

**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 13, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** Total of 1.91” of precipitation was reported since the previous inspection with 1.08” of the total recorded on 4/12. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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. It appears that Segment 3 activities are complete, while overhead Segment 2b activities are proposed to continue in this area. 4/13/07</b>	<b>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. 4/13/07</b>	<b>Not Applicable (NA)</b>
	<b>No sediment tracking was noted on Naugatuck Ave. from the cross-country route. It appears that work in this area is complete for now. 4/13/07</b>	<b>Continue to sweep the roadway on a regular basis if active work returns. 4/13/07</b>	<b>No issues noted, but needs regular attention.</b>
	<b>All catch basins that are downgradient of adjacent to construction activities have been protected. 4/13/07</b>	<b>Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 4/13/07</b>	<b>NA</b>
	<b>A clean, stone construction entrance is</b>	<b>Continue to monitor and maintain the access and</b>	<b>A stone construction pad is in place</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Milford contractor yard</b></p>	<p><b>in place near station #1080. Sediment tracking was not observed. 4/13/07</b></p> <p>Sediment tracking was noted on Shelland St. near sta. #1108. Segment 3 work is complete in this area, indicating that tracking is likely from other activities. 4/13/07</p> <p>The stone access stone pad at the entrance of the yard appears clean. No sediment tracking was noted within the roadway. 4/13/07</p>	<p><b>refresh stone when needed. 4/13/07</b></p> <p>Does not appear jurisdictional to this D&amp;M plan but as a project overall, the area needs regular attention. 4/13/07</p> <p>Continue to monitor and maintain as necessary. Sweep roadway regularly and continue to remove sediment accumulation from the gutter by hand if the sweeper cannot reach it. 4/13/07</p>	<p><b>(proactively).</b></p> <p>NA</p> <p>No issues noted but needs regular attention.</p>
<p><b>Vault Openings and Trench Construction</b></p>	<p>Trenching activities were being conducted at stations: #1073 to #1076, and #1096 to #1097. Excavation and soil removal was ongoing at Vault #5. 4/13/07</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. 4/13/07</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. 4/13/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/13/07</p> <p>Slurry from saw cutting activities has the potential</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. 4/13/07</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 30 days, they should be stabilized. 4/13/07</p> <p>Continue to prevent slurry from entering catch</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>NA</p>

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<p><b>Milford (contractor yard)</b></p>	<p>to enter catch basins. 4/13/07</p> <p>The erosion controls adjacent to sta. #1053, which were previously in disrepair, have been removed as work in this area appears complete. The controls down gradient from here remain in place. 4/13/07</p> <p>Exposed slopes near sta. #1076 should be temporarily or permanently stabilized 4/13/07</p> <p>Silt fence was installed along the stone construction entrance at station #1080. 4/13/07</p> <p>Haybales remain in place proactively near station #1017 to prevent sediment migration. The silt fence in this area is in disrepair. 4/3 - 4/13/07</p> <p>Perimeter controls remain in place around the yard, however, the stone pile from snow plowing remains beyond the controls. 3/27-4/13/07</p>	<p>basins and sensitive areas, by quickly attending to it as it is generated. 4/13/07</p> <p>Protect resource areas until adjacent areas are stabilized either temporarily or permanently, and depending on whether Seg. 2b activities will disturb these areas again. 4/13/07</p> <p>Spread mulch and/or seed in the area to stabilize the slopes and prevent erosion. 4/13/07</p> <p>None. Silt fence is proactive and provides a limit of access. 4/13/07</p> <p>Re-establish compromised silt fence, or stabilize exposed soils and remove silt fence. 4/3 - 4/13/07</p> <p>See the storage and staging yard section of this report for more details. 4/13/07</p>	<p>Needs evaluation to determine if controls need to be re-established.</p> <p>Needs attention when feasible.</p> <p>Silt fence was installed (proactively).</p> <p>Needs attention</p> <p>NA</p>
<p><b>Inland Wetland and Watercourse encroachment and mitigation</b></p>	<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. 4/13/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. 4/13/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 4/13/07</p> <p>None at this time. 4/13/07</p>	<p>NA</p> <p>NA</p>

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	<p>The access road gate from Naugatuck Avenue and the brush and stumps that have been previously noted in the resource area (since 3/15) have all been removed from the wetland. 4/13/07</p>	<p>None. 4/13/07</p>	<p>Materials have been removed from the wetland.</p>
<p>Staging, Storage, and Parking Areas</p>	<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. 4/13/07</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. 3/27-4/13/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 4/13/07</p> <p>Remove the gravel carefully by hand when feasible and restore the area if needed. 3/27-4/13/07</p>	<p>NA</p> <p>Needs attention when feasible.</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 4/13/07</p> <p>Environmentally sensitive soil was being removed from the Vault #5 excavation and transported to an approved location. 4/13/07</p>	<p>Soils appear to be handled appropriately. 4/13/07</p> <p>Soils appear to be handled appropriately. 4/13/07</p>	<p>NA</p> <p>Soil was being removed to an approved location.</p>
<p>State species of concern, threatened and endangered species.</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>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Vegetated clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the</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</p>	<p>Needs attention when work is complete.</p>

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	<b>trenchwork. 4/13/07</b>  <b>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. Herbaceous vegetation has started to grow in this area. 4/13/07</b>	<b>depth of 3" in upland portions of the ROW or to stabilize upland work area as necessary. 4/13/07</b>  <b>Final stabilization of exposed soils should be performed when weather permits if necessary. 4/13/07</b>	<b>Some vegetative cover was beginning to establish.</b>
<b>Dewatering</b>	<b>Dewatering activities were not observed during this week's inspection. 4/13/07</b>	<b>None. If dewatering needs to occur in the cross-country access, ensure that it is contained appropriately and filtered before released to adjacent areas. 4/13/07</b>	NA
<b>Spills and Material Storage</b>	<b>Reserve spill cleanup materials/kits were observed in the storage yard. 4/13/07</b>	<b>Continue to bring spill kits to active work sites. 4/13/07</b>	NA
<b>Additional Observations</b>	<b>None 4/13/07</b>	<b>None 4/13/07</b>	NA

**Next likely scheduled inspection:** Thursday April 19, 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



**Photo taken of sta. #1053 where the silt fence in disrepair has been removed along with the materials previously noted in the wetland (including metal gate). It appears that Segment 3 work in the cross-country area is complete for now.**



**Photo of the construction entrance located at sta. #1080.**



**Photo of excavation activities for vault #5. Crews were actively removing and transporting environmentally sensitive soil to an adjacent, exposed slope should be temporarily or permanently approved location.**



**Photo of completed trenching activities at sta. #1076. The removing and transporting environmentally sensitive soil to an adjacent, exposed slope should be temporarily or permanently approved location.**