

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: December 8, 2005

Inspector: Don Ukers and Brian Sakidovitch

Location: 115 kV Underground Route

Storm/

Rain Event: Very little significant precipitation has been recorded since the last inspection with 0.11” in the form of snow/freezing rain on 12/4 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: Scaffolding was in place for continued work on the structures. 12/8/05	-See erosion control section for specifics. 12/8/05
Hoyts Hill Transition Structure	- Scaffolding was still in place for work on the pole structure. 12/8/05	- See erosion control section for specifics. 12/8/05
Gallows Hill Road and Rt. 107, Redding	- Several crews were noted working internal to the vaults on Gallows Hill. 12/8/05 -Most permanent grade roadway work was noted near Putnam Park. 12/8/05 - Bituminous curbing has been installed to complete the island at the Rt. 107 90 degree turn. 12/8/05 - Storage areas along Rt. 107 remain in partial use. 12/8/05	-None at this time. 12/8/05 - See additional sections. 12/8/05 - The island area was also mulched. 12/8/05 - See additional sections for more information. 12/8/05
Rt. 58, Bethel	- Most permanent grade roadway work along Rt. 58 is finishing up with a vault crew working near the Sunoco. 12/8/05	- See additional sections for more information. 12/8/05

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Broad Street/ROW, Norwalk	<ul style="list-style-type: none"> - The jack and bore under the railroad on Broad St. is finishing up. 12/8/05 - Separate work by Henckels and McCoy was also noted here on a gas line. 11/23-12/8/05 	<ul style="list-style-type: none"> -Activities are minimal here. 12/8/05 -This is a separate contractor, not monitored under the project. 12/8/05
Broad Street/ROW, Norwalk	<ul style="list-style-type: none"> - Sediment tracking was no longer noted on the road. 12/8/05 - The ROW is awaiting construction of the bike path but partial snow cover is now present. 12/8/05 	<ul style="list-style-type: none"> -Road sand from snow removal will now be on the roadways as well. 12/8/05 - None at this time. 12/8/05
Main Ave. / Rt. 7, Norwalk	<ul style="list-style-type: none"> -Work internal to a vault was noted at the Shell station- Broad St/Main Ave intersection. 12/8/05 	<ul style="list-style-type: none"> -None at this time. Continue any clean up efforts as necessary. 12/8/05
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p> <p>Bethel Educational Park</p>	<ul style="list-style-type: none"> - The northern ROW was placed with stone for equipment access but some portions were somewhat rutted. 12/1-12/8/05 -Scaffolding and shrouds were in place at the northern structure and work was ongoing. 12/8/05 - Some remaining ruts were also noted along the southern access road. 12/8/05 	<ul style="list-style-type: none"> -Some mulch should be placed on ruts when access needs are complete but snow cover is now a factor. 12/8/05 - Some mulch should be placed on ruts when access needs are complete but snow cover is now a factor. 12/8/05
Hoyts Hill Riser Transition Structure (Off Rt. 58)	<ul style="list-style-type: none"> -Scaffolding is in place and work is nearing completion on the pole structure. 12/8/05 - Equipment access has created ruts along the sides of the drive in the mud. 11/23-12/8/05 	<ul style="list-style-type: none"> - The ruts should be graded and mulch added to the area when the equipment access is complete but snow cover is now a factor. 12/8/05

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Route 58	<ul style="list-style-type: none"> - Work was only noted internal to vaults on the roadway this week. 12/8/05 - The stream at Sara's Way remains clear and in good shape. 12/8/05 - Continue to monitor the stream near the vault at Putnam Park. It was running very clear but bare soil had been located around it. 12/1-12/8/05 - Controls at the Putnam Park storage area are still in place with some continued use. 12/8/05 -The Sunset Hill Rd. storage area silt fence is still in place and the area is partially cleaned up. 12/8/05 	<ul style="list-style-type: none"> -Continue to restore the edge of roadway with mulch if feasible following equipment access and curb installation. 12/8/05 - Continue to monitor for complete restoration along the banks but the area is mostly stable. 12/8/05 - Monitor the area for any erosion issues and mulch the area if feasible when vault work is done. 12/1-12/8/05 -Keep erosion controls in place as long as bare soil remains. 12/23/05
Gallows Hill Road	<ul style="list-style-type: none"> -The roadway and adjacent work areas are largely stabilized. Work is internal to vaults 12/8/05 	<ul style="list-style-type: none"> - None at this time 12/8/05
Rt. 107 (Lonetown Rd)	<ul style="list-style-type: none"> - Active roadway repair work was ongoing near Putnam Park. 12/8/05 - The new curbed island was mulched. 12/8/05 - Silt fence was down in some portions of the Redding CC storage area as well as at the storage area south of the 90 degree turn on Rt. 107. 12/8/05 - Some vault work was still in place at Lois Lane (vault #8). 12/8/05 	<ul style="list-style-type: none"> - Continue to restore the edge of roadway with mulch if feasible following equipment disturbance and curb installation. 12/8/05 - Monitor and repair the fence here as long as storage continues in these areas. 12/8/05 - Restore the area if feasible although snow cover is now a factor. 12/8/05
Broad Street and ROW, Norwalk	<ul style="list-style-type: none"> - The ROW is awaiting construction of the bike path but snow cover is now a factor 12/8/05 - A disturbed area near the cemetery could use some mulch if feasible. 12/8/05 	<ul style="list-style-type: none"> - Continue to maintain silt fence where needed. 12/8/05 -Snow cover is now a factor. 12/8/05

