

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: May 17, 2006

Inspector: Don Ukers, Ann Schwnezer

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

Storm/

Rain Event: Between 2.37-3.54" of rain was recorded on 5/12 with another 1.30-2.04" over 5/15-5/16 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: Access is gained off Hoyts Hill Road. Sediment tracking was not observed on the roadway. 5/17/06.</p> <p>- Archers Lane: Water levels at the wetland crossings on the access road to the ROW remain below problem levels. 5/17/06.</p> <p>- Slopes remain disturbed along the access road where 345kV trenching occurred. 4/26-5/17/06</p> <p>- Minor sedimentation was also noted through the stone wall from the access drive. 5/4-5/17/06</p> <p>- Norwalk Junction: Sediment tracking did not appear to be an issue at this time. 2/16-5/17/06.</p>	<p>-None at this time. Active work was not occurring and the area remains well contained. 5/17/06.</p> <p>-Crossings and controls are in good shape with the exception of attention needed near the 1st wetland. See other sections 5/17/06.</p> <p>-The area should be restored after vault access and work here is complete. 5/4-5/17/06</p> <p>- Silt fence is down here. Minor amounts of silt are filtering through but are not impacting the wetland. Continue to monitor 5/4-5/17/06</p> <p>-Continue to monitor Rt. 7 at the main access pad. 5/17/06.</p>	<p>-N/A.</p> <p>-Needs attention</p> <p>- Needs attention when work is complete</p> <p>- N/A at this time</p> <p>-N/A</p>
Foundation construction	<p>- At Hoyts Hill: A small area of 345kV XLPE excavation remains at the base of the slope.</p>	<p>-Work will return eventually to continue the trench into Rt.58 5/17/06.</p>	<p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<p>5/17/06.</p> <p>- Active work on the pad was complete for the time and structures were in place. Stone was also spread on the surface of the pad. 5/17/06</p> <p>-At Archers Lane, structure and foundation work continues within the station pad. 3/29-5/17/06</p> <p>-At Norwalk Junction: Work continues on the forms, foundations, and structure installations in the station pad. 3/15-5/17/06.</p>	<p>- None at this time. See erosion control section. 5/17/06</p> <p>- None at this time. The area is contained. 5/17/06</p> <p>- None at this time, the area is contained. See erosion control section for more information. 5/17/06.</p>	<p>- The surface was stabilized with stone.</p> <p>-N/A</p> <p>- N/A</p>
Erosion and Sediment Controls	<p>-Hoyts Hill: The perimeter silt fence along the wetlands at the rear of the station remains in good shape. 4/6-5/17/06.</p> <p>-The northern slope was in good shape and the southern slope had been restored but there are indications the gully was returning. 5/17/06.</p> <p>- Archers Lane: Sediment removal efforts are still needed at the 1st wetland as accumulation increased with recent rains. 4/26-5/17/06.</p> <p>- Another small spot along the silt fence on the access drive to the ROW needs repair as sediment washed over and built up here. 5/17/06</p>	<p>-Monitor and maintain the fence as necessary. 4/6-5/17/06 Vegetation is growing very well in the adjacent wetland 5/17/06</p> <p>-Continue to monitor for stabilization along this slope. If grass cannot stabilize quickly, the outlet pad may still need to be extended. 5/17/06.</p> <p>-Any easily accessible deposits of sediment need to be removed. (Some are over 6") Fine layers of silt can remain. Controls also need to be cleaned up. 4/6-5/17/06</p> <p>- Repair fence and pull back sediment as needed. 5/27/06</p>	<p>- N/A</p> <p>- Needs monitoring</p> <p>- Still needs attention</p> <p>- Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Erosion and Sediment Controls continued	-Minor sedimentation was noted through the stone wall on the access drive. Silt fence was down here. 5/4-5/17/06	- Consider repairing silt fence but sediment amounts are very minor and wetlands are not impacted. 5/10-5/17/06	- Needs attention if feasible
	-Restoration efforts will be necessary along the disturbed slopes of the access road from Diamond Hill. 4/26-5/17/06 - Silt fence was also working within the ROW along the access road, keeping sediment and run-off from the wetland. 5/4-5/17/06	- AL contractors will likely need to perform restoration when work is complete here. 5/4-5/17/06 - Monitor silt fence here. Determine if more coverage is necessary due to the adjacent cleared area. 5/4-5/17/06	- Needs attention - N/A at this time.
