

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: January 26, 2006

Inspector: Don Ukers

Location: 345kV Underground Route

Storm/

Rain Event: Approximately 0.79” of mixed precipitation (in the form of snow and rain) fell on 1/23 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<ul style="list-style-type: none"> - Trenching and pipe installation, continue in several locations off Rt. 7 in Wilton. 1/4-1/26/06 Active trenching was noted near Cricket Lane. 1/19-1/26/06 - Roadwork along Rt. 107, south of the Georgetown Deli was complete. 1/26/06 - The Horizontal Direction Drill at School Rd. continues to be more controlled. Work unrelated to the project on Rt. 7 was dewatering to the site through a catch basin. 1/26/06 The bore exit point is active with a return tank for the drilling mud and erosion controls in place. 1/26/06 - Dewatering has ceased at the Georgetown Deli J&B and dewatering tanks are being demobilized. 1/26/06 - Internal vault work was noted at a few locations. 1/26/06 	<ul style="list-style-type: none"> -Continue providing good “house- keeping” along the roadways. See additional sections for more information. 12/1-1/26/06 -Trenching at this location was finishing up. 1/26/06 -None at this time 1/26/06 - Continue to monitor the turbid water as a result of the drilling. There is a large amount of exposed surfaces which makes control difficult. See additional sections for more details. 12/8-1/26/06 - This area is being well restored. See additional sections for more details. 1/26/06 - None at this time. 1/26/06
	- The silt fence at the old high	- Stone and haybales

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment (E&S) Controls</p> <p>continued</p> <p>Route 7</p>	<p>school J&B site was repaired as recommended and remains good shape. 1/19-1/26/06</p> <p>-In the future, any observable sedimentation in resource areas should be removed immediately. 1/19-1/26/06</p> <p>- At the HDD, adjacent work on Rt. 7 that is unrelated to the entire Bethel to Norwalk project was trenching in the roadway and dewatering to a catch basin. Water was coming directly to the site and running through the controls installed. 1/26/06</p> <p>- The use of the basin for pumping drill muds is still something of a concern in the instance there is significant rainfall. 1/4-1/26/06</p> <p>-The additional off-site water was moving through the eastern controls. 1/26/06</p> <p>- Silt fence had been restored below the baker tank and the area is better at containing water from drill cuttings. 1/19-1/26/06</p> <p>-A large amount of disturbed soil remains on site. While external controls are good, more stabilization here will lead to less issues with run-off. 1/19-1/26/06</p> <p>- The exit point of the bore was set up with erosion controls along the perimeter of the area and most mud remained contained to the operation. 1/26/06</p>	<p>remaining on the outlet slope will still need to be removed for final stabilization. 1/19-1/26/06</p> <p>-The remaining instream controls will need to be removed once the slope has been restored. 1/26/06</p> <p>-Controls on site have been noticeably improved but the additional volume of off-site, unrelated water was leading to minor turbidity in the resource area beyond the basin. 1/26/06.</p> <p>- Have a back up plan for water and sediment containment in the instance a highly significant storm is predicted. 1/26/06</p> <p>-Continue to watch and maintain after this type of heavy use. Reduce overall disturbed surfaces that contribute to the turbidity. 1/26/06</p> <p>- Continue to watch and maintain. 1/19-1/26/06</p> <p>- Consider stabilization measures for equipment and regrade/mulch areas whenever feasible. 1/19-1/26/06</p> <p>- Continue to monitor erosion controls and handling of the mud. 1/26/06</p>
	<p>- The storage area near #848 (Rt.7) is still highly utilized</p>	<p>- Continue to monitor activity in here. Watch placement of</p>

