

**Docket No. 272 – Development and Management Plan Inspection**

**The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.**

**Underground Line Watercourse and Railroad Crossings**

**Date:** August 14, 2008

**Inspector:** Lennox Keen

**Location:** Crossings of Watercourses and Railroads in Segments 3, 4a and 4b

**Rain Event:** 1.76” of precipitation was reported since the previous inspection, with the largest event of 1.43” recorded on 8/7 (Bridgeport, CT NOAA data).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways Saugatuck River</b>	<b>On the west side of the Saugatuck River, the backfilled area is waiting to be paved. The curbing has been installed but materials were eroding from the graded area and the stockpiled soil. 7/10-8/14/08</b>	<b>Coordinate final restoration efforts/ responsibilities. The area has been waiting for pavement since 3/20 and needs a finalized surface. 8/14/08</b>	<b>Needs attention.</b>
<b>Housatonic River</b>	<b>HDD work is complete. The east side is ready to be paved. 8/14/08</b>	<b>Continue to monitor the area. Final restoration efforts are on hold until after a planned DOT drainage project. See Erosion and Sediment Control section for more details. 8/14/08</b>	<b>Not Applicable (NA)</b>
<b>Metro North R.R. - Milford</b>	<b>Staging areas are partially restored on the north and south side of the Metro North R.R. off Naugatuck Ave. The temporary access road is no longer in use as the entrance to the boat ramp has been reopened. 8/14/08</b>	<b>Continue to monitor the area. Final restoration efforts are on hold until after a planned DOT drainage project. See Erosion and Sediment Control section for more details. 8/14/08</b>	<b>NA</b>
<b>Vault Openings and Trench Construction Saugatuck River</b>	<b>HDD work on the Saugatuck River is complete. East side has</b>	<b>Monitor and maintain sediment and erosion controls. Contractors plan to</b>	<b>Needs final surfacing</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Housatonic River	<p>been restored. Final restoration/ surface treatment is required on the west side. 8/14/08</p> <p>HDD work at the Housatonic River is complete. Final restoration/ surface treatment is required on the east side. 8/14/08</p>	<p>pave the west side soon. 3/20-8/14/08</p> <p>Monitor and maintain sediment and erosion controls. 8/14/08</p>	NA
Metro North R.R. - Milford	<p>HDD work at the Metro North R.R. is complete. Final restoration on the south side is on hold pending a planned DOT drainage project. 8/14/08</p>	<p>Monitor and maintain sediment and erosion controls. 8/14/08</p>	NA
Sasco Creek Bridge Attachment Fairfield/Westport (This area represents the intersection between Segments 4A and 4B).	<p>Tie-in work appears to be complete on the bridge over Sasco Creek near sta. #434. Final backfilling or stabilization is still required near the tie-in locations. 8/14/08</p>	<p>Monitor and maintain sediment and erosion controls. Provide final restoration. 8/14/08</p>	NA at this time
Mill River (Southport Harbor) Bridge Attachment Fairfield	<p>Tie-in work appears to be complete. Final backfilling or stabilization is still required near the tie-in locations. 8/14/08</p>	<p>Monitor and maintain sediment and erosion controls. Provide final restoration. 8/14/08</p>	NA at this time
Erosion and Sediment Controls	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 8/14/08</p>	<p>Prevent dust migration by implementing the dust control measures. 8/14/08</p>	NA at this time.
Saugatuck River	<p>On the west side, the portions of the work area that were restored are vegetated. The adjacent area is still waiting to be paved (since 3/20). Stone curbing has been set and soil has been stockpiled in these areas. 8/14/08</p>	<p>Continue to monitor until final restoration is complete. Restore controls if needed until this occurs. Continue to sweep the roadway as necessary. 8/14/08</p>	The area needs to be paved.
Housatonic River	<p>Hay bales have been removed from along the bank of the Housatonic River near sta. #1015.</p>	<p>Continue to monitor the area until work is complete and the area has been permanently stabilized.</p>	Continue to monitor.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Metro North R.R. - Milford</b></p>	<p><b>Excavation work is complete and the area is stable and spread with crushed stone. The surface is waiting to be paved. 6/20-8/14/08 Some water was ponding and draining near the vault. 8/14/08</b></p>	<p><b>Final restoration is on hold pending a planned DOT drainage project. Install additional erosion controls if necessary. 8/14/08</b></p>	
	<p><b>On the east side the berm along the south side of the staging area is stable. In the same general area, a small channel remains lined with crushed stone to contain sediment. 8/14/08</b></p>	<p><b>Continue to monitor the area. Add controls if necessary. 8/14/08</b></p>	<p><b>Continue to monitor.</b></p>
