

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: September 12, 2008

Inspector: Gregory Sommer

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

Rain Event: 3.43" of precipitation was reported since the previous inspection, with the largest event of 2.90" recorded on 9/6 (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Access Roads and Adjacent Roadways Saugatuck River</p>	<p>On the west side of the Saugatuck River the curbing has been restored and the area has been paved. 9/12/08</p>	<p>Provide additional stabilization on the islands if necessary. 9/12/08</p>	<p>Not Applicable (NA)</p>
<p>Housatonic River</p>	<p>HDD work is complete. The east side is ready to be paved. 9/12/08</p>	<p>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. 9/12/08</p>	<p>NA</p>
<p>Metro North R.R. - Milford</p>	<p>Staging areas remain 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. 9/12/08</p>	<p>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. 9/12/08</p>	<p>NA</p>
<p>Vault Openings and Trench Construction Saugatuck River</p>	<p>HDD work on the Saugatuck River is complete. East side has been restored and the west side has been repaved. 9/12/08</p>	<p>Monitor the islands for vegetation/plantings. 9/12/08</p>	<p>Area was paved and finalized.</p>
<p>Housatonic River</p>	<p>HDD work at the</p>	<p>Monitor and maintain</p>	

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<p>Metro North R.R. - Milford</p> <p>Sasco Creek Bridge Attachment Fairfield/Westport (This area represents the intersection between Segments 4A and 4B).</p> <p>Mill River (Southport Harbor) Bridge Attachment Fairfield</p>	<p>Housatonic River is complete. Final restoration/ surface treatment is required on the east side. 9/12/08</p> <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. 9/12/08</p> <p>Tie-in work has been completed on the bridge over Sasco Creek near sta. #434. The area has been repaved as part of final restoration plan. 9/12/08</p> <p>Tie-in work has been completed on the bridge over Mill River. The area has been milled and ready to be resurfaced. 9/12/08</p>	<p>sediment and erosion controls. 9/12/08</p> <p>Monitor and maintain sediment and erosion controls. 9/12/08</p> <p>None. 9/12/08</p> <p>Finalize the area when feasible. 9/12/08</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>NA</p>
<p>Erosion and Sediment Controls</p> <p>Saugatuck River</p> <p>Housatonic River</p>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 9/12/08</p> <p>On the west side, portions of the work area have re-vegetated. The adjacent area has been paved with a final coat. Curbing and islands have been restored. 9/12/08</p> <p>Hay bales are no longer in place along the bank of the Housatonic River near sta. #1015. The area is stable but the surface is waiting to be paved. 6/20-9/12/08 Some clear water was ponding and draining near the vault. 9/12/08</p> <p>On the east side the berm</p>	<p>Prevent dust migration by implementing the dust control measures. 9/12/08</p> <p>Continue to sweep the roadway as necessary. Provide additional stabilization on the islands if necessary. 9/12/08</p> <p>Continue to monitor the area. Final restoration is on hold pending a planned DOT drainage project. Install additional erosion controls if necessary. 9/12/08</p> <p>Continue to monitor the</p>	<p>NA at this time.</p> <p>NA</p> <p>Continue to monitor.</p> <p>Continue to monitor.</p>

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<p>Metro North R.R. - Milford</p>	<p>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. 9/12/08</p> <p>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. 9/12/08</p> <p>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). Some sediment was still noted on the roadway but may not be project related. 9/12/08</p>	<p>area. Add controls if necessary. 9/12/08</p> <p>Continue restoration efforts. Remove temporary access road now that access to the boat ramp is restored. 9/12/08</p> <p>The catch basin needs to be cleaned once work is complete. Continue to sweep roadway as necessary. 9/12/08</p>	<p>Continue to monitor.</p> <p>Catch basin still needs attention.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The HDD of the Saugatuck River and associated wetlands in Westport is complete. Final restoration efforts continue. 9/12/08</p> <p>The HDD of the Housatonic River and associated wetlands in Stratford and Milford is complete. Final restoration efforts are on hold. 9/12/08</p>	<p>None. 9/12/08</p> <p>None. 9/12/08</p>	<p>NA</p> <p>NA</p>
<p>Staging Storage, and Parking Areas Housatonic River</p>	<p>Restoration efforts are on hold on the east side pending a planned DOT drainage project. 9/12/08</p>	<p>Continue to monitor the area. Restore the areas when feasible. See Erosion Control section for more details. 9/12/08</p>	<p>Continue to monitor.</p>

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Metro North R.R. - Milford	Restoration efforts are on hold on the east side pending a planned DOT drainage project. 9/12/08	Continue to monitor the area. Restore the areas when feasible. See Erosion Control section for more details. 9/12/08	NA
Soils	Soils had been exposed as part of the HDD work, which has been completed. Exposed areas have been repaved or temporarily stabilized with crushed stone. 9/12/08	Monitor for dust as previously indicated. See the Spills and Material Storage section. 9/12/08	NA
Saugatuck River	Staging area on the west side has been paved 9/12/08	Continue to provide a final stabilization on the islands here. 9/12/08	Continue to monitor.
Housatonic River	The work area on the east side is backfilled with stone and processed material and is ready to be paved. 9/12/08	Continue to monitor the area. Restoration efforts are on hold on the east side pending a planned DOT drainage project. 9/12/08	NA at this time.
Metro North R.R. - Milford	The staging area on the south side has been partially restored. Hay mulch has been spread to stabilize areas of exposed soil. 9/12/08	Continue to monitor the area. Permanently stabilize the area when feasible. 9/12/08	NA at this time.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area 9/12/08	None. 9/12/08	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	None. 9/12/08	None. 9/12/08	NA at this time.
Dewatering	Dewatering activities were not observed during this week's inspection. 9/12/08	Continue to ensure that material is contained appropriately and treated according to the ground-water handling plan as referenced in the D&M. 9/12/08	NA
Blasting	No blasting has been proposed. 9/12/08	None. 9/12/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the staging areas where active work was ongoing. 9/12/08	Continue to bring spill kits to active work sites. 9/12/08	NA
Additional Observations	Sediment has accumulated at the intersection of Lincoln St. and Riversdie Ave. as a result of sidewalk work not associated with this project. 9/12/08	None. Noted for the record. 9/12/08	NA

Next likely scheduled inspection:

Friday, September 19, 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



Sediment was observed along the curb line near the Metro North HDD staging area off of Naugatuck Ave. This material may not be project related.



Parking lot near sta. #234 has been repaved and the island areas appear to have been seeded. Provide mulch to prevent exposure to erosion.



Pavement has been restored in the areas of both bridge attachments (sta. #433-434 & #512-513).

