

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: July 5, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.73” of precipitation was reported since the previous inspection, with the total precipitation recorded on 7/4. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Exposed soils along the cross-country route for trenching activities between station #1065 to 1073 remain hydro-seeded for temporary stabilization until overhead Segment 2b activities continue in this area. Vegetative cover continues to return in portions of this area. 7/5/07	Contractors should coordinate responsibility of the maintenance of sediment/erosion control during active work in the area. 7/5/07	Not Applicable (NA)
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed as the area was inactive. 7/5/07	Continue to monitor and maintain the access and refresh stone when needed. 7/5/07	NA
	Sediment tracking by trucks transporting materials (likely for the East Devon substation construction) was noted onto the paved portion of Shelland St. Segment 3 activities required minimal vehicle traffic in this area. 6/13-7/5/07	Tracking appeared to not be related to the Segment 3 construction activities. See the East Devon report for more details. 7/5/07	NA (non-jurisdictional to this D&M)
Milford lay-down yard	The yard was locked	Continue to monitor and	No issues noted but

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	<p>during the site inspection. No issues were noted from the observations made from outside of the yard. The minor sediment tracking from last week was not observed this week. 7/5/07</p> <p>A small amount of sediment has accumulated adjacent to the catch basin located immediately outside of the entrance to the yard. 7/5/07</p>	<p>maintain as necessary. See erosion and sediment control section. 7/5/07</p> <p>Remove and properly dispose of accumulated sediment to prevent it from migrating further. Sweep by hand if necessary. 7/5/07</p>	<p>needs regular attention.</p> <p>Needs attention when feasible.</p>
<p>Vault Openings and Trench Construction</p>	<p>Paving activities were being conducted at stations: #1049 to #1050+50 and trenching activities have resumed leading up to vault #3. 7/5/07</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. See erosion control section. 7/5/07</p>	<p>NA</p>
<p>Erosion and Sediment Controls</p>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/ adjacent to construction activities. 7/5/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 7/5/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 7/5/07</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. 7/5/07</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. 7/5/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 7/5/07</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>No issues noted but needs regular attention.</p>

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Milford lay-down yard	<p>Soil on the slope near vault #3 was exposed as trenching activities resumed here. 7/5/07</p> <p>Material (gravel) was overtopping the established storage binds, beyond the perimeter controls of the yard. (noted since 4/25) 5/7/07</p>	<p>Install erosion controls to prevent soil migration during storm events. 7/5/07</p> <p>Contain material within established storage area and limits of yard. Contractors stated the materials will be removed when the area is restored. 5/7/07</p>	<p>Needs attention</p> <p>Contractors stated that the materials will be removed when the yard is restored.</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. 7/5/07</p> <p>Wetland flagging was also noted along the trench work between station #1049-51. Portions of the vegetation in this area have been cleared due to other activity. 7/5/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 7/5/07</p> <p>None at this time. 7/5/07</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 but have overtopped the containment area. Additional stone is in place throughout the yard to reduce mud and subsequent tracking. 7/5/07</p>	<p>See erosion control section for more details. Contractors have stated the materials will be removed when the yard is restored. Contain material within established storage area and limits of the yard. 7/5/07</p>	<p>Contractors have stated the materials will be removed when the yard is restored.</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 7/5/07</p>	<p>Soils appear to be handled appropriately. 7/5/07</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>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<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 trench work. 7/5/07</p> <p>Turf grass, hay mulch and the planted sapling remain at vault #3 in an effort to restore pre-construction conditions. New trenching has exposed some soil. 7/5/07</p> <p>Hydro-seed remains within the cross-country portion of the right-of-way off of Naugatuck Ave. and along the slope near sta. #1076. 7/5/07</p> <p>The exposed soils located outside of the Milford lay-down yard that were recently seeded and mulched have some new grass growth. 7/5/07</p> <p>The steepest slope near sta. #1080 remains partially exposed, construction activities are complete. (noted 6/6) Some wood chips have been spread to stabilize the soil. 6/29-7/5/07</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. 7/5/07</p> <p>Continue to monitor turf grass for viability and permanently stabilize mulched area. See erosion control section. 7/5/07</p> <p>Continue to monitor locations where mulch and seed was applied to ensure proper final stabilization. 7/5/07</p> <p>Continue to monitor until exposed soils are permanently stabilized. 7/5/07</p> <p>Implement measures to permanently or temporarily stabilize the entire area and prevent erosion along the slope. If exposed soils are not to be worked within 30 days, they should be stabilized. 7/5/07</p>	<p>Continue to monitor.</p> <p>NA at this time</p> <p>NA at this time</p> <p>Some grass growth was noted</p> <p>Continue to monitor, needs additional attention when feasible.</p>
<p>Dewatering</p>	<p>Dewatering activities were not observed during this week's inspection. 7/5/07</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. 7/5/07</p>	<p>NA</p>
<p>Spills and Material</p>	<p>Reserve spill cleanup</p>	<p>Continue to bring spill</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Storage	materials/kits were observed in the storage yard. 7/5/07	kits to active work sites. 7/5/07	
Additional Observations	None 7/5/07	None 7/5/07	NA

Next likely scheduled inspection:

Friday July 13, 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



Trenching activities have resumed leading up to vault #3. Exposed soil should be contained/stabilized when feasible to prevent migration during storm events.



The steepest slope near sta. #1080 remains exposed. The area should be stabilized as soon as feasible.