

**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:** August 8, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** 0.09” of precipitation was reported since the previous inspection with 0.07” of the total precipitation recorded on 8/6. (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>	Exposed soils along the cross-country route for trenching activities between station #1065 to 1073 were previously hydro-seeded for temporary stabilization until overhead Segment 2b activities continue in this area. Vegetation is now at the required 75% cover in approximately 90% of this area. It is anticipated that the small patches that remain sparsely vegetated will become stabilized over time. 8/8/07	Contractors should coordinate responsibility of the maintenance of sediment/erosion control during active work in the area. Erosion controls may be removed when areas are considered fully stabilized (i.e. 75% vegetative cover). 8/8/07	The majority of this area is appropriately stabilized with vegetative cover and can likely be removed from the inspection route.
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed as the area was inactive. 8/8/07	Continue to monitor and maintain the access and refresh stone when needed. 8/8/07	Not Applicable (NA)
<b>Milford lay-down yard</b>	The stone from the entrance to the yard is migrating out onto Shelland St. 7/19 – 8/8/07	Sweep rock back out of Shelland St. so that it is located entirely within the yard boundaries. 7/19 – 8/8/07	Needs attention when feasible.
<b>Vault Openings and</b>	No active work on vaults	None. 8/08/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<b>Trench Construction</b>	<b>or trench were observed in this segment during this inspection. 8/08/07</b>		
<b>Erosion and Sediment Controls</b>	<p><b>Filter fabric or filter socks remain in catch basins that are down-gradient of/ adjacent to construction activities. 8/08/07</b></p> <p><b>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 8/08/07</b></p> <p><b>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 8/08/07</b></p> <p><b>The soil on the slope near vault #3 which had been exposed (noted 7/5) remains temporarily stabilized with hay mulch and barrier controls (since 7/25). 8/08/07</b></p> <p><b>Exposed soil along the slope near sta. #1080 has been temporarily stabilized with hay mulch (noted 7/13). A paved berm remains at the top of the slope to proactively divert stormwater to a catch basin (noted 7/19). 8/08/07</b></p> <p><b>A section of silt fence near sta. #1017 is in disrepair but adjacent M/N work is stable. Other non-M/N contractors</b></p>	<p><b>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 8/08/07</b></p> <p><b>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. 8/08/07</b></p> <p><b>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 8/08/07</b></p> <p><b>Continue to monitor the area for run-off and erosion until it is permanently stabilized 8/08/07</b></p> <p><b>Continue to monitor the slope. Permanently stabilize the slope as soon as feasible. Continue to monitor to ensure diverted stormwater does not affect neighboring properties. 8/08/07</b></p> <p><b>Re-establish erosion controls if M/N work is to continue in this area, or remove the silt fence. 7/25-8/08/07</b></p>	<p><b>Catch basins were protected.(Proactively)</b></p> <p><b>NA</b></p> <p><b>No issues noted but needs regular attention.</b></p> <p><b>NA at this time</b></p> <p><b>The slope is temporarily stabilized, but needs final restoration.</b></p> <p><b>Needs evaluation</b></p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p>have also been noted using this location as a staging area. 7/25 – 8/08/07</p> <p>A stone berm has now been installed along the perimeter of the yard in an effort to reduce the accumulation of fine sediment noted at the entrance to the yard (since 7/5). 8/08/07</p>	<p>Monitor to ensure the effectiveness of the stone berm during rain events. Remove accumulated sediment outside of yard if vegetation continues to be sparse. 8/08/07</p>	<p>A stone berm is now in place as an additional barrier.</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. 8/08/07</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. 8/08/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 8/08/07</p> <p>None at this time. 8/08/07</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. 8/08/07</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. 8/08/07</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. 8/08/07</p>	<p>Soils appear to be handled appropriately. 8/08/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<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>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b></p>	<p>Approximately 90% of the cross-country ROW from station #1064 to 1073 has established vegetative cover. (greater than 75% vegetative cover). 8/08/07</p> <p>Turf grass, hay mulch and the planted sapling remain at vault #3 in an effort to restore pre-construction conditions. New trenching had exposed some soil but the area remains mulched with hay. 8/08/07</p> <p>The exposed soils located outside of the Milford lay-down yard that were recently seeded and mulched have some sparse grass growth. Sediment from yard had been accumulating in this location before the stone berm was installed. 8/08/07</p>	<p>Areas which have not reached 75% vegetative cover are expected to continue to stabilize. 8/08/07</p> <p>Continue to monitor turf grass for viability and permanently stabilize mulched area. See erosion control section for more details. 8/08/07</p> <p>Continue to monitor until exposed soils are permanently stabilized. If cover continues to be sparse, consider removing the accumulated sediment and re-seeding area. 8/08/07</p>	<p>A large majority of the ROW is stabilized and can likely be removed from the inspection route.</p> <p>NA at this time</p> <p>Continue to monitor</p>
<p><b>Dewatering</b></p>	<p>Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 8/08/07</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered before released to adjacent areas. 8/08/07</p>	<p>NA</p>
<p><b>Blasting</b></p>	<p>No blasting has been proposed. 8/08/07</p>	<p>None 8/08/07</p>	<p>NA</p>
<p><b>Spills and Material Storage</b></p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 8/08/07</p> <p>Dried concrete washout or slurry was noted in an uncontained location near sta.#1016. (noted 7/13) M/N contractors state that this was not a</p>	<p>Continue to bring spill kits to active work sites. 8/08/07</p> <p>None. Contractors state this is not project jurisdictional material. 8/082/07</p>	<p>NA</p> <p>M/N contractors state that the concrete washout was not a result of their activities</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>result of their activities. Other contractors have been noted using this location as a staging area and may be responsible for the concrete washout. 8/08/07</b></p> <p><b>Material (gravel) was overtopping the established storage binds, beyond the perimeter controls of the yard. (noted since 4/25) 8/08/07</b></p>	<p><b>Contain material within established storage area and limits of yard. Contractors stated the materials will be removed when the area is restored. 8/08/07</b></p>	<p><b>Contractors stated that the materials will be removed when the yard is restored.</b></p>
<p><b>Additional Observations</b></p>	<p><b>None 8/08/07</b></p>	<p><b>None 8/08/07</b></p>	<p><b>NA</b></p>

**Next likely scheduled inspection:** Wednesday August 15, 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



**A sufficiently sized stone berm has been installed within the Milford lay-down yard to control sediment migration beyond the limits of yard.**



**The majority of the ROW between Bic Drive and Naugatuck Ave. is permanently stabilized with vegetative cover.**