

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 20, 2005

Inspector: Don Ukers

Location: Norwalk Substation Expansion

Storm/

Rain Event: The areas received no precipitation since the time of the previous inspection as reported by NOAA.

| Areas of Inspection | Observation | Recommended Action |
|---|---|--|
| <p>Access Roads and Adjacent Roadways</p> | <ul style="list-style-type: none"> - The silt fence around the inlet has been partially repaired but more on site and off site sediment continues to deposit here. Erosion and washouts near the silt fence base are getting worse 4/13-4/20/05 - Some silt from the minor erosion had been noticeable within the earthen swale and the area will require revegetation in the growing season. A haybale check dam may help prevent sedimentation until vegetation is established. 3/9-4/20/05 - Emergency DOT work is completed on the New Canaan Ave bridge (Route 123) adjacent to the site. DOT stabilized the bank with stone and replaced the landscaping but has not reseeded the area. 4/13-4/20/05 | <ul style="list-style-type: none"> -The volume of water going to this inlet is causing erosion at the base of the silt fence. The fence will be repaired further 4/13-4/20/05 -The best solution is vegetative cover here as soon as possible with the growing season. 4/13-4/20/05 - The earthen swale and surrounding area has some minor growth but will likely require additional stabilization in the growing season. 4/6-4/20/05 - Work is not associated with the project but is mentioned as a potential source of off-site sediment. DOT will be seeding the area in the near future. It should also be monitored for stabilization. 4/13-4/20/05 |
| <p>Foundation construction</p> | <ul style="list-style-type: none"> -Siding work for the GIS building is mostly complete. 4/20/05 -Work on the structures near retaining wall #3 and the | <ul style="list-style-type: none"> - None at this time. 4/20/05 - Soil stockpiles are well |

| Areas of Inspection | Observation | Recommended Action |
|---|--|--|
| | control house is still ongoing. 4/13-4/20/05 -Minor work is occurring within the charged yard. 4/20/05 | within the yard and areas are contained, no issues at this time. 4/20/05 |
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | -The overflow channel continues to work well with some minor erosion along the slope. 4/20/05. | - Continue to monitor for overall stabilization. In the spring, the situation should be evaluated as additional seeding may be necessary. 4/20/05 |
| | - The flared inlet near the Rt 7 ramp is receiving obvious stormwater flows from off site roadway and on site sources. It is apparent that much of the sediment is roadway sand and much of the runoff is from the street based on presence of gullies. The silt fence was partially repaired but erosion and washouts are occurring at the base. 4/13-4/20/05 | - Continue to monitor until stabilized as the surrounding area is still bare soil. Part of the sedimentation is from offsite street runoff which cannot be controlled by onsite actions. The best solution here is revegetation in the growing season. 4/6-4/20/05 |
| | - Soil stockpiles are beginning to be removed from site to appropriate locations. Most areas of excavation are completed at this time. 4/13-4/20/05 | - All stockpiles and excavation areas are well within the site and there are no issues at this time. 4/20/05 |
| Inland Wetland and Watercourse encroachment and mitigation | - Silt fence has been removed from most areas along the wetland/river side of the channel as the area is stabilized. 12/16/04 | -None at this time. Continue to monitor. |
| State species of concern, threatened and endangered species | - No species of concern are located in this area of construction. | - N/A |
| Vegetative clearing limits (including trees to save or danger trees noted) | -Some plantings along the channel were flagged for damage to see how they survive the winter. 11/18/04 | - The plantings will be evaluated for any permanent damage in the spring and hydroseed was placed as ground cover here. 11/18/04 |
| Dewatering | - No dewatering was noted at this time. 4/20/05 | -None at this time. 4/20/05 |
| | - No blasting is occurring on | - None at this time. |

