

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 1, 2005

Inspector: Don Ukers and Brian Sakidovitch

Location: 115 kV Underground Route

**Storm/
Rain Event:** Approximately 0.88- 1.49" of rain fell over 11/29-11/30 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: Equipment returned to place the scaffolding and risers along the structures. Stone was placed along the northern access road. 12/1/05	-See erosion control section for specifics. 12/1/05
Hoyts Hill Transition Structure	- Scaffolding was still in place to install risers along the pole structure. 12/1/05	- See erosion control section for specifics. 12/1/05
Gallows Hill Road and Rt. 107, Redding	- Splicing and cable pulling are ongoing. 12/1/05 -Most permanent grade roadway work along Rt. 107 is finishing up with some work noted near Putnam Park. 12/1/05 - Bituminous curbing work and restoration work is ongoing. 12/1/05 - Storage areas along the Rt. 107 roadway remain in use. 12/1/05	-None at this time. 12/1/05 - See additional sections. 12/1/05 - See additional sections for more information. 12/1/05
Rt. 58, Bethel	- Most permanent grade roadway work along Rt. 58 is finishing up with some work noted near the Sunoco. 12/1/05 - Bituminous curbing work and restoration is ongoing. 12/1/05	- See additional sections for more information. 12/1/05
Broad Street/ROW, Norwalk	- The jack and bore under the railroad on Broad St. is being brought to grade as both pits are filled in. 11/23-12/1/05 - Separate work by Henckels and McCoy was also noted here on a gas line. 11/23-12/1/05	-Activities were fairly well contained here. See additional sections for more information. 11/23-12/1/05 - Grading is ongoing at this time. 11/23-12/1/05

Areas of Inspection	Observation	Recommended Action
<p>Broad Street/ROW, Norwalk</p>	<ul style="list-style-type: none"> - Sediment tracking was noted building up on the road. 12/1/05 - The ROW is awaiting construction of the bike path. 11/23/05 -Pavers are restored along the Broad St shoulder under the overpass. 12/1/05 	<ul style="list-style-type: none"> -The road should be swept to remove sediment. 12/1/05 - Conditions were currently muddy but controlled 12/1/05 - None at this time. 12/1/05
	<p>Rt. 7, Norwalk</p> <ul style="list-style-type: none"> - Trenchwork along Rt. 7 is essentially complete. 12/1/05 - The Merritt cloverleaf concrete washout appears to have little use from this project any longer. 11/23-12/1/05 	<ul style="list-style-type: none"> -None at this time. Continue restoration efforts as necessary. 12/1/05 -See erosion control and storage sections for additional information. 12/1/05
<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. 12/1/05 -Scaffolding is in place at the northern structure to install risers along the pole. 12/1/05 - Several small washouts were noted along the southern ROW access drive. 12/1/05 - Muddy ruts were also noted along the southern access road. 12/1/05 - The slope at the southern end of the ROW remains fairly stable. 12/1/05 	<ul style="list-style-type: none"> -Some mulch should be placed on ruts when access needs are complete. 11/23-12/1/05 - The gullies should be placed with stone to prevent sedimentation. 11/10-12/1/05 - Some mulch should be placed on ruts when access needs are complete. 11/23-12/1/05 - If necessary, place mulch and seed or less preferable, stone along the slope to further stabilize. 12/1/05
	<p>Hoyts Hill Riser Transition Structure (Off Rt. 58)</p> <ul style="list-style-type: none"> -Work returned to install risers along the pole structure and equipment access has created ruts along the sides of the drive in the mud. 11/23-12/1/05 	<ul style="list-style-type: none"> - The ruts should be graded and mulch added to the area when the equipment access is complete. 12/1/05
	<p>Route 58</p> <ul style="list-style-type: none"> - Roadways continue to be brought to grade in a few remaining locations. Bituminous curbing was being placed with soil restoration ongoing behind it. 12/1/05 	<ul style="list-style-type: none"> -Continue to restore the edge of roadway with seed/mulch if necessary following equipment access and curb installation. 12/1/05

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Gallows Hill Road	- The stream at Sara's Way remains clear and in good shape. 12/1/05	- Continue to monitor for complete restoration along the banks but the area is mostly stable. 12/1/05
	<p>- Continue to monitor the stream near the vault at Putnam Park. It was running very clear but bare soil is located around it. 12/1/05</p> <p>- Controls at the Putnam Park storage area are still in place. 12/1/05</p> <p>-The Sunset Hill Rd. storage area silt fence is still in place and the area is being cleaned up. 12/1/05</p>	<p>- Monitor the area for any erosion issues and mulch the area when vault work is done. 12/1/05</p> <p>- None at this time. 12/1/05</p> <p>-Keep erosion controls in place as long as bare soil remains. 12/23/05</p>
	-The roadway and adjacent work areas are largely stabilized. 12/1/05	- None at this time 12/1/05
	Rt. 107 (Lonetown Rd)	<p>- Active roadway repair work was ongoing in a few remaining areas. Bituminous curbing is being installed with soil restoration ongoing behind it. 12/1/05</p> <p>- Silt fence was down in some portions of the Redding CC storage area. 12/1/05</p> <p>- The storage area south of the 90 degree turn on Rt. 107 had some very worn silt fence in place. 11/23- 12/1/05</p> <p>- It should be confirmed whether the bank cut area at Lois Lane (vault #8) has been restored with seed and mulch. 12/1/05</p>
Broad Street and ROW, Norwalk		- The silt fence is well installed along most of the ROW and the area is awaiting construction of the bike path. 11/23-12/1/05
	<p>-Mulch was placed along the bare slope leading to the ROW and pavers were restored. 12/1/05</p> <p>- A disturbed area near the cemetery could use some mulch. 12/1/05</p>	<p>- None at this time. 12/1/05</p> <p>-Continue to stabilize all roadsides. 11/23/05</p>

