

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 13, 2006

Inspector: Diana Walden, Lee Curtis, BSC Group

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

Storm/

Rain Event: Reports range from 0.51-3.44" of rain recorded over 10/11-10/12, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- Hoyts Hill: Access is gained off Hoyts Hill Road. Vehicle tracks resulting from a stored piece of equipment were noted in the previously restored area adjacent to the access drive. 10/13/06.	-Recently seeded and mulched slopes continue to revegetate. Repair vehicle tracking if feasible. 10/13/06.	-N/A
	- Archers Lane: Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 10/13/06. - The wetland crossing was back to original grade and some grass growth was noted in the adjacent areas. 10/13/06.	-The area is in good shape. Silt fence will be removed in the future when vegetation begins to establish. 10/13/06. -Waterbars or swales were installed across the road and haybales should be placed at the outlets. 9/29-10/13/06.	-Some grass growth was noted.
	-Slopes remain disturbed along the access road where 345kV trenching occurred and stockpiles remain. 8/16-10/13/06	- AL contractors will likely need to perform restoration when work is complete here. 5/4-10/13/06	- Needs attention when work is complete
	- Crews appeared to be grading the access drive off Diamond Hill Road, in preparation for paving.	-Continue to monitor until final stabilization is complete in this area. 10/13/06.	-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Actions
<p>Access Roads and Adjacent Roadways continued</p>	<p>10/13/06. Haybales remain in place where water had pooled in the access road near the stone wall. 10/13/06.</p> <p>- Norwalk Junction: Sediment tracking was noted on the access drive and Rt 7. Although the access drive and station yard are paved, a large portion of the site consists of disturbed soils currently undergoing restoration. 10/13/06.</p> <p>-Crews were installing pervious pavers, continuing from the access drive during the inspection. 10/13/06.</p> <p>-The front portion of the yard remains disturbed but topsoil was being placed for final restoration. 10/13/06</p>	<p>-The sediment should be swept at the end of each day. 10/13/06.</p> <p>-Continue to stabilize surrounding areas to reduce the area of disturbance. 10/13/06.</p> <p>- Continue to provide restoration to areas to reduce disturbance. 10/13/06</p>	<p>-Needs attention. (Contractor planned to attend to it)</p> <p>-Restoration is underway.</p> <p>- Restoration is underway</p>
<p>Foundation construction</p>	<p>-At Archers Lane: The yard is now energized. Grading and paving activities were occurring along the access road. 10/13/06</p> <p>-At Norwalk Junction: The yard is now energized. Some restoration work/ vegetative cover continues outside the perimeter fence. 10/13/06.</p>	<p>-None. 10/13/06.</p> <p>- See erosion control section and access road section. 10/13/06.</p>	<p>-N/A</p> <p>- N/A</p>
<p>Erosion and Sediment Controls</p>	<p>-Hoyts Hill: Vehicle tracks were noticed in the previously restored area adjacent to the access drive this week. 10/13/06.</p>	<p>-Repair the vehicle tracks if feasible. 10/13/06.</p>	<p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
<p>Erosion and Sediment Controls continued</p>	<p>-Landscaping/screening trees remain in good shape along the perimeter of the station. Increased grass growth was noted here. 10/13/06.</p> <p>- The restored wetland at the base of slope is well vegetated. 10/13/06.</p> <p>-The southern slope remains further stabilized with areas of mulch and landscaping. Increased grass growth was noted here. 10/4-10/13/06.</p> <p>- Archers Lane: Silt fence along the access road at the 1st wetland is intact and continues to filter overland flow. Grass growth was noted here. 10/13/06</p> <p>-Accumulated sediment was removed from the wetland and the area looks good. 9/29-10/13/06</p> <p>- Water bars were cut into the access road to direct run-off to the woods. 10/13/06.</p> <p>-Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 10/13/06.</p> <p>- The silt fence, where the process stockpile was located, remains in good shape. 10/13/06</p>	<p>-Silt fence can be removed from within the wetland at the eastern side of the yard as adjacent vegetation is stable. 8/24-10/13/06.</p> <p>-Silt fence can be removed along this portion of the wetland as well. 10/13/06.</p> <p>-Continue to monitor for final stabilization. 10/13/06</p> <p>- Continue to monitor for final stabilization. Additional haybales were not yet installed at the water bars as recommended. 10/4-10/13/06</p> <p>- Continue to monitor for stabilization and prevent future sedimentation. 10/13/06</p> <p>-Place haybales at the outlets to prevent sedimentation to the forested portion of the wetland. 10/13/06.</p> <p>-Continue to monitor until final stabilization. 10/13/06.</p> <p>- Re-vegetate the area to the extent practicable. It is still being used for parking 8/9-10/13/06</p>	<p>-N/A.</p> <p>- N/A.</p> <p>- Increased grass growth was noted here.</p> <p>- Grass growth was noted here.</p> <p>- Sediment was removed from wetland.</p> <p>-Needs attention when feasible.</p> <p>- N/A (The drive will be paved)</p> <p>-N/A until access is complete</p>
	<p>- Norwalk Junction: Perimeter silt fence remains in good shape</p>	<p>- None at this time. Continue to monitor controls. 5/17-10/13/06.</p>	<p>-N/A</p>

