

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: September 7, 2006

Inspector: David Stowe

Location: 345kV XLPE Component

Storm/

Rain Event: Between 0.45-0.74" of precipitation was recorded over 9/2-9/3 depending on location and as reported by NOAA. Local totals may vary.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	-At the jack and bore of East Swamp Brook, the jacking pit repair is being backfilled and graded. Access is gained from Whittlesey Dr. 9/7/06. - A catch basin adjacent to the work area had a new filter liner control in place 9/7/06 - A small area along the ball park access drive remains disturbed due to trailers having parked there 8/16-9/7/06 - Vault access continues to be necessary in a few locations. Vehicles had parked in temporarily restored, grassed areas. 8/16-9/7/06	- Continue to keep roadways swept as equipment enters. Some tracking/run-off to the gutter was noted on Plumtrees Rd. 9/7/06. - Continue to sweep and clean gutters along the roadway. 9/7/06 - Restore this adjacent area when feasible. Continue to monitor the lawn area for stabilization. 8/16-9/7/06 - Plan to re-seed all these areas after access is complete. 8/16-9/7/06	- Needs some attention -Liner was replaced - Continue to restore park. - N/A until access is complete.
Trench and foundation construction	-The jacking pad repair area was being backfilled and graded. Disturbed soil and stockpiles are still present. 9/7/06	-None. 9/7/06	-N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
Trench and foundation construction	-Vaults were being accessed along the route. 5/25-9/7/06	-None at this time. 9/7/06	- N/A
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Silt fence is down at vault 2A&B and the area needs revegetation due to the previous parking and traffic here. 9/7/06 -The erosion control blankets remained in place along the bank. Vegetation remains sparse along the banks. 9/7/06 - The lawn area along the ball park access had increasing grass cover and silt fence is in good shape. 9/7/06 - The up and down gradient lines of silt fence are installed well and in good shape. 9/7/06 - Vault 5 is one of the few remaining areas to restore following access. Several loam stockpiles were noted here. 9/7/06	-The area will need to be permanently re-seeded and restored. 8/16-9/7/06 -Continue to monitor until vegetation has established. 8/16-9/7/06 Consider adding more grass seed along the bank to get some cover. 9/7/06 - Continue to monitor until vegetation has established and restore the adjacent trailer parking area in the park. 9/7/06 -Continue to monitor as the area is restored. 9/7/06 - Continue to monitor and restore when access finishes up. 8/16-9/7/06	-Needs attention before the end of the growing season. -May need attention before the end of the growing season. -N/A at this time. - Controls were repaired and reinforced. - N/A until access is done.
Inland Wetland and Watercourse encroachment and mitigation	-The banks of East Swamp Brook remain in good shape but could use additional vegetation. 9/7/06 - The restored wetland at the base of slope at Hoyts Hill had vegetative cover returning. Areas of ponding water were also noted after the rains. 8/30-9/7/06	-Continue to monitor until final stabilization and consider adding grass seed for cover. 9/7/06 - Continue to monitor until final stabilization. Vegetative growth continues. 9/7/06	May need attention prior to next growing season -N/A

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State species of concern, threatened and endangered species	-The D&M plan and clearance letter states that state-listed species are not located in this work area. -The wood turtle was noted at Plumtree Substation during the 5/25/06 inspection.	- N/A -345kV XLPE crews should also be performing daily walkthroughs before moving equipment if working in this vault. Be vigilant when moving equipment. 4/26-9/7/06	-N/A - N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- Most restored areas had noticeable grass growth. A few vaults had required parking in previously restored areas. 8/24-9/7/06 - Vault 2 needs to be restored due to the heavy parking traffic. 9/7/06 - The area near vault 5 remains to be restored. Loam stockpiles were in place 8/30-9/7/06 - The jacking pit pad will also need final restoration when repairs are complete. 9/7/06	- Continue to monitor for final stabilization and restore any recently/ currently accessed areas as necessary. 8/16-9/7/06 - Seed and restore the area prior to the end of the growing season. 9/7/06 - Remaining areas will be restored when access needs are complete. 7/5-9/7/06 - Restore when feasible. 9/7/06	- Needs attention when access is complete -Needs attention - N/A until access needs are complete -N/A at this time
Dewatering	- Dewatering was needed again at the repairs at the jack and bore. Water was being directed into a vegetated area and runs to the silt fence. 8/30-9/7/06	- Silt fence/controls are in good shape. 9/7/06	- N/A at this time
Soils	- Topsoil remains stripped and stockpiled at the contractor yard. 3/15-9/7/06 - Some stockpiles remain at the jacking pit pad as the area is graded. 9/7/06 - A few small piles of loam were noted for restoration purposes	- None at this time. Controls are well installed here. 3/15-9/7/06 - See erosion control section - None at this time. 8/30-9/7/06	- N/A -N/A - N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
	along the route 8/30-9/7/06		
Spills and Material Storage Areas	- Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-9/7/06	- Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.	-N/A at the time

Next likely scheduled inspection:

Wednesday September 13, 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 David Stowe



345kV XLPE: Both photos show the restored area in the ball park and near the streambank. Grass growth is returning and silt fence is in good shape. Continue to monitor. 9/7/06



Photo shows vegetative growth returning in portions along the streambanks with the erosion control blankets in place. Some areas remain sparse and could use additional cover. 9/7/06



Photo on the left shows the grading and backfill work at the jacking pit at the jack & bore. Good silt fence is in place. Photo on the right shows the down-gradient line of silt fence in good shape.
9/7/06



Photo shows the restored wetland area off Rt 58 which continues to revegetate. Pooling water was also present after the rain. 9/7/06