	<p><b>The staging area on the south side has been partially restored. Silt fence remains around the temporary access road, which provided access to the boat launch. 8/14/08</b></p>	<p><b>Continue restoration efforts. Remove temporary access road now that access to the boat ramp is restored. 8/14/08</b></p>	<p><b>Continue to monitor.</b></p>
	<p><b>Hay bales were removed from around a catch basin near the staging area along Naugatuck Ave. A minor amount sediment and sand appeared to have entered the adjacent catch basin. (since 5/15). 8/14/08</b></p>	<p><b>The catch basin needs to be cleaned once work is complete. Continue to sweep roadway as necessary. Consider installing controls when work is immediately adjacent. 8/14/08</b></p>	<p><b>Catch basin still needs attention.</b></p>
<p><b>Sasco Creek Bridge Attachment Fairfield/Westport</b></p>	<p><b>Work to attach the conduit bank to the bridge deck appears to have been completed. 8/14/08</b></p>	<p><b>Ensure that controls are in place to catch/contain any debris from falling into the river as indicated in the D&amp;M plan. 8/14/08</b></p>	<p><b>Continue to monitor.</b></p>
<p><b>Mill River (Southport Harbor) Bridge Attachment Fairfield</b></p>	<p><b>Work to attach the conduit bank to the bridge deck appears to have been completed. 8/14/08</b></p>	<p><b>Ensure that controls are in place to catch/contain any debris from falling into the river as indicated in the D&amp;M plan. 8/14/08</b></p>	<p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Inland Wetland and Watercourse encroachment and mitigation</b>	<b>The HDD of the Saugatuck River and associated wetlands in Westport is complete. Final restoration efforts continue. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
	<b>The HDD of the Housatonic River and associated wetlands in Stratford and Milford is complete. Final restoration efforts are on hold. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Staging, Storage, and Parking Areas Housatonic River</b>  <b>Metro North R.R. - Milford</b>	<b>Restoration efforts are on hold on the east side pending a planned DOT drainage project. 8/14/08</b>  <b>Restoration efforts are on hold on the east side pending a planned DOT drainage project. 8/14/08</b>	<b>Continue to monitor the area. Restore the areas when feasible. See Erosion Control section for more details. 8/14/08</b>  <b>Continue to monitor the area. Restore the areas when feasible. See Erosion Control section for more details. 8/14/08</b>	<b>Continue to monitor.</b>  <b>NA</b>
<b>Soils</b>  <b>Saugatuck River</b>  <b>Housatonic River</b>  <b>Metro North R.R. - Milford</b>	<b>Soils had been exposed as part of the drill set-up and excavations at each HDD. HDD work has been completed and exposed areas have been repaved or temporarily stabilized with crushed stone. 8/14/08</b>  <b>Staging area on the west side is awaiting pavement. (since 3/20) 8/14/08</b>  <b>The work area on the east side is backfilled with stone and processed material and is ready to be paved. 8/14/08</b>  <b>The staging area on the south side has been partially restored. Hay</b>	<b>Monitor for dust as previously indicated. See the Spills and Material Storage section. 8/14/08</b>  <b>The west side has been backfilled and still waiting for a final surface treatment for a number of months. 8/14/08</b>  <b>Continue to monitor the area. Restoration efforts are on hold on the east side pending a planned DOT drainage project. 8/14/08</b>  <b>Continue to monitor the area. Permanently stabilize the area when feasible. 8/14/08</b>	<b>NA</b>  <b>Continue to monitor; Needs attention.</b>  <b>NA at this time.</b>  <b>NA at this time.</b>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>mulch has been spread to stabilize areas of exposed soil. 8/14/08</b>		
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>None. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA at this time.</b>
<b>Dewatering</b>	<b>Dewatering activities were not observed during this week's inspection. 8/14/08</b>	<b>Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&amp;M. 8/14/08</b>	<b>NA</b>
<b>Blasting</b>	<b>No blasting has been proposed. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the staging areas where active work was ongoing. 8/14/08</b>	<b>Continue to bring spill kits to active work sites. 8/14/08</b>	<b>NA</b>
<b>Additional Observations</b>	<b>None. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Thursday August 21, 2008**

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.

**Field Inspector:** Lennox Keen, BSC Group

**Reviewer:** Diana Walden, BSC Group



**The staging area on the south side of the Metro North R.R. – Milford remains partially restored. Silt fence remains around the temporary access road, which no longer provides access to the boat launch.**



**On the west side of the Saugatuck River, portions of the work area have re-vegetated. The adjacent area is still waiting to be paved (since 3/20). Stone curbing has been set and process has been spread in some areas.**



**Tie-in work appears to be complete on the bridge over Sasco Creek near sta. #434. Final stabilization is still required near the tie-in locations.**

