

**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:** June 15, 2005

**Inspector:** Don Ukers

**Location:** 115 kV Underground Route

**Storm/**

**Rain Event:** The areas received isolated storms throughout the week since the last inspection with 0.38” on 6/10 as the most in any one storm as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
<p>Vault Openings and Trench Construction</p> <p><b>Gallows Hill Road and Rt. 107, Redding</b></p>	<p>- Vault installation is complete for the most part along Gallows Hill Road. 6/15/05</p> <p>- Concrete was being poured in the conduit trench near #124 Gallows Hill Road 6/15/05</p> <p>- Ductwork/installation in the trench is now ongoing along Rt. 107(Lonetown Rd.). Trenching and milling continues. 6/15/05</p>	<p>- Silt fence in the previously disturbed area was in good repair for the most part. 6/15/05</p> <p>- All activities seem well contained on the roadway 6/15/05</p> <p>- All activities were well contained here. See erosion control, dewatering and storage sections for more information.6/15/05</p>
<p><b>Near Rt. 58/Rt. 107 intersection Putnam Park, Redding</b></p>	<p>- Trenching and ductwork/ installation was occurring near the intersection of Rts. 58 and 107. 6/15/05</p> <p>- A trench box/vault was being in stalled of the vicinity of Putnam Park. 6/15/05</p>	<p>- Activities are fairly well contained to the roadway. See erosion control, dewatering and storage sections for more information. 6/15/05</p>

Areas of Inspection	Observation	Recommended Action
<p><b>Broad Street, Norwalk</b></p>	<ul style="list-style-type: none"> <li>- Concrete pouring was ongoing in the trench in the existing ROW by Norwalk Substation. 6/15/05</li> <li>- Trenching was taking place in the roadway near the intersection of Rt. 7 and Broad Street. 6/15/05</li> </ul>	<p>-- Activities are fairly well contained to the roadway. See erosion control, dewatering and storage sections for more information. 6/15/05</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<ul style="list-style-type: none"> <li>- Silt fence has been well installed where the work is located adjacent to wetlands off the roadway along Rts 58, 107, Gallows Hill Road and the ROW. 6/15/05</li> <li>- Several check dams have been placed in the existing country drainage swales and inlets along the roadway to protect them from sedimentation. 5/13-6/15/05</li> <li>- Stockpiles are not currently present for the most part. All excavated material is currently being trucked to the Redding town yard and stored appropriately or brought off site for disposal. 6/15/05</li> </ul>	<p>- In general most areas are in good repair. Continue to maintain as necessary. See below for site specific issue. 6/15/05</p>

Areas of Inspection	Observation	Recommended Action
<b>Gallows Hill Road and Rt. 107</b>	<p>-The vaults have been installed along Gallows Hill for the most part and the area near the ductwork is also well controlled. 6/15/05</p> <p>-The area near #112 Gallows Hill and the completed vault #15 installation, noted in a previous inspection, still has a pile of stone off the roadway against the silt fence and other trench components are left here. 5/26/5-6/15/05</p> <p>- Two areas along Rt. 107 required silt fence repair. One was located near the Redding Country Club pond and the second was near #64 along Rt. 107 6/15/05</p>	<p>- No maintenance issues were noted in the Gallows Hill silt fence during this inspection. 6/15/05</p> <p>- This area should be cleaned up when feasible. 6/15/05</p> <p>- The silt fence should be repaired here when feasible and it should be monitored for maintenance issues. 6/15/05</p>
<b>Near Rt. 58/Rt. 107 intersection Putnam Park, Redding</b>	<p>- Work is continuing along this portion of the roadway and a vault/trench box installation was underway. 6/15/05</p>	<p>-Most silt fence issues had been repaired recently and the area looked to be in good shape. 6/15/05</p>
<b>Near Rt. 58/Rt. 107 intersection Putnam Park, Redding continued</b>	<p>- Portions of the work area are directly adjacent to work for a separate project at Putnam Park. Soil disturbance is present from these activities in the parking lot and along the road and grounds. 6/15/05</p> <p>- Major concrete washouts are performed at the Redding town yard but a small haybale/ plastic liner corral for smaller washouts such as shovels was discussed last week. 6/09-6/15/05</p>	<p>-Portions of the area's silt fence is due to the other project and portions are in place for the 115kV project. 6/15/05</p> <p>- A corral will be created for small washouts of tools or minor truck washes. It should be located well away from wetlands or catch basins. 6/09-6/15/05</p>
<b>Broad Street, Norwalk</b>	<p>- The silt fence needs to be repaired in two locations in the existing right-of-way work along the corridor edge near the Norwalk River. 6/15/05</p>	<p>- None at this time. 6/15/05</p>
	<p>-None of the wetland resource</p>	<p>-None at this time. Continue to</p>