Areas of Inspection	Observation	Recommended Action
	<p>placed with erosion control matting where the outlet had been. 1/26/06</p> <p>- Bubbling (now running clear), apparently from a ground fracture, was noted in the wetlands beyond the HDD site. 12/14-1/26/06</p> <p>- Wetlands directly to the east of the basin will have to be evaluated after the work is complete. 1/19-1/26/06</p>	<p>- None at this time. The slope is well restored. 1/26/06</p> <p>- Contractors were to continue to watch this spot carefully. Continue to monitor the river for any issues with drilling mud. 1/4-1/26/06</p> <p>-Reducing sources of turbidity on site will likely help with this issue. 1/19-1/26/06</p>
<p>Staging, Storage, and Parking Areas</p>	<p>- The equipment storage yard on the property south of the Rt. 7 & 107 intersection was muddy but vehicles were contained. 1/26/06</p> <p>- Take care with materials or disturbance too close to the swale by Rt.7. 1/26/06</p> <p>- The landowner had previously expressed concerns to the inspector about picking up coffee cups and other litter. 1/12-1/26/06</p> <p>- Plastic and absorbent pads remain under the fuel tank on site as well as under machinery with a noted leak. 1/19-1/26/06</p> <p>- The racquet club storage yard has been very active with a lot of materials. Make sure inlets here are protected. 10/27-1/26/06</p>	<p>- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind or out overnight. 1/26/06</p> <p>-Practice good housekeeping. 1/12-1/26/06</p> <p>-Continue to monitor and maintain and determine how to further stabilize the area. 1/19-1/26/06</p> <p>- Keep within the limits of the yard and don't encroach into the brush. 10/27-1/26/06</p>
<p>Soils</p>	<p>- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal.</p> <p>- Mud is being excavated from the HDD basin and transported to Danbury as a</p>	<p>- Soils appear to be handled appropriately. 1/26/06</p> <p>- Some excavation has been performed but it will need to continue. 12/14-1/26/06</p>

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	partial solution to the turbidity issues here. 12/14-1/26/06	
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)	<p>-Snow cover/frozen ground is now a factor in restoration/stabilization attempts, but a number of bare roadside areas still remain. 12/8-1/26/06</p> <p>- Some erosion was noted in previously restored areas such as near Scribner Hill Rd. 1/4-1/26/06</p>	<p>- Attend to disturbed areas as feasible in the appropriate time frames. 11/10-1/26/06</p> <p>-Repair erosion in these areas in the spring when the area can stabilize. 1/26/06</p>
Dewatering	<p>-The frac tanks at the Georgetown Deli are being demobilized as dewatering is complete. 1/19-1/26/06</p> <p>- Offsite, unrelated dewatering from a phone company project on Rt. 7 caused water to flow to the HDD site. 1/26/06</p>	<p>-The operation here went well considering the proximity of the stream and the amount of water. 1/19-1/26/06</p> <p>- Installed, on-site, controls were trying to handle this additional water. 1/26/06</p>
Blasting	- No blasting is occurring on site at this time.	- None at this time.
Spills and Material Storage	<p>- The turbid washwater and sediment containment issues at the HDD are mostly addressed but a larger contingency plan should be considered if a significant storm is predicted. 1/19-1/26/06</p> <p>- Plastic remains under a leaking piece of equipment and the refueling tank. 1/19-1/26/06</p>	<p>- The basin is being excavated of mud but larger stabilization/source control measures should be examined. 1/19-1/26/06</p> <p>-Continue to monitor and maintain plastic as needed. Dispose of properly at completion. 1/19-1/26/06</p>

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	<ul style="list-style-type: none"> - In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 1/26/06 	<ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel containers. - 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.
Additional Observations	<ul style="list-style-type: none"> - Address landowner concerns regarding picking up litter at the storage yard near the Rts. 7/107 intersection. 	

Next likely scheduled inspection:

Thursday, February 2, 2006

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



3345kV (Georgetown Deli Jack and Bore): View of the streambank where the dewatering riprap outlet was previously installed. It has since been removed and the bank well restored with erosion control matting. 1/26/06



Photo on the left shows the parking lot where the tanks are being demobilized and removed. Photo on the right shows a view of the previously restored streambank, still in good shape. 1/26/06



345kV (Rt. 107) Overview of the area where the trenchwork was located along Rt. 107. Any areas that were previously grassed/vegetated should be restored when feasible. 1/26/06



345kV (High School J&B and HDD): Photo on the left is a view of the J&B site with controls well in place. Contractors were on site removing conduit. Photo on the right shows the perimeter erosion controls at the HDD. Continue to maintain and keep in good shape. 1/26/06



345kv (HDD-related): Photo on the left shows trenching along Rt. 7 for a project that is unrelated to the 345kV work. However, the trench is being dewatered to the street and is entering a catch basin that flows directly to the HDD site. Photo on the right shows the dewatering discharge.



Photo on the left shows the additional water and turbidity that is passing through the controls beyond the basin. The flow is due to the offsite dewatering from a separate construction project on Rt. 7. Photo on the right shows the overview of the HDD site. Portions of the basin appears to have been excavated recently.
1/26/06