

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: November 17, 2005

Inspector: Brian Sakidovitch

Location: Overhead Line (Composite 345kV and 115kV Gallows Hill to Archers Lane)

Storm/

Rain Event: Approximately 0.54- 1.02" of rain fell over 11/16-11/17 as reported by NOAA

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> - The ROW is accessible from Gallows Hill Road by an existing trail path with a swing gate, an approved access path in from the east of the ROW, and the access road previously used for the Archers Lane substation. 11/17/05 - The ROW is less muddy but remain aware of any ruts created from tracking. 11/17/05 -All low spot/wetland crossings along the ROW have worked very well to filter out sediment from the wetland. 11/17/05 - Sediment tracking was not noted at Gallows Hill during this inspection. 11/17/05 	<ul style="list-style-type: none"> -Most roads are in good shape. Consider using mats whenever the soil is not stable enough. If any areas still have ruts at the end of the work, it will have to be regraded to return to original conditions. 11/17/05 - The wetland areas will be restored when all work in this section is completed as this is considered temporary access. See erosion control section for more detail. 11/17/05 - Continue to monitor for any issues. 11/17/05
Foundation construction	<ul style="list-style-type: none"> -Installation of foundations and poles continue at a number of structure locations along the ROW on both the Gallows Hill and Archers Lane portions. 11/17/05 -Several poles were in place adjacent to the foundation in preparation for installation. 11/17/05 	<ul style="list-style-type: none"> - Although there were some stockpiles placed at some sites, most are in upland areas and well contained. 11/17/05 -None at this time. 11/17/05

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	<p>-Drilling operations had occurred in preparation for a structure foundation adjacent to Archers Lane. 11/17/05</p>	<p>- None at this time. 11/17/05</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) Erosion and Sediment Controls</p>	<p>-Silt fence is still mostly in place along the low wetland spots on the access path. Continue to check status of silt fence along the crossings. 11/17/05</p> <p>- Either turbid dewatering from an excavation or a concrete washout was noted to the left upon entering the ROW from the Archers Lane station access. This apparently drained to a potential wetland area. 11/17/05</p> <p>- Silt fence was in place around several stockpiles on the ROW. Almost all are in upland locations. 11/17/05</p> <p>- The tarp/basin used either for concrete washouts or dewatering the foundations remained on the ROW near Gallows Hill. 11/17/05</p> <p>- Conditions had dried out at the transition station/ROW edge where clearing had occurred for the new structure. 11/17/05</p>	<p>- The silt fence has done a very good job of keeping turbid water out of the wetlands. It should be maintained as needed to continue its use. 11/17/05</p> <p>- It is difficult to tell the two discharges apart due to the stone dust coloration of the mud commonly in the excavation holes. Regardless, this should have been controlled, especially in a potential wetland area. The discharge should be scraped up and removed as best feasible. 11/17/05</p> <p>- Silt fence could be extended along at one of the upland piles if sedimentation issues are noted. 11/10-11/17/05</p> <p>- Continue to use these areas as needed and maintain them. 11/17/05</p> <p>-Extend erosion control in this location if it becomes necessary. 11/17/05</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>-The D&M plan approved stone on geotextile fabric at the first wetland crossing is still working very well but continue to toe in fence as necessary. 11/17/05</p> <p>-There was a concrete washout or excavation-dewatering discharge to a potential</p>	<p>- None at this time, the crossings have been used consistently. As the access is considered temporary, the stone will be removed when final work ends so the wetlands can be restored. 11/17/05</p> <p>-Contain and remove whatever</p>

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	wetland area near Archers Lane. 11/17/05	solid sediment remains here. 11/17/05
State species of concern, threatened and endangered species	<p>- The overhead portions have been identified as having potential habitat for several state listed species, including several species of turtles and plants. This particular portion of overhead work includes the turtle habitat area. 9/15-11/17/05</p> <p>-The Eastern box turtle has not been observed since the first sighting and are likely in the process of hibernating. 11/17/05.</p>	-Crews have been doing daily sweeps for any turtles in the work areas and noting the results of their efforts on daily construction reports. 11/17/05
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The ROW had been mowed in this section in order to allow for truck access and foundation construction. Vegetation that did not need to be removed was left in place on either side of the access path 9/15-11/17/05</p> <p>- Clearing at the Archers Lane/ROW edge was done by CL&P for the recently approved access road to a new structure to be constructed just off the station yard. 11/2-11/17/05</p>	<p>-None at this time. In general limit clearing to those areas necessary. 11/17/05</p> <p>- Extend erosion controls here if necessary. 11/17/05</p>
Dewatering	<p>- As stated previously, dewatering from an excavation may have occurred in an uncontrolled location to a wetland. 11/17/05</p> <p>The tarp basin near Gallows Hill remains on the ROW. 11/2-11/17/05</p>	<p>-Remove any sediment accumulation from the ground here. 11/17/05</p> <p>- Release water to the ground only in well vegetated areas and if it will not reach any resource areas. 11/17/05</p>
Blasting	-No blasting has been necessary at this time on the ROW. 11/17/05	-None at this time. 11/17/05

Areas of Inspection	Observation	Recommended Action
Spills and Material Storage	- No further spills or drips were noted at this inspection and the issue last week was handled appropriately. 11/17/05	<ul style="list-style-type: none"> - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Keep adequately size fuel kits for worst case scenarios. - 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. Use proper storage for all materials.
Additional Observations		

Next likely scheduled inspection:

Wednesday November 23, 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 Brian Sakidovitch



Overhead ROW: Either turbid dewatering from an excavation or a concrete washout was noted along the ROW immediately to the left of the access road coming in from Archers Lane. 11/17/05



The dewatering or washout had drained to a potential wetland area here. It is difficult to determine what the component was as they look similar but either way, the discharge should have been controlled here. 11/17/05



Photo on the left shows a view of the clearing near the Archers Lane/ROW intersection. Photo on the right shows a pole in place for installation. (Photos taken on 11/10/05)



Overall view of the access road leading down the ROW with a structure installed in the distance. (Photo taken on 11/10/05)