

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: August 24, 2006

Inspector: Don Ukers, David Stowe

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

Storm/

Rain Event: Depending on location, between 0.13-0.66" of rain was recorded over 8/19- 8/20, with possibly higher localized totals as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- Hoyts Hill: Access is gained off Hoyts Hill Road. The driveway was recently paved. 8/24/06.	-The gully will be filled in if necessary now that the driveway is paved. 8/24/06.	-N/A
	- Archers Lane: Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 8/24/06.	-The 1 st wetland crossing needs some maintenance and sediment removal. See the EC section. 6/28-8/24/06.	-Needs attention
	- The silt fence along the access road remains in place but significant accumulated sediment still needs to be removed from the wetland 7/26-8/24/06	- This area will also need some final stabilization measures as this is an ongoing problem. Remove sediment carefully by hand 8/9-8/24/06	- Needs sediment removal.
	-Slopes remain disturbed along the access road where 345kV trenching occurred and stockpiles remain. 8/24/06	- AL contractors will likely need to perform restoration when work is complete here. 5/4-8/24/06	- Needs attention when work is complete
	- Haybales remain in place where water had pooled in the access road near the stone wall. 8/24/06	-Continue to monitor for more permanent solutions. 8/24/06	-N/A
			-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways continued	- Norwalk Junction: Sediment tracking did not appear to be an issue at this time. 5/25-8/24/06.	-Continue to monitor Rt. 7 at the main access pad. 8/24/06	
Foundation construction	<p>-At Archers Lane, Soil disturbing work appears complete. Stone was in place in the yard. 8/24/06</p> <p>-At Norwalk Junction: Work continues on the forms, foundations, and structures in the station pad. 8/24/06.</p> <p>- The adjacent storage center built an earthen/fabric berm along the silt fence adjacent to the site. 5/25-8/24/06</p>	<p>-None at this time. 8/24/06</p> <p>- None at this time. See erosion control section 6/1-8/24/06</p> <p>- This is not project related/jurisdictional or covered under the permit held by NU. 5/25-8/24/06</p>	<p>-N/A</p> <p>- N/A</p> <p>- N/A – not project jurisdictional</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. 4/6-8/24/06.</p> <p>- The areas where the filter bags were removed were restored as part the timber mat removal at the base of slope. 8/16-8/24/06</p> <p>-One small gully in the southern slope remains along the stone pad. The surrounding area is revegetating and may be stabilized. 8/16-8/24/06.</p> <p>- Archers Lane: Silt fence along the access road at the 1st wetland was repaired but significant accumulated sediment remains in the wetland. 7/5-8/24/06</p>	<p>-Fence can likely be removed from most areas as adjacent vegetation is stable. 8/24/06 Vegetation is growing very well in the adjacent wetland 8/24/06</p> <p>- Continue to monitor as the area revegetates. 8/16-8/24/06</p> <p>-Determine if the area has stabilized adequately or if the gully still needs restoration. 8/16-8/24/06.</p> <p>- Remove sediment carefully by hand. 7/5-8/24/06 NU is looking into final stabilization measures as this is an on-going problem. 8/16-8/24/06</p>	<p>- N/A</p> <p>- N/A.</p> <p>- Needs attention when feasible</p> <p>- Still needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Erosion and Sediment Controls continued	<ul style="list-style-type: none"> - The 2nd wetland crossing at the ROW was in good shape although a few of the repaired areas upgradient started to erode again. 8/16-8/24/06 - Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 8/3-8/24/06 - The silt fence where the process stockpile remains in good shape. 8/24/06 	<ul style="list-style-type: none"> - See Overhead report. 8/16-8/24/06 -Continue to monitor. 8/24/06 - Revegetate the area to the extent practicable but it is still being used for parking 8/9-8/24/06 	<ul style="list-style-type: none"> - N/A - N/A -N/A until access is complete