Areas of Inspection	Observation	Recommended Action
Rt. 7, Norwalk	<p>- Henckels and McCoy- a separate contractor and O&G both appeared to be working in the vicinity of the railroad J&B. Some sediment tracking buildup was noted on Broad St. 12/1/05</p> <p>-Trenchwork is largely complete. 11/17-12/1/05</p> <p>- The Merritt Cloverleaf concrete washout area and adjacent stockpile area have been mulched as this area has limited, if any, remaining use from this project. 12/1/05</p>	<p>- The area should be swept to remove the sediment. 12/1/05</p> <p>- Continue to clean up roadsides and restore features. If necessary. 12/1/05</p> <p>- None at this time. Keep controls maintained if it will still be used. 12/1/05</p>
Contaminated Soils	<p>-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. 12/1/05</p>	<p>- All soils appear to be handled appropriately. 12/1/05</p>
Adjacent Wetlands and Waterways	<p>-The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 12/1/05</p> <p>- A small stream crossing near Putnam Park at a vault setup also remains clear at this time. 11/23-12/1/05</p>	<p>- None at this time. Continue to monitor for final vegetative stabilization. 11/23/05</p> <p>- Monitor as bare soil remains around the stream. 12/1/05</p>
Staging, Storage, and Parking Areas	<p>- The Redding Yard has very limited use from this project any longer. The concrete washout area has been removed and the area well restored. 12/1/05</p> <p>- At the storage area off Rt. 58 near the Putnam Park entrance, the equipment and most of the stone are gone and controls remain in good shape. 12/1/05</p> <p>- The silt fence at Sunset Hill Rd. storage yard remains as the area continues to be cleaned up and most of the stone is removed. 12/1/05</p>	<p>- None at this time. 12/1/05</p> <p>-Retain the silt fence here due to the proximity of the pond while the yard is still in use and the surface disturbed. 12/1/05</p> <p>- Maintain fence as long as the areas are being used but it can be pulled if the storage areas are mulched/restored. 10/27-12/1/05</p>

Areas of Inspection	Observation	Recommended Action
	<p>-The area across from the country club near the 90 degree turn on Rt. 107 is worn and may need repair. 12/1/05</p> <p>- The Redding CC yard fence needs repair in some areas. 12/1</p>	<p>- Maintain fence in the Rt. 107 yards as they are in use and have disturbed soil. 12/1/05</p>
State species of concern, threatened and endangered species	<p>- No species of concern are located in the areas of construction.</p>	<p>- N/A</p>
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- Mulching of bare areas is ongoing, including behind newly installed curbs. Silt fence has been removed. 12/1/05</p> <p>- A few areas as noted have muddy ruts caused by equipment access. They should be re-restored when feasible. 12/1/05</p>	<p>- 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 mulch or seed within 7-14 days.</p>
Dewatering	<p>- Dewatering discharge along the route from the O&G work is limited at this time but is being directed to frac trucks or tanks if it occurs 12/1/05</p> <p>-Dewatering is usually only needed near duct proofing activities now that most trench work is complete. Dewatering from any work conducted by Mass Electric/Kiewit is directed back to the ground or catch basins through controls. 10/27-12/1/05</p>	<p>- None at this time.</p> <p>- Continue to use filtration prior to discharging any water. 12/1/05</p>
Blasting	<p>- No blasting is occurring in any areas at this time.</p>	<p>- None at this time.</p>
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 6/15-12/1/05</p> <p>- In general catch basins, inlets and swales should continue to consistently be protected especially in any remaining areas with sawcutting activities. Efforts have been good at this point. 12/1/05</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</p>

Areas of Inspection	Observation	Recommended Action
		should not be stored in wooded areas unless it is designated for storage.

Next likely scheduled inspection:

Thursday, December 8, 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): General overview of the site near the J&B railroad site where both O&G and the separate contractor Henckels and McCoy had been working. Note sediment on the street which should be swept. 12/1/05



115kV (Broad St. and ROW): Photo on the left shows where mulch was placed along the bare soil slope leading to the ROW from the overpass. Photo on the right shows the ROW waiting for bike path construction. 12/1/05



115kV (Redding Yard). The concrete washout is no longer needed by the project and materials have been removed appropriately from the town yard. The area is well restored. 12/1/05



115kV (Rt 107). View of the storage area adjacent to the Redding Country Club. Silt fence was down in a few spots and should be repaired until the yard is no longer in use. 12/1/05





115kV: (Rt. 107 and 58) Areas along the recently repaired roadways are still being placed with bituminous curbing and the soil behind it is being restored. Restoration should continue in all areas with ruts caused by equipment, such as in the foreground of the photo. 12/1/05



115kV: (Rt. 58) Photo on the left shows the Putnam Park storage area where most equipment and process stone has been removed. Controls remain in place. Photo on the right shows the Sunset Hill Rd. area where equipment and stone are also being removed. 12/1/05



115kV (Hoyts Hill Transition Structure): Both photos (close-up on right) show the area along the access drive into the structure work where equipment movement created ruts in the mud. The area should be re-stabilized when all access needs are complete. 12/1/05



115kV (Bethel Ed. Park): Photo on the left shows ruts along the southern access road due to equipment access. Continue to address any issues when all access needs are complete. Photo on the right shows the northern ROW section looking at work on the tower and stone placed on the access road. 12/1/05