for the area. 8/30-9/22/06.</p> <p>-The 1<sup>st</sup> wetland crossing will continue to be restored. See the EC section. 9/22/06.</p> <p>Waterbars or swales may be installed along the road. 9/13-9/22/06</p> <p>- Continue to monitor and restore. 9/20/06</p> <p>- AL contractors will likely need to perform restoration when work is complete here. 5/4-</p>	<p>-N/A</p> <p>-Restoration is occurring</p> <p>Sediment removal had occurred.</p> <p>- Needs attention when work is complete</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
<p>Access Roads and Adjacent Roadways continued</p>	<p>- Haybales remain in place where water had pooled in the access road near the stone wall. 9/22/06</p> <p>- <b>Norwalk Junction:</b> Sediment tracking was not noted on Rt 7 as a stone process drive was in place. 9/22/06.</p> <p>-The front portion of the yard is largely disturbed due to extensive parking here. 8/30-9/22/06</p>	<p>9/22/06</p> <p>-Continue to monitor for more permanent solutions if necessary. 9/22/06</p> <p>-Continue to monitor Rt 7 for tracking but paving is proposed shortly. 9/22/06</p> <p>- Stabilize any areas as feasible to reduce disturbance. 8/30-9/22/06</p>	<p>-N/A (Paving is proposed)</p> <p>-Paving is proposed.</p> <p>- Needs attention</p>
<p>Foundation construction</p>	<p>-At <b>Archers Lane</b>, Perimeter fence is in place and no soil disturbing work is occurring on site. 9/22/06</p> <p>-At <b>Norwalk Junction:</b> Asphalt was in place within the yard at the base of structures. Grading and stone process installation was also occurring in order to pave adjacent site surfaces. 9/22/06.</p> <p>-Repairs are proposed for the swale. 9/22/06</p>	<p>-None. 9/22/06</p> <p>- See erosion control section 9/22/06</p> <p>- See erosion control section 9/22/06</p>	<p>-N/A</p> <p>- N/A</p> <p>- N/A</p>
<p>Erosion and Sediment Controls</p>	<p>-<b>Hoyts Hill:</b> The silt fence along the wetlands at the rear of the station remains in good shape. 4/6-9/22/06.</p> <p>- The restored wetland at the base of slope is well vegetated but tire tracks were noted. 8/16-9/22/06</p> <p>-One small gully in the southern slope remains along the stone pad. The surrounding area is</p>	<p>-Silt fence can likely be removed from most areas as adjacent vegetation is stable. 8/24-9/22/06</p> <p>- Continue to monitor as the area stabilizes and restore as necessary. 9/22/06</p> <p>-Determine if the area has stabilized adequately or if the gully still needs</p>	<p>- N/A</p> <p>- N/A.</p> <p>- Needs evaluation when feasible. (no further action may</p>

