

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: October 4, 2006

Inspector: Lee Curtis, Susan Infalt, BSC Group

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

Storm/

Rain Event: According to accuweather.com, 0.45" of rain were recorded on 10/1 and 0.25" were recorded on 10/4 (Data from NOAA is still incomplete).

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: Access is gained off Hoyts Hill Road. The asphalt curb along the driveway was restored. The slopes adjacent to the drive were restored with seed and mulch. 9/29-10/04/06</p> <p>-Archers Lane: Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 10/04/06. -Wetland restoration was complete along the access road. The crossing was back to original conditions and the adjacent areas were restored with mulch. 9/29-10/04/06</p> <p>- Accumulated sediment had been removed from the wetland by hand appropriately. 9/29-10/04/06</p> <p>-Slopes remain disturbed along the access road</p>	<p>-The area was finalized and the slope was restored. Continue to monitor for final stabilization. 9/29-10/04/06.</p> <p>-The area is in good shape with notable restoration efforts. Silt fence will be removed in the future when vegetation begins to establish. 10/04/06.</p> <p>-Waterbars or swales were installed across the road and haybales should be placed at the outlets. 9/29-10/04/06</p> <p>- Continue to monitor and prevent future sedimentation. 9/29-10/04/06</p> <p>- AL contractors will likely need to perform</p>	<p>-The curbing and slopes were restored.</p> <p>-Restoration is complete, minor grass growth was noted.</p> <p>The wetland is in good shape.</p> <p>- Needs attention when work is</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
<p>Access Roads and Adjacent Roadways continued</p>	<p>where 345kV trenching occurred and stockpiles remain. 8/16-10/04/06</p> <p>- Haybales remain in place where water had pooled in the access road near the stone wall. 10/04/06.</p> <p>- Norwalk Junction: Sediment tracking was not noted on Rt 7 as the driveway has been paved. The remainder of the station yard is also paved at this time. 10/04/06.</p> <p>-The front portion of the yard remains disturbed due to parking here. 8/30-10/04/06</p>	<p>restoration when work is complete here. 5/4-10/04/06</p> <p>-Continue to monitor for more permanent solutions if necessary. 10/04/06.</p> <p>-None at this time. 10/04/06</p> <p>- Stabilize any areas as feasible to reduce disturbance. Restoration will occur soon. 8/30-10/04/06</p>	<p>complete</p> <p>-N/A (Paving is proposed)</p> <p>-Paving is complete.</p> <p>- Needs attention</p>
<p>Foundation construction</p>	<p>-At Archers Lane, The yard will be energized shortly. 10/04/06</p> <p>-At Norwalk Junction: The yard will be energized shortly. Some restoration work/ vegetative cover is still needed. 10/04/06.</p>	<p>-None. 10/04/06.</p> <p>- See erosion control section. 10/04/06</p>	<p>-N/A</p> <p>- N/A</p>
<p>Erosion and Sediment Controls</p>	<p>-Hoyts Hill: Landscaping/ screening trees remain in good shape along the perimeter of the station. Increased grass growth was noted here. 10/04/06.</p> <p>- The restored wetland at the base of slope is well vegetated and tire tracks were restored. 10/04/06</p> <p>-The southern slope remains further stabilized with areas of mulch and landscaping. Increased</p>	<p>-Silt fence can be removed from within the wetland at the eastern side of the yard as adjacent vegetation is stable. 8/24-10/04/06</p> <p>-Silt fence can be removed along this portion of the wetland as well. 10/04/06</p> <p>-Continue to monitor for final stabilization. 10/04/06</p>	<p>- N/A</p> <p>- NA</p> <p>- Increased grass growth was noted here.</p>

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<p>Erosion and Sediment Controls continued</p>	<p>grass growth was noted here. 10/04/06.</p> <p>- Archers Lane: Silt fence along the access road at the 1st wetland is intact and continues to filter overland flow. Timber mats were removed and the crossing has been restored to original conditions. Grass growth was noted here. 10/04/06</p> <p>-Accumulated sediment was removed from the wetland and the area looks good. 9/29-10/04/06</p> <p>- Water bars were cut into the access road to direct run-off to the woods. 10/04/06.</p> <p>- Areas upgradient of the 2nd wetland crossing at the ROW were also restored/repared. Grass growth was noted here. 10/04/06.</p> <p>- Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 8/3-10/04/06</p> <p>- The silt fence where the process stockpile was, remains in good shape. 10/04/06</p>	<p>- Continue to monitor for final stabilization. Additional haybales were not yet installed at the water bars as recommended. 10/04/06</p> <p>- Continue to monitor for stabilization and prevent future sedimentation. 10/04/06</p> <p>-Place haybales at the outlets to prevent sedimentation to the forested portion of the wetland. 10/04/06.</p> <p>- See Overhead report. 10/04/06.</p> <p>-Continue to monitor. 10/04/06.</p> <p>- Revegetate the area to the extent practicable but it is still being used for parking 8/9-10/04/06</p>	<p>- Area was restored. Grass growth noted here.</p> <p>- Sediment was removed.</p> <p>-Needs attention when feasible.</p> <p>- Gras growth was noted</p> <p>- N/A (The drive will be paved)</p> <p>-N/A until access is complete</p>
	<p>- Norwalk Junction: Perimeter silt fence remain in good shape along the river. 5/17-10/04/06. The adjacent, non-project related berm is degrading</p>	<p>- None at this time. Continue to monitor controls. 5/17-10/04/06.</p> <p>- If feasible, work with adjacent landowner to</p>	<p>-N/A</p> <p>-Needs evaluation if feasible (not</p>

