

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: April 7, 2004

Inspector: Chuck Gidman

Location: Norwalk Substation Expansion

Storm/

Rain Event A total of approx. 0.4" of rain fell over the days since the previous inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> -The site is slightly muddy but has dried out to some degree after the rain. 4/2/04 - If it becomes necessary, mats should be used but equipment access is not hindered at this time. 4/7/04 -Sediment has built up in the gravel tracking pad however, New Canaan Avenue is still free of sediment 4/2-4/7/04 - Gullying not noticed along access road slope during inspection. More crushed stone has been placed and the area along the Route 7 ramp has been modified to provide space during construction 4/7/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 4/7/04 - None at this time. Continue to monitor. 4/7/04 - The area is well within the site. No actions at this time. 4/7/04
Foundation construction	<ul style="list-style-type: none"> - Construction of the foundation for retaining wall #1 continues in the center of the site with blocks being placed. 4/2-4/7/04 	<ul style="list-style-type: none"> - Continue to monitor. 4/7/04

Areas of Inspection	Observation	Recommended Action
	<p>-The smaller excavation adjacent to the Route 7 ramp continues while the conduit is developed. 3/12-4/7/04</p> <p>- All other foundation work is inactive or completed at this time. 4/7/04</p>	<p>- The tarp covering the sediment pile near the ramp had come undone. It will be replaced. 4/7/04</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>- The mud and topsoil will remain on site to be utilized. 4/2-4/7/04</p>	<p>- Overall the site continues to do well with no significant sedimentation or erosion issues. 1/22-4/7/04</p>
	<p>-The silt fence remains well in place but does show very slight strain near the topsoil stockpile. No problems with sedimentation were observed however. 4/7/04</p>	<p>- Continue to monitor and maintain as needed. Some spots are very close to the river and will require the most monitoring. Everything continues to hold up well. 4/7/04</p> <p>- Keep up with silt fence repair as needed, and continue to be proactive 4/7/04</p>
	<p>- Topsoil is being stockpiled in large amounts and is contained by the outer barrier of silt fence at this time. The pile will no longer be moved but will have to be utilized on site as needed. 4/7/04</p> <p>- The fill area between the retaining walls is stabilized at a temporary grade for now. 4/7/04</p>	<p>- As stated previously, the silt fence appears to have received some small amounts of sediment but there are no issues with it passing through to the river. The pile appears fairly stable but should continue to be monitored. 4/7/04</p> <p>- This area is separated from the outer silt fence line by the retaining walls. 3/18-4/7/04</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls contd.	<ul style="list-style-type: none"> - There was some minor erosion and scouring noted on slopes of the basin but the sediment and runoff is well contained. 4/7/04 	<ul style="list-style-type: none"> - The basin is performing as anticipated and is holding runoff. If the erosion worsens it should be repaired. 4/7/04 - Continue to monitor the basin and outlets for any sediment laden flows and stabilize any significant erosion on the banks or swales 4/7/04
	<ul style="list-style-type: none"> - A concrete washout station has been set up as requested with a haybale corral. It has been used often and has had some overflow. 4/7/04 	<ul style="list-style-type: none"> - Continue to use a few fairly contained locations for all concrete washouts. An additional station should be set up in another location if necessary. 4/7/04 - The dried concrete is not a problem but washout water in liquid state is high in pH and can be corrosive.
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - The silt fence remains in place and it is effective in controlling the sediment on site. The mulched areas along the bank and near the retaining walls are holding up well. 4/7/04 - A piece of tarp was noted in the river but it had not come from this construction site. It will likely be removed anyway if possible. 4/7/04 	<ul style="list-style-type: none"> - Continue to monitor and maintain silt fence as necessary and monitor any flow from the basin outlet. 1/22-4/7/04 - Continue to monitor the riverbank and make repairs as necessary. Be ready to temporarily stabilize the bank with vegetation if necessary. Increasing, natural vegetative growth is noted at each inspection. 4/2-4/7/04
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 areas near the retaining wall and riverbank on the work side of the silt fence have been mulched and seeded 	<ul style="list-style-type: none"> - The areas near the river still appear stable and there are no serious erosion issues. 4/7/04

Areas of Inspection	Observation	Recommended Action
	<p>and are in good shape. 4/2-4/7/04</p> <ul style="list-style-type: none"> - Some new growth of vegetation was noted near the riverbank at the time of inspection however it may be necessary to revegetate here if cover is not sufficient. 4/2-4/7/04 - Roots and stumps are left in place here. 	<ul style="list-style-type: none"> - The more vegetation left in place at the river, the more stable the bank will be. - Temporary vegetative stabilization measures for the bank should be considered if it becomes apparent in the spring that there will be any bare spots. 3/3-4/7/04
Dewatering	<ul style="list-style-type: none"> - Dewatering activities are complete at this time. 4/7/04 	<ul style="list-style-type: none"> -No actions required at this time. 4/7/04
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 and no spills were observed during inspection. Some minor sheens from machinery drips were noted however and will be soaked up. 4/7/04 - Tracking pads/diapers have been placed under some of the equipment parked on site in an effort to reduce any drips. 2/20-4/7/04 	<ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. There may be new procedures implemented for this- i.e. walk around checks on equipment on a regular basis. - The practice of using “diapers” is highly encouraged for any vehicle or equipment with a known leak. - Report spills to the office immediately, even if they are being controlled.

Areas of Inspection	Observation	Recommended Action
Additional/Miscellaneous Observations	<p>- Little had changed in the overall condition of the site between inspections. Everything is still in good shape.</p> <p>-The areas of bulky waste observed will either be removed or the boulders will be returned as fill when possible.</p> <p>- No additional work had occurred at Plumtree Substation and an inspection was not necessary.</p>	- Continue to watch all areas along the bank and provide additional enforcement if needed.

Next likely scheduled inspection:

Friday April 16, 200

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