

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: February 23, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: Total of 0.44" of precipitation was reported since the previous inspection with 0.30" of the total recorded on 2/22. (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. 2/23/07	None. Continue to maintain construction pads as necessary. 2/23/07	Not Applicable (NA)
	Minimal tracking was noted on Naugatuck Ave from the stone construction pad. 2/23/07	Sweep the roadway when necessary but sediment did not appear to be an issue at this time. 2/23/07	No issues noted but needs regular attention
	All catch basins that are downgradient of adjacent to construction activities have been protected. 2/23/07	Continue to monitor and maintain controls as necessary and keep up with sawcut slurry when it is produced. 2/23/07	NA
Shelland St (contractor yard)	The stone access stone pad at the entrance of the yard was refreshed in an effort to reduce sediment. Minimal sediment was noted within the roadway. 2/23/07	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. 2/23/07	No issues noted but needs regular attention. The stone pad was refreshed.
Vault Openings and	Trenching activities were	Continue to monitor and	Catch basins are

Areas of Inspection	Observation	Recommended Action	Corrected Action
Trench Construction	<p>being conducted between stations: #1016 to 1020, #1059 to 1063, #1093 to 1094, #1110 to 1113, and at #1097. 2/23/07</p> <p>Vault #4 construction activities continue. 2/23/07</p> <p>Vault #6 construction activities have commenced. 2/23/07</p>	<p>be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 2/23/07</p> <p>None. 2/23/07</p> <p>None. 2/23/07</p>	<p>protected.(Proactively)</p> <p>NA</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. 2/32/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 2/23/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. 2/23/07</p> <p>Erosion controls remain in place along the exposed soils in the cross country route when resource areas are adjacent. 2/23/07</p> <p>Erosion controls have been installed between trenching activities at station #1016 to 1020, and the adjacent resource</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. 2/23/07</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. 2/23/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 2/23/07</p> <p>Continue to monitor and adjust controls as needed. 2/23/07</p> <p>Continue to monitor and adjust controls as needed. Stockpiles near #1113 do not appear to be project related. 2/23/07</p>	<p>Catch basins were protected.(Proactively)</p> <p>Needs regular attention but good efforts were noted</p> <p>NA</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Shelland St (contractor yard)	<p>area. 2/23/07</p> <p>Erosion controls remain around the entire perimeter of the contractor lay-down yard. Sediment issues were not observed. 2/23/07</p>	<p>Continue to monitor. 2/23/07</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. 2/23/07</p> <p>Wetland flagging was also noted along the trenchwork between station #1049-51. 2/23/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 2/23/07</p> <p>None at this time. 2/23/07</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. 2/23/07</p>	<p>Continue to monitor the perimeter of the yard to ensure sediment and materials are contained. 2/23/07</p>	<p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 2/23/07</p> <p>Stockpiles noted near station #1112-1113 do not appear to be project related but are adjacent 2/23/07</p>	<p>Soils appear to be handled appropriately. 2/23/07</p> <p>Soils do not appear to be project related but are noted for the record. 2/23/07</p>	<p>NA</p> <p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Vegetated clearing has been conducted on the edge of the cross-country ROW from station #1064</p>	<p>Restore area as required by the D&M Plan when feasible and as work is completed. Contractors</p>	<p>Needs attention when work is complete.</p>

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	<p>to 1073 in order to accommodate the trenchwork. 2/23/07</p> <p>Soils are temporarily stable with hay mulch in place on the corner of Shelland St. and Caswell St. 2/23/07</p>	<p>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. 2/23/07</p> <p>Final stabilization of exposed soils should be performed when weather permits. 2/23/07</p>	<p>Needs attention when work is complete.</p>
Dewatering	<p>Dewatering activities were not being conducted during this week's inspection. 2/23/07</p> <p>A bermed basin was constructed, surrounded by a layer of silt fence and haybales, in preparation for either dewatering or washouts. 2/16/07</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. 2/23/07</p> <p>Continue to monitor. 2/16/07</p>	<p>NA</p> <p>A containment basin was constructed. (proactively)</p>
Blasting	<p>No blasting has been proposed. 2/23/07</p>	<p>None 2/23/07</p>	<p>NA</p>
Spills and Material Storage	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 2/23/07</p>	<p>Continue to bring spill kits to active work sites. 2/23/07</p>	<p>NA</p>
Additional Observations	<p>None 2/23/07</p>	<p>None 2/23/07</p>	<p>NA</p>

Next likely scheduled inspection:

Friday March 1, 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 trenching activities from station #1016 to 1020.



Minimal tracking was noted near station #1052 onto Naugatuck Ave. Sweep the roadway when necessary.



View of the trenching activities being conducted between stations #1110 to 1112.



Photo of trenching activities on Shelland St. near the entrance to the Milford lay-down yard. Minimal sediment tracking was noted and the stone entrance pad had been refreshed since last week's inspection.