

**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.**

**Segment 3 Underground Line**

**Date:** April 25, 2007

**Inspector:** Gregory Sommer

**Location:** East Devon Substation to the Housatonic River Crossing

**Rain Event:** No precipitation was reported since the previous inspection with. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Access Roads and Adjacent Roadways</b>	A cross-country access road is being used for trenching activities at station #1065 to 1073. A stone entrance pad is in place at station #1053, where the paved way intersects the cross-country route. It appears that Segment 3 activities are complete, while overhead Segment 2b activities are proposed to continue in this area. 4/25/07	Contractors should coordinate responsibility of the maintenance of sediment/erosion control during active work in the area. If there are exposed areas which will not be disturbed/worked further, they should be stabilized. 4/25/07	Not Applicable (NA)
	No sediment tracking was noted on Naugatuck Ave. from the cross-country route. It appears that work in this area is complete for now. 4/25/07	Continue to sweep the roadway on a regular basis if active work returns. 4/25/07	NA at this time.
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed. 4/25/07	Continue to monitor and maintain the access and refresh stone when needed. 4/25/07	A stone construction pad is in place (proactively).
<b>Milford contractor yard</b>	The stone access stone pad at the entrance of the	Continue to monitor and maintain as necessary.	No issues noted but needs regular

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	yard appears clean. No sediment tracking was noted within the roadway. 4/25/07	Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 4/25/07	attention.
Vault Openings and Trench Construction	Trenching activities were being conducted at stations: #1096 to #1098 (including the excavation for vault #6), and at #1080 (for the excavation of vault #5). Sewer relocation activities were observed at vault #2. 4/25/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 4/25/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/ adjacent to construction activities. 4/25/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 4/25/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/25/07	Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. If exposed soils are not to be worked within 30 days, they should be stabilized. 4/25/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week 4/25/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 4/25/07	NA
	The erosion controls adjacent to sta. #1053 have been removed as work in this area appears complete. The controls down gradient from here remain in place. The area appears stable as evidence of erosion was not observed even after heavy	Protect resource areas until adjacent areas are stabilized either temporarily or permanently, and depending on whether Seg. 2b activities will disturb these areas again. 4/25/07	Area did not show signs of erosion even after heavy rains.

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<p><b>Milford (contractor yard)</b></p>	<p><b>observed even after heavy rains last week. 4/25/07</b></p> <p><b>Exposed slopes near sta. #1076 should be temporarily or permanently stabilized. 4/13 - 4/25/07</b></p> <p><b>The steepest slope near sta. #1080 has been temporarily stabilized with bark mulch. 4/25/07</b></p> <p><b>Sediment has accumulated against the erosion controls, adjacent to the entrance to the yard. This flows toward the catch basin during rain events. 4/25/07</b></p> <p><b>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. 4/25/07</b></p>	<p><b>Spread mulch and/or seed in the area to stabilize the exposed slopes and prevent erosion. 4/13-4/25/07</b></p> <p><b>None. 4/25/07</b></p> <p><b>Although controls are in place in the catch basin, the accumulated sediment should be removed to prevent future issues. 4/25/07</b></p> <p><b>Contain material within established storage area and limits of yard. Pull the deposited gravel back into the yard. 4/25/07</b></p>	<p><b>Needs attention when feasible.</b></p> <p><b>The slope was temporarily stabilized.</b></p> <p><b>Needs attention.</b></p> <p><b>Needs regular attention.</b></p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<p><b>Inland Wetland resource areas are located near station # 1053, 1051, and from #1012 to 1021. Stations #1117 to 1118 are located in a resource area. 4/25/07</b></p> <p><b>Wetland flagging was also noted along the trench work between station #1049-51. 4/25/07</b></p>	<p><b>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 4/25/07</b></p> <p><b>None at this time. 4/25/07</b></p>	<p><b>NA</b></p> <p><b>NA</b></p>
<p><b>Staging, Storage, and Parking Areas</b></p>	<p><b>A contractor lay-down yard is located in Milford off of Shelland St. Jersey barriers are set up as bins to hold fill materials but have overtopped the perimeter controls of the yard. Additional stone is in place throughout the yard to reduce mud and</b></p>	<p><b>See erosion control section for more details but repairs are needed to ensure sediment and materials are contained to the perimeter of the yard. 4/25/07</b></p>	<p><b>NA</b></p>

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	<p><b>subsequent tracking 4/25/07</b></p> <p>The stone that was noted on the wrong side of the perimeter controls near the south side of the Shelland St. contractor yard (3/15) still remains. It appears to be the result of snow plowing over the fence. 3/27-4/25/07</p>	<p>Remove the gravel carefully by hand when feasible and restore the area if needed. 4/25/07</p>	<p>Needs attention when feasible.</p>
<p><b>Soils</b></p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 4/25/07</p>	<p>Soils appear to be handled appropriately. 4/25/07</p>	<p>NA</p>
<p><b>State species of concern, threatened and endangered species.</b></p>	<p>According to the D&amp;M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>
<p><b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b></p>	<p>Clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 4/25/07</p> <p>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. Herbaceous vegetative is stabilizing this area. 4/25/07</p>	<p>Restore area as required by the D&amp;M Plan when feasible and as work is completed. Contractors understand that wood chips can be spread to a depth of 3" in upland portions of the ROW or to stabilize upland work area as necessary. 4/25/07</p> <p>Final stabilization of exposed soils should be performed if necessary. 4/25/07</p>	<p>Needs attention when work is complete.</p> <p>Vegetative cover continues to establish.</p>
<p><b>Dewatering</b></p>	<p>Dewatering activities were not observed during this week's inspection. 4/25/07</p>	<p>None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 4/25/07</p>	<p>NA</p>
<p><b>Spills and Material Storage</b></p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 4/25/07</p>	<p>Continue to bring spill kits to active work sites. 4/25/07</p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Additional Observations</b>	<b>None 4/25/07</b>	<b>None 4/25/07</b>	<b>NA</b>

**Next likely scheduled inspection:** Wednesday May 2, 2007

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:** Greg Sommer, BSC Group

**Reviewer:** Diana Walden and Katie Bednaz BSC Group



**Both photos show the Milford contractor yard. Left: The material in the storage bins have overtopped the containment area and the perimeter controls to the yard. Materials need to be pulled back into the yard. Right: Sediment has accumulated on the opposite side of the silt fence and is migrating into the catch basin. Controls are in place in the catch basin but accumulated sediment should be removed.**



**View of construction activities near sta. #1080. The slope has been temporarily stabilized with bark mulch.**