

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 27, 2005

Inspector: Don Ukers and Brian Sakidovitch

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

Storm/

Rain Event: An additional 1.8" of rain fell over 10/24-10/25 bringing October's total rainfall to 15 inches which is an 11-inch departure from the average.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 10/27/05.</p> <p>- Archers Lane: A blast along the access road had resulted in more material movement than anticipated and it had piled at the property line/stone wall. . 9/15-10/27/05.</p> <p>- Boulders were beginning to be removed from the stockpile within the site boundaries along the access road. 10/27</p> <p>- Norwalk Junction: Existing asphalt has been removed from the site and erosion controls were restored at the perimeter of the work. Disturbed soil remains over most of the yard. 10/27/05</p>	<p>-Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-10/27/05.</p> <p>- Contractors were aware of the problem and the fact the material had crushed the silt fence here. Work is ongoing to remove the internal pile and will reach the offsite material in time. 10/27/05.</p> <p>- Maintain good perimeter erosion controls throughout the transition station work due to the proximity of the river and wetlands. 10/27/05.</p>
Foundation construction	<p>- The Hoyts Hill station yard has been backfilled and brought to grade but work has not started on structures yet. 10/27/05.</p> <p>- Additional work may be necessary on the southern side</p>	<p>-None at this time. 10/27/05.</p> <p>-The pad may need to be extended here based on the noted erosion issues. See</p>

Areas of Inspection	Observation	Recommended Action
<p>Foundation construction continued</p>	<p>outlet/dissipater pad as erosive gullies were noted. 10/27/05 - No foundation work has begun at Archers Lane as blasting continued along the grade into the site. It was expected that blasting would be completed this week. Boulders were being removed 10/27/05.</p> <p>-Removal of the existing asphalt had occurred but grading and structure installation have not begun yet. The existing culvert under the site will also be removed 10/27/05.</p>	<p>erosion control section 10/27/05.</p> <p>-None at this time. See erosion control section. 9/15-10/27/05</p> <p>-None at this time. See erosion control section. 10/27/05.</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, but a few small sections are in need of minor repairs. 10/19-10/27/05.</p> <p>- The side had been restored well with hydroseed but the recent rains caused a few small erosive gullies. 10/27/05</p> <p>-A larger erosive gully was noted reaching from the southern outlet pipe and dissipater pad. It is likely that the pad will need to be extended. 10/27/05.</p> <p>- Archers Lane: A portion of silt fence along the access road has been pushed down due to the wayward materials. The materials will be pulled back and the fence restored once crews work through the stockpiles to this point. 10/27/05</p>	<p>- Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 10/27/05.</p> <p>- Continue to monitor for vegetative growth. 10/27/05</p> <p>-Investigate whether the stone pad can be extended and restore the erosion caused here. This may have been exacerbated by the mud noted in the catch basin last week. The catch basin should be cleaned out to prolong its usefulness if not already done so. 10/27/05</p> <p>- Repair erosion controls when feasible. 10/27/05</p> <p>- Continue to monitor this</p>

Areas of Inspection	Observation	Recommended Action
	<p>-The silt fence corner at the base of the access road slope was still intact but some sediment had accumulated. 10/12/05-10/27/05.</p>	<p>area, especially after significant rain events. Sediment may need to be pulled away after the rains and repairs may be necessary. 10/27/05.</p>
<p>Erosion and Sediment Controls continued</p>	<p>- Norwalk Junction: The perimeter erosion controls had been well restored for the most part around the edge of the disturbed site. One spot was somewhat in disrepair. 10/27/05</p> <p>-Some brush was noted piled beyond the silt fence. However, it should not be placed in wetland areas. 10/27/05</p> <p>- The paved swale adjacent to the parking lot and the associated inlet were protected with haybales at this time. The entire culvert will eventually be removed as part of the site work. 10/27/05</p>	<p>-Maintain erosion controls as long as there is disturbed soil/work on site. Repairs were made to this spot during the inspection after contractors were made aware of it. 10/27/05</p> <p>- Dispose brush piles if necessary. 10/27/05</p> <p>- This inlet leads to the wetlands and should be protected with erosion controls as long as it is functioning. 10/27/05.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<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. 10/27/05.</p> <p>-Archers Lane: The low spot in the fence should be monitored although wetlands didn't appear to be immediately adjacent. 10/19-10/27/05.</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 erosion controls well installed. Flooding may be an issue</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. 10/27/05.</p> <p>- Continue to maintain silt fence as needed. 10/27/05.</p> <p>- Install and maintain perimeter controls during transition station work. 10/27/05.</p>