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	<p>along the river. 5/17-10/13/06. The adjacent, non-project related, berm is degrading and presents a potential source of sedimentation. 10/13/06. -The majority of the sediment was removed by hand from the wetland area located at the swale outlet and clean stone is present. 10/13/06.</p> <p>- The front portion of the site has remaining areas of disturbed soil but topsoil was being spread for final restoration efforts. 10/13/06</p> <p>-Stone was spread out between the perimeter chain link fence and the river but the adjacent area remains disturbed. 10/13/06</p>	<p>- If feasible, work with adjacent landowner to determine final stabilization of the area. 9/29-10/13/06 - Continue to monitor until surrounding areas are stabilized. 10/13/06.</p> <p>- Continue to improve water quality to the swale by stabilizing areas wherever feasible. 6/1-10/13/06</p> <p>Re-vegetate the adjacent area to the extent feasible. 9/7-10/13/06</p>	<p>-Needs evaluation if feasible (not project jurisdictional).</p> <p>- Sediment was removed from the wetland.</p> <p>- Restoration is underway</p> <p>-Needs attention if feasible</p>
	<p>- More stone was placed at the bottom of the swale leading to the outlet. Portions of the swale remains as exposed soil but were being restored at this time. 10/13/06.</p>	<p>-Continue to revegetate/stabilize the remaining swale as soon as feasible. 8/16-10/13/06</p>	<p>- Restoration was currently underway</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- Hoyts Hill: The wetland remains well protected and well vegetated. 10/13/06.</p> <p>-Archers Lane: Grass growth was noted in restored wetland areas. 10/13/06.</p> <p>- Norwalk Junction: Sediment was removed from within the wetland located at the outlet of the</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. 10/13/06.</p> <p>- Continue to monitor until final stabilization. 10/13/06.</p> <p>- Continue to reduce turbidity and sedimentation by controlling the source-</p>	<p>- Erosion controls can be removed.</p> <p>-Grass growth was noted</p> <p>-Sediment was removed from wetland.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	drainage swale. 10/13/06.	disturbed surfaces on site. 10/13/06.	
Vegetative clearing limits or stabilization	Hoyts Hill: Landscaping with screening trees had occurred along the perimeter of the station. 9/29-10/13/06 - Norwalk Junction: -Topsoil was being spread and graded in preparation for final restoration efforts. Restoration is also planned for areas adjacent to the pervious pavers and along the perimeter fence.10/13/06.	- Continue to monitor for final stabilization but vegetation is growing well. 10/13/06 - Continue to restore perimeter surfaces as soon as feasible. 10/13/06.	- N/A -Topsoil is being placed.
Dewatering Norwalk Junction	-No active dewatering was noted. The NJ swale was reinforced with stone but still needs some attention. 10/13/06	-Complete the restoration of the swale. 8/16-10/13/06.	-Swale was reinforced – continue restoration.
Blasting	- All blasting is complete. 10/13/06	- None at this time.	-N/A
Soils	- Disturbed soils are only present adjacent to the Norwalk Junction yard and the drive into Archers Lane. 10/13/06.	-None. 10/13/06.	-N/A
Spills and Material Storage	- No obvious drips or spills were noted at the inspection. 10/13/06	- 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.	

Next likely scheduled inspection:

Wednesday October 18, 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, Lee Curtis, BSC Group



Hoyts Hill Transition Station: Photo on the left shows the restored area along the western slope adjacent to Hoyts Hill Road. Grass growth is increasing here. Photo on the right shows vehicle tracks in the restored area adjacent to the access drive caused by a stored piece of equipment. 10/13/06.



Archers Lane Transition Station: Photo on the left shows crews grading the access road and preparing to pave. **Norwalk Junction:** Photo on the right shows significant sediment within the paved access drive. Some sediment tracking was noted on Route 7 but was supposed to be swept by the end of the day. 10/13/06.



Photo on the left shows the pervious pavers installed as part of the access drive. Disturbed areas remain on both sides of the drive here but are scheduled to be restored. Photo on the right shows disturbed areas remaining adjacent to the swale nearest Route 7. Topsoil was being placed at this time. 10/13/06.



Photo on the right shows the paved area adjacent to the yard. Stone has been spread along the pavement between the wetland and station yard. The non-project related berm is still degrading. Photo on the right shows a view of the wetland located at the swale outlet. Sediment was removed by hand and clean stone is in place. 10/13/06.