

**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:** March 1, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** Total of 0.42” of precipitation was reported since the previous inspection with 0.31” of the total recorded on 2/26. (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</b>	<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. 3/1/07</b>	<b>Continue to maintain construction pads as necessary. 3/1/07</b>	<b>Not Applicable (NA)</b>
	<b>Some sediment tracking was noted on Naugatuck Ave. from the cross-country route. The stone construction pad appears clean. 3/1/07</b>	<b>Sweep the roadway on a regular basis. 3/1/07</b>	<b>Needs regular attention.</b>
	<b>All catch basins that are downgradient of adjacent to construction activities have been protected. 3/1/07</b>	<b>Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 3/1/07</b>	<b>NA</b>
<b>Shelland St</b>	<b>Some sediment tracking was noted from the unpaved portion/active work area of the roadway near East Devon sub. 3/1/07</b>	<b>A stone construction entrance should be considered here. The street will need to be swept regularly. 3/1/07</b>	<b>Needs regular attention and evaluation.</b>
<b>Milford contractor yard</b>	<b>The stone access stone pad at the entrance of the</b>	<b>Continue to monitor and maintain as necessary.</b>	<b>No issues noted but needs regular</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>yard appeared clean. Minimal sediment was noted within the roadway. 3/1/07</p>	<p>Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 3/1/07</p>	<p>attention.</p>
<p><b>Vault Openings and Trench Construction</b></p>	<p>Trenching activities were being conducted between stations: #1016 to 1020, #1059 to 1063, #1093 to 1094, #1110 to 1113, and at #1097. 3/1/07</p> <p>Vault #4 construction activities continue. 3/1/07</p> <p>Vault #6 construction activities are complete. 3/1/07</p>	<p>Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 3/1/07</p> <p>None. 3/1/07</p> <p>None. 3/1/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p><b>Erosion and Sediment Controls</b></p>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 3/1/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 3/1/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 3/1/07</p> <p>Erosion controls remain in place along the exposed soils in the cross</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 3/1/07</p> <p>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 14-21 days, they should be stabilized. 3/1/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 3/1/07</p> <p>Continue to monitor and adjust controls as needed. 3/1/07</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Shelland St (contractor yard)	<p>country route when resource areas are adjacent. 3/1/07</p> <p>Erosion controls have been installed between trenching activities and the adjacent resource area between stations #1016 to 1020. Silt fence adjacent to station 1016+50 remains to be toed-in. 3/1/07</p> <p>Haybales were installed proactively near station #1017 to prevent sediment migration. The sediment noted along the roadway was present prior to construction. 3/1/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 3/1/07</p>	<p>Properly install (toe-in) controls adjacent to station #1016+50. Continue to monitor and adjust controls as needed. 3/1/07</p> <p>Continue to monitor. Proactive controls are in good shape. 3/1/07</p> <p>Continue to monitor. 3/1/07</p>	<p>NA</p> <p>Controls were installed proactively and for sediment that is not project related.</p> <p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>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. 3/1/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. 3/1/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 3/1/07</p> <p>None at this time. 3/1/07</p>	<p>NA</p> <p>NA</p>
Staging, Storage, and Parking Areas	<p>A contractor lay-down yard is located in Milford off of Shelland St. Jersey barriers are set up as bins to hold fill materials. Additional stone is in place throughout the yard to reduce mud and subsequent tracking</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 3/1/07</p>	<p>NA</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>3/1/07</b>		
<b>Soils</b>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 3/1/07</p> <p>Stockpiles noted near station #1112-1113 do not appear to be project related but are adjacent 3/1/07</p>	<p>Soils appear to be handled appropriately. 3/1/07</p> <p>Soils do not appear to be project related but are noted for the record. 3/1/07</p>	<p>NA</p> <p>NA</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.	None	NA
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<p>Vegetated clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 3/1/07</p> <p>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. 3/1/07</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. 3/1/07</p> <p>Final stabilization of exposed soils should be performed when weather permits. 3/1/07</p>	<p>Needs attention when work is complete.</p> <p>Needs attention when work is complete.</p>
<b>Dewatering</b>	<p>Dewatering activities were being conducted at station #1111 during this week's inspection. Water was being directed to an approved municipal discharge. 3/1/07</p> <p>The bermed basin containment area noted last week was constructed as part of the overhead utility work. 3/1/07</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. 3/1/07</p> <p>None. 3/1/07</p>	<p>NA</p> <p>The containment basin was constructed as part of the overhead work.</p>
<b>Blasting</b>	No blasting has been proposed. 3/1/07	None 3/1/07	NA
<b>Spills and Material Storage</b>	Reserve spill cleanup materials/kits were observed in the storage	Continue to bring spill kits to active work sites. 3/1/07	NA

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>yard. 3/1/07</b>		
<b>Additional Observations</b>	<b>None 3/1/07</b>	<b>None 3/1/07</b>	<b>NA</b>

**Next likely scheduled inspection:**

**Friday March 6, 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:** Katie Bednaz, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Trench backfilling activities at Vault #4 location.**



**Sediment tracking was noted from the construction entrance at station #1053 onto Naugatuck Ave. The construction entrance appears clean but the roadway should be swept.**



**Silt fence was in place between trenching activities and the adjacent resource area at #1016+50, but it needs to be properly installed (toed-in).**



**Haybales have been proactively installed to control sediment migration at station #1017. The sediment seen in the foreground of the photo was present prior to the construction activities.**



**Photo of trenching activities on Shelland St. near the entrance to the Milford lay-down yard. Minimal tracking from the yard was noted.**



**Sediment tracking from the unpaved portion of Shelland St. was apparent on the remainder of the roadway. A stone construction entrance may be necessary to reduce sediment tracking in this area. Sweep the roadway on a regular basis.**