Areas of Inspection	Observation	Recommended Action
Adjacent Wetlands and Waterways	areas adjacent to the roadway work were affected by the activities in any of the locations. No sedimentation or turbidity was noted. 6/15/05	monitor.
Staging, Storage, and Parking Areas	<p>- The <b>pull-off</b> on the side of <b>Gallows Hill Rd</b> that has been designated as a machinery parking area also contained some loose soil but it was being used at the time of inspection. 6/15/05</p> <p>- A second <b>Gallows Hill pull-off</b> near the completed vault #15 installation has some stone and trench components stored here. 6/15/05</p> <p>- In <b>Redding Town Yard</b>, almost all excavate from Gallows Hill Road has been removed for disposal in the O&amp;G facility in Bridgeport. A second bin has been started for the excavate from Rt. 107. 6/15/05</p> <p>- Concrete washouts are also taking place within the yard in a specified location. It may be necessary to add an additional form of containment here as water was noted entering a catch basin on site. 6/09-6/15/05</p> <p>- The <b>Putnam Park parking lot</b> is also being used for temporary equipment storage and includes a stone pile and some machinery. 6/09-6/15/05</p>	<p>- There are no impending issues here at this time. 6/15/05</p> <p>- There are no impending issues here at this time but the area should be cleaned up when feasible. 6/15/05</p> <p>- If the piles progress beyond the bins, haybales should be placed downgradient of the pile unless this is in the way of active equipment movement. 6/15/05</p> <p>- The water did appear to be cleaner than the direct washout water so it may have come from the truck surface. It should be determined however, if and how the area could be contained. 6/09-6/15/05</p> <p>- Although the area has disturbed soil due to a separate project at the park, it should be monitored since it is being used for the 115kV project. 6/15/05</p>
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A

Areas of Inspection	Observation	Recommended Action
Vegetative clearing limits (including trees to save or danger trees noted)	-No significant clearing has been necessary along the roadways at this time with the exception of some minor ground cover disturbance. 6/15/05	- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 6/15/05
Dewatering	<p><b>- Rts. 58/107 Putnam Park</b> For the time being and as an additional precaution, any water from the trench was being directed to a tank truck for disposal offsite due to some “polluted but not contaminated” background levels in the soils. 6/09-6/15/05</p> <p><b>- Gallows Hill Road –</b> Dewatering had been necessary in some areas along this roadway as well and most was being directed to the tanks. 6/15/05</p>	<p>- It is still to be determined if problem levels are present in the water and whether the water can be released to an approved dewatering corral in the area. It would be best to allow the water to recharge to the wetlands here if “pollution” levels are not above the approved limits. 6/15/05</p> <p>- Again, if the water is at safe background levels, it may be preferable to allow recharge to the wetlands in the area it comes from. 6/15/05</p>
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.
Spills and Material Storage	-Leaks were not noted from the machinery during this inspection. A report of any leaks or spills that reach the ground and occur during the week will be provided to BSC from internal project inspectors 6/15/05	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</p> <p>- Check equipment status on a regular basis and keep spill kits on hand.</p> <p>- Report spills immediately, even if they are being controlled.</p>
Additional Observations		

**Next likely scheduled inspection:**

Wednesday, June 22, 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



**Broad Street, Norwalk 115kV: Pouring concrete within the conduit trench between Norwalk Substation and Broad Street. (6/15/05)**



**Trenching work underway just before the intersection of Route 7 and Broad Street in Norwalk. (6/15/05)**



Gallows Hill Road, Redding 1155kV: Pouring of concrete in conduit trench along Gallows Hill Road. (6/15/05)



The 2<sup>nd</sup> pull-off area along Gallows Hill Road near the completed vault #15 installation. Some stone and trench components remain stored here. (6/15/05)



Example of silt Fence along Gallows Hill Road. (6/15/05)



Route #107, Redding 115kV: Trench work and conduit installation along Route 107. (6/15/05)