

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 19, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of 3.57" of precipitation was reported since the previous inspection with 3.02" of the total recorded on 4/15. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	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. 4/19/07	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. 4/19/07	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. 4/19/07	Continue to sweep the roadway on a regular basis if active work returns. 4/19/07	No issues noted, but needs regular attention.
	All catch basins that are downgradient of adjacent to construction activities have been protected. 4/19/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 4/19/07	NA
	A stone construction entrance is in place near	Continue to monitor and maintain the access and	A stone construction pad is in place

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Milford contractor yard	<p>station #1080. Sediment tracking was not observed. 4/19/07</p> <p>Shelland St. appears to have been swept recently. 4/19/07</p> <p>The stone access stone pad at the entrance of the yard appears clean. No sediment tracking was noted within the roadway. 4/19/07</p>	<p>refresh stone when needed. 4/19/07</p> <p>None. Continue to provide regular attention to roadways. 4/19/07</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. 4/19/07</p>	<p>(proactively).</p> <p>The roadway was swept recently.</p> <p>No issues noted but needs regular attention.</p>
Vault Openings and Trench Construction	<p>Trenching activities were being conducted at stations: #1096 to #1097 on Shelland St. 4/19/07</p> <p>Excavation and soil removal was ongoing at Vault #5. 4/19/07</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. 4/19/07</p>	<p>NA</p>
Erosion and Sediment Controls	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/ adjacent to construction activities. 4/19/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 4/19/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 4/19/07</p> <p>The erosion controls adjacent to sta. #1052</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. 4/19/07</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. 4/19/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 4/19/07</p> <p>Protect resource areas until adjacent areas are</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>NA</p> <p>Area did not show signs of erosion over</p>

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	<p>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 rains. 4/19/07</p> <p>Exposed slopes near sta. #1076 should be temporarily or permanently stabilized 4/13 - 4/19/07</p> <p>Haybales remain in place proactively near station #1017 to prevent sediment migration. The portion of silt fence in disrepair in this area has been maintained. 4/19/07</p>	<p>until adjacent areas are stabilized either temporarily or permanently, and depending on whether Seg. 2b activities will disturb these areas again. 4/19/07</p> <p>Spread mulch and/or seed in the area to stabilize the slopes and prevent erosion. 4/13-4/19/07</p> <p>Continue to stabilize exposed soils so that silt fence can eventually be removed. 4/19/07</p>	<p>signs of erosion even after heavy rains.</p> <p>Needs attention when feasible.</p> <p>Silt fence has been repaired.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</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. 4/19/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. 4/19/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 4/19/07</p> <p>None at this time. 4/19/07</p>	<p>NA</p> <p>NA</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. 4/19/07</p> <p>The stone that was noted on the wrong side of the perimeter controls near</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 4/19/07</p> <p>Remove the gravel carefully by hand when feasible and restore the</p>	<p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>the south side of the Shelland St. contractor yard (since 3/15) still remains. It appears to be the result of snow plowing over the fence. 3/27-4/19/07</p>	<p>area if needed. 4/19/07</p>	
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 4/19/07</p> <p>Environmentally sensitive soil was being removed from the Vault #5 excavation and transported to an approved location. 4/19/07</p>	<p>Soils appear to be handled appropriately. 4/19/07</p> <p>Soils appear to be handled appropriately. 4/19/07</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&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>Clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trenchwork. 4/19/07</p> <p>Soils are temporarily stabilized with hay mulch on the corner of Shelland St. and Caswell St. Herbaceous vegetation is stabilizing this area. 4/19/07</p>	<p>Restore area as required by the D&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. 4/19/07</p> <p>Final stabilization of exposed soils should be performed if necessary. 4/19/07</p>	<p>Needs attention when work is complete.</p> <p>Some vegetative cover was beginning to establish.</p>
<p>Dewatering</p>	<p>Dewatering activities were not observed during this week's inspection. 4/19/07</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. 4/19/07</p>	<p>NA</p>

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Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 4/19/07	Continue to bring spill kits to active work sites. 4/19/07	NA
Additional Observations	None 4/19/07	None 4/19/07	NA

Next likely scheduled inspection: Thursday April 25, 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 of sta. #1053. The area appears stable even after heavy Rains, as there was no evidence of erosion.



Photo of vault #5 construction activities.



Photo of trenching activities at sta. #1096 near the Milford lay-down yard. The roadway appears to have been swept recently.