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	<p>and presents a potential source of sedimentation. 10/04/06.</p> <p>-The wetland area at the end of the swale, outside the silt fence, adjacent to the river contains accumulated sediment. 6/7-10/04/06</p> <p>- The front portion of the site has remaining areas of disturbed soil (due to parking) creating a source of sediment in the swale. 7/19-10/04/06</p> <p>-The area adjacent to the perimeter chain link closer to the river was paved but the adjacent area remains disturbed. 10/04/06</p>	<p>determine final stabilization of the area. 9/29-10/04/06</p> <p>- 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 removed by hand 6/1-10/04/06</p> <p>- Continue to improve water quality to the swale by restoring areas wherever feasible. 6/1-10/04/06</p> <p>Revegetate the adjacent area to the extent feasible. 9/7-10/04/06</p>	<p>technically project jurisdictional).</p> <p>- Needs attention</p> <p>- Needs attention</p> <p>-Needs attention if feasible</p>
	<p>-The swale was well restored and reinforced with stone at the driveway crossing. New haybales were installed at the first culvert 9/29-10/04/06. The remainder of the swale remains as exposed soil 8/16-10/04/06.</p>	<p>-Revegetate/ stabilize the remaining swale if feasible. 8/16-10/04/06</p>	<p>- The swale was reinforced and still needs some final stabilization</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- Hoyts Hill: The wetland remains well protected and well vegetated. Adjacent landscaping was complete; restored areas have revegetated. 10/04/06.</p> <p>-Archers Lane: Restoration at the 1st wetland crossing is complete and adjacent</p>	<p>-Erosion controls could be removed from the wetland along the eastern edge of the station and at the area adjacent to Rt 58. 10/04/06.</p> <p>- Continue to monitor for final stabilization. 10/04/06.</p>	<p>- N/A.</p> <p>-Grass growth was noted</p>

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	<p>areas are restored. Grass growth was noted in restored in areas. 10/04/06.</p> <p>- Norwalk Junction: 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 6/14-10/04/06</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. 5/25-10/04/06.</p>	<p>-Needs attention</p>
<p>Vegetative clearing limits or stabilization</p>	<p>Hoyts Hill: Landscaping with screening trees had occurred along the perimeter of the station. 9/29-10/04/06</p> <p>- Norwalk Junction: -A number of bare soil areas around the perimeter of site should be temporarily stabilized/vegetated. 7/26-10/04/06.</p>	<p>- Continue to monitor for final stabilization. Portions of adjacent slopes were restored with mulch. 10/04/06</p> <p>- Restore perimeter surfaces wherever feasible (even if it is temporary) 6/1-10/04/06.</p>	<p>- Areas were landscaped</p> <p>-Still needs attention</p>
<p>Dewatering Norwalk Junction</p>	<p>-No active dewatering was noted. The NJ swale was reinforced with stone but still needs some attention. 10/04/06</p>	<p>-Complete the restoration of the swale. 8/16-10/04/06.</p>	<p>-Swale was reinforced – continue restoration.</p>
<p>Blasting</p>	<p>- All blasting is complete. 10/04/06</p>	<p>- None at this time.</p>	<p>-N/A</p>
<p>Soils</p>	<p>- Disturbed soils are only present adjacent to the Norwalk Junction yard and the drive into Archers Lane. 10/04/06.</p>	<p>-None. 10/04/06.</p>	<p>-N/A</p>
<p>Spills and Material Storage</p>	<p>- No obvious drips or spills were noted at the inspection. 10/04/06</p>	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Take care to be vigilant when refueling.</p>	

**Next likely scheduled
inspection:**

Friday October 13, 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 Lee Curtis, Susan Infalt, BSC Group



Hoyts Hill Transition Station: Photo on the left shows the restored area along the western slope adjacent to Hoyts Hill Road. This area has re-vegetated rapidly. Photo on the right shows restoration, mulch and landscaping along the southern slope. Grass growth is increasing here. 10/04/06



Photo on the left shows the landscaping along the edge of the wetland below the retaining wall. Photo on the right shows another view of the landscaping from Rt 58. Tire tracks in the wetland area were restored and mulched. Silt fence should be removed from the wetland here and along the eastern edge of the station. 10/04/06



Archers Lane: Photo on the left shows some remaining stockpiles along the access drive. These areas should be restored/vegetated to the extent feasible. Photo on the right shows an overview of the yard. The line and stations will be energized soon. 10/04/06



Photo on the left shows the waterbars installed near the first wetland crossing. Haybales should be placed at the outlets to prevent sediment flow into wetlands. Photo on the right shows grass growth in the restored areas. Silt fence remains in good condition. 10/04/06



Norwalk Junction: Photo on the left shows the view of the paved station yard. No active work was occurring here during the inspection. Photo on the right shows the paved area adjacent to the yard. The disturbed soil surface should be vegetated to the extent feasible. The non-project related berm is degrading. 10/04/06.



Photo on the left shows sediment remaining in the wetland located at the swale outlet. Photo on the right shows new sedimentation in the swale adjacent to Rt 7. Disturbed areas still need to be restored/vegetated. 10/04/06.