Areas of Inspection	Observation	Recommended Action
	during extended periods of rain. 10/27/05.	
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 have recently been hydroseeded for restoration. 10/27/05.</p> <p>- Archers Lane: Work continues in the previously cleared areas however some additional clearing was noted near the intersection with the ROW as part of that work. 10/27/05.</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. 10/27/05.</p>	<p>-Monitor for vegetative cover. It may be difficult to obtain growth due to the late time of year. 10/27/05.</p> <p>-It will have to be confirmed whether this clearing may have been in wetlands and what part of the ROW work it was for. 10/27/05.</p> <p>- Continue to attempt to preserve trees where possible if trimming is sufficient. 10/27/05.</p>
Dewatering	<p>-Dewatering was not necessary here but some erosion had resulted from the catch basin and outlet pipe flows. 10/27/05.</p> <p>- No dewatering has been necessary yet at Archers Lane. 10/27/05.</p> <p>- Booms remaining from the 115kV work were removed from site. Dewatering has not yet occurred for the station work. 10/27/05.</p>	<p>-See Erosion control section. 10/27/05.</p> <p>- None at this time. 10/27/05</p> <p>- None at this time. 10/27/05.</p>
Blasting	<p>- As previously stated, a blast at Archers Lane did cause some wayward material to end up on /over the property line. 9/15-10/27/05.</p> <p>-Preparation for blasting was occurring along the steep grade into the station yard. Blasting is supposed to be complete by the end of this</p>	<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. 10/27/05.</p>

Areas of Inspection	Observation	Recommended Action
	week. 10/27/05.	
Spills and Material Storage	<p>- A piece of equipment at Archers Lane had broken down and absorbent pads were placed appropriately while work was being done. 10/27/05</p> <p>-No other spills were noted at the stations. The stained asphalt at Norwalk Junction would have been removed with the rest of the existing asphalt here and the leak was not observed again. 10/27/05.</p>	<p>-Further investigation is needed to accurately determine the source of the fuel.</p> <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. Se proper storage for all materials.</p>
Additional Observations		

Next likely scheduled inspection:

Wednesday, November 2, 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: Photo on the left shows the overall site yard and recent restoration. Photo on the right shows that minor repairs are needed on the perimeter silt fence. 10/27/05

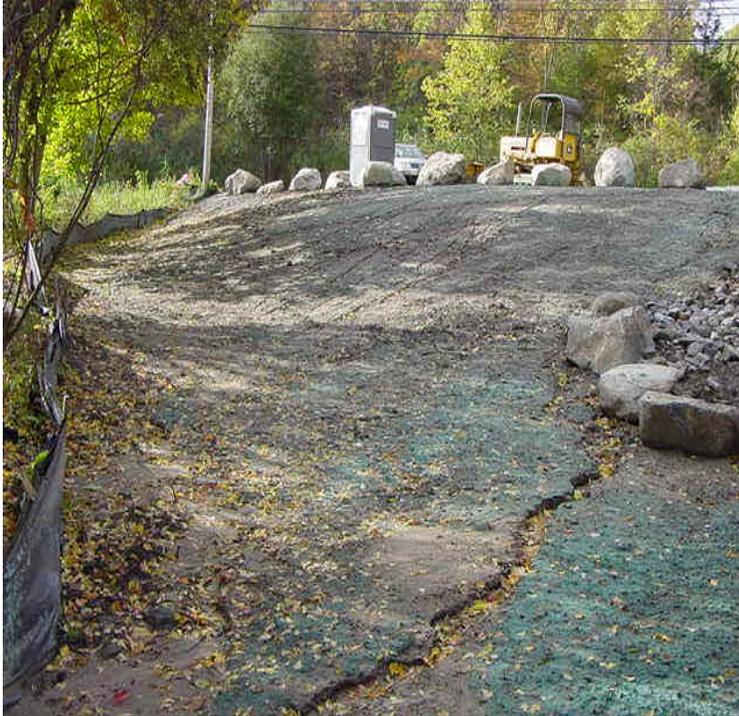


Photo on the left shows where an erosive gully was caused from the heavy flow leaving the outlet pipe. The dissipater pad likely needs to be extended to prevent this and the gully needs repair. Photo on the right shows the recently hydroseeded area. 10/27/05



Archers Lane: Photo on the left shows removal of the boulders stockpiled along the access road. Photo on the right shows preparation for blasting along the grade into the site. Blasting should be complete this week. 10/27/05



Overview of the site work on the station yard here. 10/27/05



Norwalk Junction: The photo on the left shows an overview of the site following the removal of the existing asphalt. The photo on the right shows the transition structure installed by the 115kV contractors. 10/27/05



The photo on the left shows where the perimeter erosion controls had been restored for the station work. The photo on the right shows where some maintenance was needed. Controls were repaired during the inspection after contractors were aware of it. 10/27/05



View of the yard looking towards Rt. 7 where some of the brush clearing had been necessary and the existing asphalt has been removed. 10/27/05



Photo on the left shows a view of the yard where the asphalt was left as the property boundary. Photo on the right shows the edge of the wetlands and standing water beyond the installed silt fence. 10/27/05