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<p>Erosion and Sediment Controls continued</p>	<p>vegetated and may have sufficiently stabilized. 8/30-9/22/06.</p> <ul style="list-style-type: none"> <li>- <b>Archers Lane:</b> Silt fence along the access road at the 1<sup>st</sup> wetland is intact but retained pooled water during the restoration. Timber mats were in place as the stone crossing was removed. 9/22/06</li> <li>-Accumulated sediment was removed from the wetland in both locations. 9/22/06</li> <li>- Areas upgradient of the 2<sup>nd</sup> wetland crossing at the ROW were beginning to be restored/repared. 9/22/06</li> <li>- Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 8/3-9/22/06</li> <li>- The silt fence where the process stockpile was, remains in good shape. 9/22/06</li> </ul>	<p>restoration. 8/16-9/22/06. Future repairs are planned. 8/30-9/22/06</p> <ul style="list-style-type: none"> <li>- Continue to restore the wetland area and monitor for stabilization. 9/22/06 Remove mats when feasible. Replace haybales with silt fence to degrade in place. 9/22/06</li> <li>-Allow to settle out and continue to monitor for stabilization. 9/22/06</li> <li>- See Overhead report. 9/22/06</li> <li>-Continue to monitor. 9/22/06</li> <li>- Revegetate the area to the extent practicable but it is still being used for parking 8/9-9/22/06</li> </ul>	<p>be needed)</p> <ul style="list-style-type: none"> <li>- Area is being restored.</li> <li>- Sediment was removed.</li> <li>- Area was being addressed.</li> <li>- N/A (The drive will be paved)</li> <li>-N/A until access is complete</li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Norwalk Junction:</b> Perimeter silt fence remain in good shape along the river. 5/17-9/22/06.</li> <li>-The wetland area at the end of the swale, outside the silt fence, adjacent to the river contains accumulated sediment. 6/7-9/22/06</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. Continue to monitor controls. 5/17-9/22/06.</li> <li>- The silt is contained and does not yet reach the river. Wetland vegetation was also noted growing here, but silt has built up significantly at the stone outlet and should be</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- Needs attention</li> </ul>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<p>- The front portion of the site has extensive areas of soil disturbance (due to parking and tracking) leading to additional sediment in the swale. 6/1-9/22/06</p> <p>-The area adjacent to the perimeter chain link closer to the river is being graded with process. 9/22/06</p>	<p>removed by hand 6/1-9/22/06</p> <p>- Remove accumulated sediment from the swale and continue to improve water quality to the swale by restoring areas wherever feasible. 6/1-9/22/06</p> <p>Revegetate the adjacent area to the extent feasible. 9/7-9/22/06</p>	<p>- Needs attention</p>
	<p>-Access into the site has caused the culvert in the swale to be partially filled with stone and sediment 9/7-9/22/06 and the remainder of the swale is exposed soil 8/16-9/22/06</p>	<p>-Repair the swale and place stone and revegetate to restore to previous conditions. Add additional controls downstream to prevent turbidity. 8/16-9/22/06</p>	<p>- Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- <b>Hoyts Hill:</b> The wetland remains well protected and well vegetated 9/22/06</p> <p>-<b>Archers Lane:</b> Accumulated sediment in the 1<sup>st</sup> wetland crossing has been removed and restoration is occurring. 9/22/06.</p> <p>- <b>Norwalk Junction:</b> The outlet of the drainage swale is at the headwall of the wetland area. Wetland vegetation was growing but silt has accumulated and turbid water remains 6/14-9/22/06</p>	<p>-Erosion controls could likely be removed from most areas. 9/22/06.</p> <p>- Continue to monitor and restore as the stone crossing was removed. 9/22/06.</p> <p>- Reduce turbidity by controlling its source-disturbed surfaces and dewatering on site. Deeper sediment buildup at the outlet and within the basin should be removed. 5/25-9/22/06.</p>	<p>- N/A.</p> <p>-Restoration is underway and sediment was removed.</p> <p>-Needs attention</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>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Vegetative clearing limits or stabilization	- <b>Norwalk Junction:</b> -A number of bare soil areas around the perimeter of site should be temporarily stabilized/vegetated due to sediment loading to the swale. 7/26-9/22/06.	- Restore perimeter surfaces wherever feasible (even if it is temporary) 6/1-9/22/06.	-Still needs attention and problem is worse
Dewatering <b>Norwalk Junction</b>	-No active dewatering was noted at Norwalk Junction. However, several portions of the swale need restoration. 9/22/06	-Restore swale and increase controls. 8/16-9/22/06.	-Still needs attention
Blasting	- All blasting is complete. 9/22/06	- None at this time.	-N/A
Soils	- The yard of Norwalk Junction has been paved. Remaining soil was used or removed. 9/22/06.	-None. 9/22/06.	-The area was paved
Spills and Material Storage	- No obvious drips or spills were noted at the inspection. 9/22/06	- 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. See proper storage for all materials.	
Additional Observations			

**Next likely scheduled inspection:**

Friday September 29, 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, David Stowe, BSC Group*

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**Hoyts Hill Transition Station: Photo on the left shows the silt fence remaining at the end of the outlet pad and slope. This can be removed when feasible. Photo on the right shows good vegetative growth in the restored wetland area off Rt 58. Some tire tracks were noted here. 9/20/06**



**Archers Lane: Photo on the left shows an overview of the yard with the recently installed perimeter fence. Photo on the right shows the 1<sup>st</sup> wetland area where accumulated sediment has been removed by hand. 9/22/06**



**Norwalk Junction: Photo on the left shows the front portion of the site with disturbed soil resulting from parking. Repair and restoration of the swale are proposed. Photo on the left shows accumulated sediment remaining in the wetland area and at the outlet. 9/22/06.**



**Photo shows an overview of the yard. Areas around the structures have already been paved and adjacent areas are being graded. 9/22/06.**