

**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:** June 21, 2007

**Inspector:** Gregory Sommer

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

**Rain Event:** 0.75” of precipitation was reported since the previous inspection, with 0.59” recorded on 6/16. (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>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. 6/21/07</b>	<b>Contractors should coordinate responsibility of the maintenance of sediment/erosion control during active work in the area. 6/21/07</b>	<b>Not Applicable (NA)</b>
	<b>A stone construction entrance is in place near station #1080. Sediment tracking was not observed as the area was inactive. 6/21/07</b>	<b>Continue to monitor and maintain the access and refresh stone when needed. See clearing and stabilization section. 6/21/07</b>	<b>NA</b>
	<b>Sediment tracking by trucks transporting materials (likely for the East Devon substation construction) was noted on the paved portion of Shelland St. Segment 3 activities require minimal vehicle traffic in this area. 6/13-6/21/07</b>	<b>Tracking appeared to not be related to the Segment 3 construction activities. See the East Devon report for more details. 6/21/07</b>	<b>NA (non-jurisdictional to this D&amp;M)</b>
<b>Milford lay-down yard</b>	<b>The stone access pad at the entrance of the yard appears clean. No sediment tracking was</b>	<b>Continue to monitor and maintain as necessary. Sweep roadway regularly and continue to remove</b>	<b>No issues noted but needs regular attention.</b>

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	attributed to this location. 6/21/07	sediment accumulation from the gutter by hand if the sweeper cannot reach it. 6/21/07	
Vault Openings and Trench Construction	Trenching activities were being conducted at stations: #1049 to #1050+50. Manhole rims were being retrofitted at vault #6. 6/21/07	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. 6/21/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/ adjacent to construction activities. 6/21/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 6/21/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 6/21/07	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. 6/21/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. Saw cutting activities had occurred just prior to the inspection near sta #1049-50 and a minor amount of slurry was migrating along the roadway. 6/21/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 6/21/07	Needs regular attention.
	Steel plates were stockpiled against a section of silt fence near sta #1050, pushing it over. 6/21/07	Repair fence when feasible and pull plates back. 6/21/07	Needs attention when feasible.
Milford lay-down yard	Material (gravel) was overtopping the	Contain material within established storage area	Contractors stated that the materials will

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	established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 6/21/07	and limits of yard. contractors stated the materials will be removed when the area is restored. 6/21/07	be removed when the yard is closed and restored.
Inland Wetland and Watercourse encroachment and mitigation	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. 6/21/07  Wetland flagging was also noted along the trench work between station #1049-51. Portions of the vegetation in this area has been cleared due to other activity. 6/21/07	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 6/21/07  None at this time. 6/21/07	NA  NA
Staging, Storage, and Parking Areas	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. 6/21/07	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. 6/21/07	Contractors have stated the materials will be removed when the yard is restored.
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 6/21/07	Soils appear to be handled appropriately. 6/21/07	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area	None	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Clearing is complete along the edge of the cross-country ROW from station #1064 to 1073 in order to accommodate the trench work. 6/21/07	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	Needs attention when work is complete.

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	<p>Turf grass, hay mulch and the planted sapling remain at vault #3 in an effort to restore pre-construction conditions. 6/21/07</p> <p>Hydroseed remains within the cross-country portion of the right-of-way off of Naugatuck Ave. and along the slope near sta. #1076. 6/21/07</p> <p>The exposed soils located outside of the Milford lay-down yard that were recently seeded and mulched have some new grass growth. 6/21/07</p> <p>Construction activities are complete near sta. #1080. An area of soil, including an adjacent steep slope remain exposed. (noted 6/6) Some wood chips have been spread to stabilize the soil. 6/21/07</p>	<p>portions of the ROW or to stabilize upland work area as necessary. 6/21/07</p> <p>Continue to monitor turf grass for viability and permanently stabilize mulched area. 6/21/07</p> <p>Continue to monitor locations where mulch and seed was applied to ensure proper final stabilization. 6/21/07</p> <p>Continue to monitor until exposed soils are permanently stabilized. 6/21/07</p> <p>Implement measures to permanently or temporarily stabilize the entire area, and prevent the slope from eroding. If exposed soils are not to be worked within 30 days, they should be stabilized. 6/21/07</p>	<p>NA at this time</p> <p>NA at this time</p> <p>Some grass growth was noted</p> <p>Needs attention when feasible.</p>
<p><b>Dewatering</b></p>	<p>Dewatering activities were not observed during this week's inspection. 6/21/07</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. 6/21/07</p>	<p>NA</p>
<p><b>Spills and Material Storage</b></p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 6/21/07</p> <p>A Sani-can (portable sanitary facility) that was stored upgradient of a resource area near station</p>	<p>Continue to bring spill kits to active work sites. 6/21/07</p> <p>Continue to store portable facilities and equipment at least 100 feet away from resource</p>	<p>NA</p> <p>Sani-can has been relocated away from resource areas.</p>

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	#1050 last week has been relocated. 6/21/07	areas whenever feasible. 6/13/07	
Additional Observations	Access roadway near the intersection of Naugatuck Ave & Kent St has been paved to widen the roadway and accommodate the proposed directional boring. 6/21/07	None 6/21/07	NA

**Next likely scheduled inspection:** Friday, June 29, 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:** Gregory Sommer, BSC Group

**Reviewer:** Diana Walden & Katie Bednaz, BSC Group



**Trenching and saw cutting work near sta. #1049 to #1050 was ongoing at the time of the inspection. A minor amount of slurry was migrating along the roadway which has the potential to enter catch basins. Continue to provide good efforts to sweep roadways.**



**Materials being stored in the Milford lay-down yard remain over the jersey barrier containment area. The materials are stable and remain at the boundary of the silt fence and will be addressed as part of final restoration once the yard is closed/demobilized.**



**Steel plates were stockpiled close to a section of silt fence near sta. #1050. The damaged section of silt fence should be restored and the plates should be pulled back.**