

**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:** June 27, 2008

**Inspector:** Gregory Sommer

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

**Rain Event:** 0.50" of precipitation was reported since the previous inspection, with the largest event of 0.42" recorded on 6/20 (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 still waiting for pavement. The curbing has been installed but materials were eroding from the graded area and soil is stockpiled. 6/27/08</b>	<b>Coordinate final restoration efforts/ responsibilities. The area has been waiting for pavement since 3/20 and needs a finalized surface. 6/27/08</b>	<b>Needs attention.</b>
<b>Housatonic River</b>	<b>HDD work is complete. The east side is ready to be paved. 6/27/08</b>	<b>Continue to finalize and restore the areas. See Erosion and Sediment Control section for more details. 6/27/08</b>	<b>Not Applicable (NA)</b>
<b>Metro North R.R. - Milford</b>	<b>Staging areas have been established on the north and south side of the Metro North R.R. off Naugatuck Ave. A temporary access road has been cut to maintain access to the boat launch area. 6/27/08</b>	<b>Continue to monitor for tracking. See Erosion and Sediment Control section for more details. 6/27/08</b>	<b>NA</b>
<b>Vault Openings and Trench Construction Saugatuck River</b>	<b>HDD work on the Saugatuck River is complete. Final restoration/ surface treatment is still required on the west side. 6/27/08</b>	<b>Monitor and maintain sediment and erosion controls. Contractors plan to pave the west side soon. 3/20-6/27/08</b>	<b>NA</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Housatonic River</b>	<b>HDD work at the Housatonic River is complete. Final restoration/ surface treatment is required on the east side. 6/27/08</b>	<b>Monitor and maintain sediment and erosion controls. Provide final surface stabilization ASAP 6/27/08</b>	NA
<b>Metro North R.R. - Milford</b>	<b>HDD work at the Metro North R.R. is complete. The circuits have been tied in on the north side. The roadway has been partially paved except for a small area which was being regraded to ensure proper drainage. Trenching work continues on the south side. Final restoration will be performed once tie-in work has been completed. 6/27/08</b>	<b>Monitor and maintain sediment and erosion controls. 6/27/08</b>	NA
<b>Sasco Creek Bridge Attachment Fairfield/Westport (This area represents the intersection between Segments 4A and 4B).</b>	<b>Tie-in work appears to be complete on the bridge over Sasco Creek near sta. #434. Final backfilling is still required near the tie-in locations. 6/27/08</b>	<b>Monitor and maintain sediment and erosion controls. 6/27/08</b>	NA
<b>Mill River (Southport Harbor) Bridge Attachment Fairfield</b>	<b>Work to attach the conduit bank to the underside of the bridge deck continues. 6/27/08</b>	<b>Monitor and maintain sediment and erosion controls. 6/27/08</b>	NA
<b>Erosion and Sediment Controls</b>	<b>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 6/27/08</b>	<b>Prevent dust migration by implementing the dust control measures. 6/27/08</b>	NA at this time.
<b>Saugatuck River</b>	<b>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. Minor tracking was observed on Lincoln St. Accumulated</b>	<b>Continue to monitor until final restoration is complete. Restore controls if needed until this occurs. Continue to sweep the roadway as necessary. 6/27/08</b>	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Housatonic River</b></p>	<p><b>sediment at the intersection of Lincoln St. and Riverside Ave. has been swept. 6/27/08</b></p> <p><b>Hay bales have been removed from along the bank of the Housatonic River near sta. #1015. Final restoration/ surface treatment is required on the east side especially as this area may be susceptible to inundation. The surface is waiting to be paved. 6/27/08</b></p>	<p><b>Continue to monitor the area for run-off and erosion until work is complete and the area has been permanently stabilized. Install new controls if conditions change. Provide final surface stabilization ASAP. 6/27/08</b></p>	<p><b>Needs final surface stabilization.</b></p>
	<p><b>On the east side the berm along the south side of the staging area has vegetated and is stable. In the same general area, a small channel remains lined with crushed stone to contain sediment. 6/27/08</b></p>	<p><b>Continue to monitor the area. Add controls if necessary. 6/27/08</b></p>	<p><b>Continue to monitor</b></p>
<p><b>Metro North R.R. - Milford</b></p>	<p><b>The staging area on the south side has been demobilized and the perimeter controls have been removed. Silt fence remains around the temporary access road, which provided access to the boat launch. Hay bales remain in one location near the drill pit where a minor amount of groundwater continues to seep under the barrier. The runoff was generally clean and was flowing back towards the adjacent trench work. 6/27/08</b></p> <p><b>Hay bales were removed from around a catch basin near the staging area along Naugatuck Ave. (since 5/15) Sediment and sand had accumulated at the end of the driveway adjacent to</b></p>	<p><b>Continue restoration efforts. Remove temporary access road when access to the boat ramp is restored. Increase controls as necessary to contain/filter groundwater seeping out of the partially backfilled drilling pit. Sweep residual dust from adjacent roads. 6/27/08</b></p> <p><b>Continue to monitor. Increase controls as necessary. The catch basin may need to be cleaned once work is complete. Continue to sweep roadway as necessary. Consider installing controls when work is</b></p>	<p><b>Continue to monitor.