	- Norwalk Junction: Haybales were restored as an additional control along the perimeter chain link fence. Perimeter silt fence remains in good shape along the river. 5/17/06.	- None at this time. Continue to monitor controls. 5/17/06.	-Haybales were replaced along the site.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<p>-The old culvert near the silt fence and the river was not observed. It appears to have been buried. 5/17/06.</p> <p>- The swale slopes remain in good shape and grass growth continues. 5/17/06.</p> <p>-The wetland area outside the silt fence adjacent to the river contained pooled turbid water which does not reach the river. 4/26-5/17/06.</p> <p>-Dewatering outfalls to the swale were noted but haybales were removed from the culvert leading to the turbidity noted in the adjacent wetland. 5/17/06</p>	<p>-None at this time. 5/17/06.</p> <p>-None at this time. Continue to monitor. 5/17/06.</p> <p>- This area receives direct runoff from the site through the swale making water quality important. 1/19-5/17/06</p> <p>-Install more controls when dewatering in an attempt to filter out sediment. 5/17/06.</p>	<p>- The culvert appeared to be buried.</p> <p>- N/A</p> <p>- Needs attention</p> <p>- Needs attention</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- Hoyts Hill: The wetland remains well protected at this time. 4/6-5/17/06.</p> <p>-Archers Lane: Watch run-off velocity down the completed slopes and walls. Efforts are needed to remove deposited sediment from the 1st wetland crossing. 5/17/06.</p> <p>- Norwalk Junction: The outlet of the drainage swale is at the headwall of the wetland area. Turbid water is present here in the wetlands but has not had a significant impact on the river. 12/30-5/17/06.</p>	<p>-Continue to monitor this area until slopes have stabilized completely. Vegetation is growing well 5/17/06.</p> <p>- Remove the sediment from the wetland where there are significant buildups. Several inches of sediment were noted. 2/16-5/17/06.</p> <p>-See Erosion Control Section for more details. Reduce turbidity by controlling its source-disturbed surfaces and dewatering on site. 12/30-5/17/06.</p>	<p>- N/A.</p> <p>- Still needs attention</p> <p>-N/A at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: The southern slope gully was repaired and restored but some erosion was returning. 5/17/06.</p> <p>- Archers Lane: no additional clearing was noted here. 5/17/06.</p> <p>- Norwalk Junction: - Vegetative growth was noted in the area between the silt fence and the river. 5/17/06.</p>	<p>- Continue to monitor both slopes for final stabilization. 5/17/06.</p> <p>-None at this time. 5/17/06.</p> <p>- Continue to monitor and restore perimeter surfaces. 5/17/06.</p>	<p>-N/A at this time</p> <p>-N/A.</p> <p>-N/A</p>
<p>Dewatering</p> <p>Hoyts Hill</p> <p>Archers Lane</p> <p>Norwalk Junction</p>	<p>-Dewatering was no longer noted here. Controls are still well in place. 4/6-5/17/06.</p> <p>- Dewatering was not necessary at the time for the excavation. Haybales remain installed across the swale. 4/6-5/17/06</p> <p>-Dewatering was occurring directly to the swales and haybales or other controls were not in place across the culvert. 5/4-5/17/06.</p>	<p>-None at this time. See erosion control section. 5/17/06.</p> <p>- None at this time. 5/17/06.</p> <p>-Add controls as needed whenever dewatering is occurring. 5/17/06.</p>	<p>-N/A</p> <p>-N/A</p> <p>- Needs attention</p>
Blasting	- All blasting is complete at this time. 5/17/06	- None at this time.	-N/A
Soils	<p>- Soil remains at the Archers Lane site from excavations but it is well contained. 5/17/06</p> <p>- A number of soil stockpiles remain at Norwalk Junction as excavation continues. Large stockpiles have silt fence installed at the</p>	<p>- None at this time 5/17/06.</p> <p>- Stockpiles remain contained. See erosion control section. 5/17/06.</p>	<p>-N/A</p> <p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	base. 5/4-5/17/06.		
Spills and Material Storage	<p>-No spills or leaks were noted at the time of inspection. 5/17/06</p> <p>- A concrete deposit had been noted on the ground near the perimeter silt fence. Designate a contained area to wash out extra concrete. 5/10-5/17/06</p>	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site</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>	-N/A at this time
Additional Observations	- The overhead line was installed between Norwalk Junction and the structure off Arrowhead Rd.		

Next likely scheduled inspection:

Thursday May 25, 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 Don Ukers, Ann Schwenzer



Hoyts Hill Transition Station: Photo on the left shows a view of the station pad with structures installed and no active work. The pad surface appeared to be finished as well. Photo on the right shows the open end of the 345kV XLPE work and the well-restored northern slope. 5/17/06



Archers Lane: Photo on the left shows a view of the ongoing work of the transition station from the ROW. Photo on the right shows a spot along the access drive leading to the ROW which could use some repair due to the wash out of sediment. 5/17/06.



Norwalk Junction: Photo on the left shows the haybales installed along the fence as an additional control to the silt fence along the river. Photo on the right shows where turbid water is again collecting in the wetland area at the end of the swale, likely due to dewatering on site. It remains contained to this wetland basin. 5/17/06.



Photo on the left shows dewatering to the culvert to the wetland with no haybales or filtration controls in place.
Photo on the right shows the swale in good shape with the EC blanket in place. 5/17/06.