	<ul style="list-style-type: none"> - Norwalk Junction: Perimeter silt fence remain in good shape along the river. 5/17-8/24/06. -The wetland area outside the silt fence adjacent to the river contains accumulated sediment. 6/7-8/24/06 - Adjacent areas on site are not stable or have soil disturbance leading to additional sediment in the swale. 7/19-8/24/06 This includes the area adjacent to the perimeter chain link fence by the river. 7/26-8/24/06 -The portion of the swale that was filled in has been regraded but remains exposed 8/16-8/24/06 	<ul style="list-style-type: none"> - None at this time. Continue to monitor controls. 5/17-8/24/06. - The silt is contained and does not yet reach the river. Wetland vegetation was also noted growing here, but silt has built up at the stone outlet and should be removed by hand 6/1-8/24/06 - Remove accumulated sediment from the swale and continue to improve water quality to the swale by restoring areas wherever feasible. 6/1-8/24/06. -Place stone and revegetate to restore the swale to previous conditions. 8/16-8/24/06 	<ul style="list-style-type: none"> -N/A - Needs attention - Needs attention - Needs attention
Inland Wetland and Watercourse encroachment and	<ul style="list-style-type: none"> - Hoyts Hill: The wetland remains well protected and well vegetated 8/24/06 	<ul style="list-style-type: none"> -Continue to monitor this area until slopes are stabilized completely. 8/16/06. 	<ul style="list-style-type: none"> - N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
mitigation	<p>-Archers Lane: Watch run-off velocity down the completed slopes and walls. Deposited sediment in the 1st wetland crossing needs to be removed. 6/28-8/24/06.</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 6/14-8/24/06</p>	<p>- Carefully remove the sediment from the wetland where there are significant buildups. Some areas have almost 6 inches. 6/28-8/24/06.</p> <p>- Reduce turbidity by controlling its source-disturbed surfaces and dewatering on site. The area does not seem affected but deeper sediment buildup at the outlet should be removed. 5/25-8/24/06.</p>	<p>- Still needs attention. NU is evaluating more permanent solutions</p> <p>-Needs attention during this dry period</p>
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 or stabilization	<p>-Hoyts Hill: One gully remains through the stone pad on the southern slope. 6/28-8/24/06.</p> <p>- Archers Lane: Consider final stabilization measures for the area so turbid run-off to the wetland will be reduced. 7/26-8/24/06.</p> <p>- Norwalk Junction: -A number of bare soil areas around the perimeter of site should be temporarily stabilized/vegetated due to sediment loading to the swale. 7/26-8/24/06.</p>	<p>- The surrounding area is revegetating. See erosion control section. 6/7-8/24/06.</p> <p>-NU is evaluating potential solutions here. 7/26-8/24/06.</p> <p>- Restore perimeter surfaces wherever feasible (even if it is temporary) 6/1-8/24/06.</p>	<p>-Needs attention when feasible</p> <p>-Needs evaluation</p> <p>-Needs attention</p>
Dewatering Norwalk Junction	-Active dewatering occurs somewhat regularly to the swale. However, some portions need restoration. 8/24/06	-Restore swale when feasible. 8/16-8/24/06.	-Needs attention

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Blasting	- All blasting is complete. 8/24/06	- None at this time.	-N/A
Soils	- A few soil stockpiles remain at Norwalk Junction as excavation continues 8/24/06.	- Stockpiles remain contained. See erosion control section. 8/24/06.	-N/A
Spills and Material Storage	- Some drips/spots were noted in the yard at Norwalk Junction. Take care to remove affected soil and maintain equipment. 8/24/06	- 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:

Wednesday August 30, 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 and David Stowe



Hoyts Hill Transition Station: Photo on the left shows the newly paved drive up to the station. Photo on the right shows the restored wetland area at the base of the slope near Rt 58. 8/24/06



Archers Lane: Photo on the left shows a view at the yard along the remaining ledge. Crushed stone is in place. Photo on the right looks towards the stone swale leading towards the wetlands at the base of slope. 8/24/06



Norwalk Junction: Photo on the left shows an view of the swale which will need to be restored and stabilized. Accumulated sediment should be removed. Photo on the right shows the haybales remaining at the culvert which helps to filter some sediment. However, it is still accumulating in the wetland area at the outlet. 8/24/06.



Both photos show the ongoing work on the structures and equipment in the station yard. 8/24/06.