

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 3, 2004

Inspector: Diana Walden

Location: Norwalk Substation Expansion

**Storm/
Rain Event** Between approx. 0.4 and 0.65” of rain was recorded on both 5/27 and 6/1-6/2

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Access roads are slightly muddy but still completely accessible. 6/3/04 -New Canaan Avenue is still free of any tracked sediment 4/28-6/3/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 6/3/04 - None at this time. Continue to monitor. 6/3/04
Foundation construction	<ul style="list-style-type: none"> - The northern and southern sections of bike path are well graded and railings were being installed into the retaining wall. 6/3/04 -The new northern portion of the yard is fenced in and the ¾ “ stone has been spread out. Underground conduit work is ongoing. 6/3/04 - Work on the control house is ongoing and the concrete base was being poured and smoothed during the inspection. There was some excess concrete in the area but it was well away from resource areas. 6/3/04 - Work continues on the retaining walls. 6/3/04 	<ul style="list-style-type: none"> - The areas are well contained at this time. 6/3/04 - None at this time. 6/3/04

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>- Repairs have been made to the silt fence and it is in good shape. There is a small gap in one spot in order to install temporary fence at the northern end of the yard but it is not a critical area. 6/3/04</p>	<p>- The fence will be repaired when the work is completed. 6/3/04</p> <p>- Continue to be proactive in silt fence repair and maintenance.</p>
	<p>- The hydroseeded area below the Route 7 ramp and above wall #4 is starting to vegetate. 6/3/04.</p> <p>- A catch basin is located here at the end of the swale with a top and side inlet. A haybale has been placed at the side to prevent sedimentation to the catch basin. 5/14-6/3/04</p>	<p>- Continue to monitor growth of vegetation and likely after next week's inspection, the haybale could be taken away from the inlet if cover is sufficient. 6/3/04</p>
	<p>- Portions of the topsoil pile remain but it will be utilized in the near future in areas along wall 4 that will be grassed. 6/3/04</p>	<p>- The pile appears fairly stable and vegetation is beginning to grow. 6/3/04</p>
	<p>- The concrete washout station has been used recently. Efforts to use this station have been good. One washout was noted near the equipment parking however 6/3/04</p>	<p>- The main objective is to keep all washout water from resource areas and storm drains. Continue to utilize and maintain designated stations for concrete.</p>
	<p>-The old Monroe soil area has been excavated at or below the original grade and has been confirmed by survey. 5/27-6/3/04</p>	<p>- Backfill will occur upon approval and concurrence of these grades. 6/3/04</p>
	<p>- Straw mulch has been placed on the seeded area adjacent to the southern portion of the bike path and grass is already growing. 6/3/04</p>	<p>-This area looks good and is on its way to stabilization 6/3/04</p>
	<p>- The scoured area below wall 5 has been placed with stone, topsoiled, seeded and mulched with straw in accordance with the D&M plan. 6/3/04</p>	<p>-Monitor for sufficient vegetative growth and future stabilization. 6/3/04</p>

Areas of Inspection	Observation	Recommended Action
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - The silt fence is still well in place along the river. 6/3/04 - The area below retaining wall #5 has been repaired as stated previously. 6/3/04 - Grass cover is doing very well along the northern end of the wall in all areas where the topsoil had remained 5/6-6/3/04 - A grate will be installed on the existing outlet on wall #5 for safety and to prevent debris from entering 5/27-6/3/04 - Sheet piling cofferdams are being proposed in place of the originally approved sandbag dams for the overflow channel 6/3/04 	<ul style="list-style-type: none"> - Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. - Monitor the area for future vegetative cover and stabilization. 6/3/04 - Drawings /details will be submitted for DEP approval prior to this construction taking place.6/3/04
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> - No species of concern are located in this area of construction. 	<ul style="list-style-type: none"> - N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - The scoured area below wall #5 has been filled and seeded. 6/3/04 - Natural vegetation is coming in well along the riverbank, on both sides of the silt fence. 6/3/04 	<ul style="list-style-type: none"> - The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-6/3/04 - None at this time. If any areas still look sparse, some seed could be scattered. 6/3/04
Dewatering	<ul style="list-style-type: none"> - Dewatering activities are complete at this time. 	<ul style="list-style-type: none"> -No actions required at this time.
Blasting	<ul style="list-style-type: none"> - No blasting is occurring on site at this time and it is not anticipated to be necessary. 	<ul style="list-style-type: none"> - None at this time.
Spills	<ul style="list-style-type: none"> - No spills were reported this week. 6/3/04 	<ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel containers



THE AREA ADJACENT TO THE SOUTHERN PORTION OF THE BIKE PATH HAS BEEN MULCHED AND GRASS COVER IS ALREADY BEGINNING TO GROW. A CANADA GOOSE FAMILY WAS NOTED ALONG THE RIVER 6/3/04



VIEW OF SITE TO THE WEST OF WALLS 1 AND 2. THIS AREA IS AT GRADE AND A STONE BASE WAS PLACED. IT WILL BE USED FOR TEMPORARY STORAGE OF STEEL, PVC, ETC. 6/3/04



THE FLOOD-SCOURED AREA BELOW WALL #5 HAS BEEN FILLED WITH LARGER STONE AND TOPSOIL AND HAS BEEN SEEDED IN ACCORDANCE WITH THE D&M PLAN. 6/3/04



THIS AREA TOWARDS THE NORTHERN END OF THE NEW EXTENTS OF THE YARD, IS BEING FENCED IN AND IS BEING BROUGHT TO GRADE. 6/3/04



VIEW OF STONE BASE OF THE BIKE PATH. A RAILING IS BEING PLACED ALONG/IN WALL #5 FOR SAFETY. 6/3/04



THE RECENTLY HYDROSEEDDED AREA ABOVE WALL#4 IS ALREADY STARTING TO DEVELOP GRASS COVER. 6/3/04



VIEW OF THE AREA AT WALLS #1&2 WHICH HAS NOT YET BEEN BACKFILLED. THE NEW SOIL SOURCE IS BEING TESTED AND APPROVED. 6/3/04



VIEW OF FOUNDATION WORK ON THE CONTROL BUILDING. CONCRETE WAS BEING POURED 6/3/04