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Main Ave/ Rt. 7, Norwalk	- Controls remain in place at the Merritt clover leaf concrete washout area. 12/8/05	- None at this time. 12/8/05
Contaminated Soils	-Soil disposal is no longer a major component of the project as most areas of trench work are completed. Clean process was brought in to bring roadways to grade and is mostly used up. All remaining soil work is still being handled as approved. 12/8/05	- All soils appear to be handled appropriately. A few stone piles remain. 12/8/05
Adjacent Wetlands and Waterways	-The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 12/8/05 - A small stream crossing near Putnam Park at a vault setup also remains clear at this time. 11/23-12/8/05	- None at this time. Continue to monitor for final vegetative stabilization. 12/8/05 - Monitor as bare soil and vault work remains around the stream. 12/1-12/8/05
Staging, Storage, and Parking Areas	- The Redding Yard has been removed from the inspection route. 12/8/05 - At the storage area off Rt. 58 near Putnam Park controls remain in good shape with equipment still using the area. 12/8/05 - The silt fence at Sunset Hill Rd. storage yard remains as the area is in a state of partial clean-up. 12/8/05 -The area across from the country club near the 90 degree turn on Rt. 107 is down and may need repair as the area continues to be used. 12/8/05	- None at this time. 12/8/05 -Retain the silt fence here due to the proximity of the pond while the yard is still in use and the surface disturbed. 12/8/05 - Maintain fence as long as the area is being used but it can be pulled if the storage areas are mulched/restored. Snow cover may now be factor.12/8/05 - Maintain fence in the Rt. 107 yards as they are in use and have disturbed soil. 12/8/05
State species of concern, threatened and endangered species	- No species of concern are located in the areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- A few areas as noted had ruts caused by equipment access. They should be re-restored when feasible although snow cover will now be a factor. 12/8/05	- The D&M plan requires that disturbed areas that will be left for more than 21-30 days before work returns, should be temporarily stabilized with

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		mulch or seed within 7-14 days.
Dewatering	-Dewatering is usually only needed near duct proofing activities now that trench work is complete. Dewatering from any work conducted by Mass Electric/Kiewit is directed back to the ground or catch basins through controls. 10/27-12/8/05	- Continue to use filtration prior to discharging any water. 12/8/05
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.
Spills and Material Storage	<p>- A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-12/8/05</p> <p>- In general catch basins, inlets and swales should continue to consistently be protected especially in any remaining roadway repair activities. Efforts have been good at this point. 12/8/05</p>	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled.</p> <p>- The contractors should remain vigilant about securing and handling fuel and material containers.</p> <p>- Equipment and materials should not be stored in wooded areas unless it is designated for storage.</p>

Next likely scheduled inspection:

Wednesday, December 14, 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



115kV (Broad Street): Photo on the left shows a view of the overpass on Broad Street where all stone pavers were well restored. Photo on the right shows the ROW with the beginnings of snow cover. 12/8/05



115kV (Rt. 7/Main Ave): Work internal to the vault was observed near the Broad St./Main Ave. intersection. 12/8/05



115kV (Storage yards). Photo on the left shows the Putnam Park storage area still in use by pieces of equipment. Photo on the right shows the Sunset Hill Rd. storage yard in a state of partial clean up. Controls are still in place in both locations. 12/8/05



115kV (Rt 107). View of the newly restored/constructed island at the Rt. 107 90 degree turn. 12/8/05



115kV: (Hoyts Hill) View of the scaffolding and work on the pole structure here. Work is nearing completion. 12/8/05



115kV: (Bethel Education Park) Photo on the left shows a view of the work on the north tower with scaffolding and shrouds. Photo on the right shows the view along the southern tower access drive. 12/8/05