| Areas of Inspection | Observation | Recommended Action |
|-----------------------------|--|---|
| Blasting | site at this time and it is not anticipated to be necessary. | |
| Spills and Material Storage | <ul style="list-style-type: none"> - All affected soil in the area of last week's spills or drips have been removed. 4/20/05 - A few new areas were noted at this week's inspection. The large dump truck had a small leak and a pad was to be placed here and the soil picked up. A bulldozer was also observed with a pad already in place controlling a drip by the time of the inspection. 4/20/05 | <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. - - Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled. |
| Additional Observations | <ul style="list-style-type: none"> - As previously stated, the New Canaan Ave Bridge repair by the DOT is complete. The bank has been stabilized but still requires seeding and vegetative cover. 4/13-4/20/05 | <ul style="list-style-type: none"> - The work is unrelated to the Norwalk substation but should be noted as it is occurred in the adjacent area and could be a potential off-site sedimentation source. Continue to monitor. 4/13-4/20/05 |

Next likely scheduled inspection:

Wednesday, April 27, 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

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Date: April 20, 2005

Inspector: Don Ukers

Location: Plumtree Substation Expansion , Bethel

Storm/

Rain Event The areas received no precipitation since the time of the previous inspection as reported by NOAA.

| Areas of Inspection | Observation | Recommended Action |
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| Access Roads | - No new access roads have been constructed at this time 4/20/05 | - None at this time. |
| Foundation construction | -The major work of connecting the equipment on the constructed slab to the existing equipment is on-going. 3/23-4/20/05 | - The areas are all contained at this time and there is little ongoing work that involves soil disturbance. 4/6-4/20/05 |
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | - The working areas of the site remain dry for the most part. The perimeter stone berm continues to work well. 4/20/05 | -Nothing at this time. 4/20/05 |
| | - There is no silt fence in place at this time, however the stone perimeter berm is well in place and contains the yard well. 4/20/05 | -All stockpiles are well-contained and the berm is working well at this time. 4/20/05 |

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|---|--|--|
| | <p>- A majority of the soil has been removed to appropriate off-site locations but some will remain on an as needed basis for the remainder of construction. Portions are not covered in plastic but are well within the site. 3/2-4/20/05</p> | <p>-Continue to monitor status and cover stockpiles with plastic if necessary. 3/2-4/20/05</p> |
| <p>Inland Wetland and Watercourse encroachment and mitigation</p> | <p>- Wetlands are located around the outskirts of the substation yard. The work within the substation yard has caused no observed sedimentation. 4/20/05</p> | <p>- The stone berm around the perimeter of the yard continues to prevent sedimentation and water from leaving the site and getting to the wetland edge. 4/20/05</p> |
| <p>State species of concern, threatened and endangered species</p> | <p>- No species of concern are located in this area of construction.</p> | <p>- N/A</p> |
| <p>Vegetative clearing limits (including trees to save or danger trees noted)</p> | <p>- No vegetation outside of the substation yard will need to be cleared during the expansion work.</p> | <p>- N/A</p> |
| <p>Dewatering</p> | <p>- No dewatering is occurring at this time. 4/20/05</p> | <p>- None at this time.</p> |
| <p>Blasting</p> | <p>- No blasting is occurring on site at this time.</p> | <p>- None at this time.</p> |
| <p>Spills and Material Storage</p> | <p>- No drips or spills were reported for the week or noted during the inspection. 4/20/05</p> | <p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- 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.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p> |

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|-------------------------|-------------|--------------------|
| | | |
| Additional Observations | | |

Next likely scheduled inspection:

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Inspector's Signature:

Diana Walden for Don Ukers



Norwalk Substation: Structure work continues near retaining wall #3 and the GIS building.
(4/20/05)



Siding work is completed for the most part on the GIS Building. Site conditions remain fairly dry.
(4/20/05)



Inlet located at Route 7 Ramp. This area should be stabilized with vegetation as soon as possible within the growing season. (4/20/05)



Plumtree Substation: The stone berm along the perimeter of Plumtree substation is well in place. (4/20/05)



Internal work continues on slab but almost no soil disturbing work is occurring on site. (4/20/05)