</b></p> <p><b>Needs attention.</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Sasco Creek Bridge Attachment Fairfield/Westport</b></p> <p><b>Mill River (Southport Harbor) Bridge Attachment Fairfield</b></p>	<p><b>the catch basin. 6/27/08</b></p> <p><b>Work to attach the conduit bank to the bridge deck appears to have been completed. 6/27/08</b></p> <p><b>Work to attach the conduit bank to the bridge deck continues. 6/27/08</b></p>	<p><b>immediately adjacent. 6/27/08</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. 6/27/08</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. 6/27/08</b></p>	<p><b>Continue to monitor.</b></p> <p><b>Continue to monitor.</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p><b>The HDD of the Saugatuck River and associated wetlands in Westport is complete. Final restoration efforts continue. 6/27/08</b></p> <p><b>The HDD of the Housatonic River and associated wetlands in Stratford and Milford is complete. Final restoration and tie-in efforts continue. 6/27/08</b></p> <p><b>On the east side of the Housatonic River, the berm along the south side of the staging area has vegetated and is stable. 6/27/08</b></p>	<p><b>None. 6/27/08</b></p> <p><b>The drill work was completed well with the approved monitoring plan provided in the D&amp;M plan 6/27/08</b></p> <p><b>See Erosion and Sediment Controls section for more details. 6/27/08</b></p>	<p><b>NA</b></p> <p><b>NA</b></p> <p><b>Continue to monitor.</b></p>
<p><b>Staging, Storage, and Parking Areas Housatonic River</b></p> <p><b>Metro North R.R. - Milford</b></p>	<p><b>Restoration efforts are on hold on the east side until the final tie-in work at the nearby Metro North HDD site is complete so that all of the restoration work can be completed at once. 6/27/08</b></p> <p><b>Equipment has been demobilized from the south side of the Metro North R.R. work off of Naugatuck Ave. Restoration is still scheduled for after the tie-in work.</b></p>	<p><b>Contain all material within the established limits of work zone and clean and restore the areas appropriately. See Erosion Control section for more details. 6/27/08</b></p> <p><b>Contain all material within the established limits of work zone. See Erosion Control and Spills/ Material Storage sections for more details. 6/27/08</b></p>	<p><b>Continue to monitor.</b></p> <p><b>NA</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<b>6/27/08</b>		
<p><b>Soils</b></p> <p><b>Saugatuck River</b></p> <p><b>Housatonic River</b></p> <p><b>Metro North R.R. - Milford</b></p>	<p>Soils are exposed as part of the drill set-up and excavations at each HDD. Drilling slurry (bentonite clay) is used in the process. 6/27/08</p> <p>Staging area on the west side is awaiting pavement. (since 3/20). 6/27/08</p> <p>The work area on the east side is backfilled with stone and processed material and is ready to be paved. 6/27/08</p> <p>The staging area on the south side has been partially restored. Hay mulch has been spread to stabilize areas of exposed soil. 6/27/08</p>	<p>Monitor for dust as previously indicated. See the Spills and Material Storage section. 6/27/08</p> <p>The west side has been backfilled without the final surface treatment for a number of months. (since 3/20). 6/27/08</p> <p>Continue to monitor the area. Stabilize the surface as soon as feasible 6/27/08</p> <p>Continue to monitor the area. Permanently stabilize the area when feasible. 6/27/08</p>	<p>NA</p> <p>Continue to monitor, needs attention.</p> <p>NA at this time.</p> <p>NA at this time.</p>
<b>State species of concern, threatened and endangered species.</b>	According to the D&M plan, state-listed species are not located in this work area 6/27/08	None. 6/27/08	NA
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	Portions of the south side staging area of the Metro North RR dig have been restored. The remainder is waiting for tie-in work. 6/27/08	Continue to monitor remaining areas for final cover. Ensure all sediment is contained until restoration. 6/27/08	Continue to monitor.
<b>Dewatering</b>	Dewatering activities were not observed during this week's inspection. 6/27/08	Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 6/27/08	NA
<b>Blasting</b>	No blasting has been proposed. 6/27/08	None 6/27/08	NA

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the staging areas where active work was ongoing. 6/27/08</b>	<b>Continue to bring spill kits to active work sites. 6/27/08</b>	<b>NA</b>
<b>Additional Observations</b>	<b>None. 6/27/08</b>	<b>None. 6/27/08</b>	<b>NA</b>

**Next likely scheduled inspection:** Wednesday July 2, 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:** Gregory Sommer, BSC Group

**Reviewer:** Diana Walden, BSC Group



**HDD work at the Metro North R.R. is complete. The circuits have been tied in on the north side. The roadway has been partially paved except for a small area which was being regraded to ensure proper drainage. Sediment has accumulated near the end of the driveway adjacent to the catch basin which did not have controls in place.**



**On the west side of the Saugatuck River, the portions of the work area that were restored are vegetated. The adjacent area is still waiting to be paved. Stone curbing has been set and soil has been stockpiled in these areas. Minor tracking was observed on Lincoln St. Accumulated sediment at the intersection of Lincoln St. and Riverside Ave. has been swept. This area has been scheduled for pavement for several months.**