

**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:** October 11, 2007

**Inspector:** Gregory Sommer

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

**Rain Event:** 0.56" of precipitation was reported since the previous inspection, with the majority of the total falling on 10/09 and 10/10 (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>The ROW between sta. #1051 to #1080 is stable. Stone construction entrance remains in place near #1051 and #1080 for maintenance activities. Sediment tracking was not observed in these areas. 10/11/07</b>	<b>Continue to monitor and maintain the access and refresh stone when needed. 10/11/07.</b>	<b>Not Applicable (NA)</b>
<b>Vault Openings and Trench Construction</b>	<b>Electrical work trucks were stationed at vault #5. No soil disturbing activities were noted. Only a few areas of trenching remain to be completed in this segment. 10/11/07</b>	<b>None. 10/11/07</b>	<b>NA</b>
<b>Erosion and Sediment Controls</b>	<b>Filter fabric or filter socks remain in catch basins that are down-gradient of/ adjacent to remaining areas of exposed soil. 10/11/07</b>  <b>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week (no active work). 10/11/07</b>	<b>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 10/11/07</b>  <b>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 10/11/07</b>	<b>Catch basins were protected.(proactively)</b>  <b>No issues noted but needs regular attention.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p><b>Milford lay-down yard</b></p>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/11/07</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. 10/11/07</p>	<p>NA</p>
	<p>The soil on the slope near sta. #1049 (vault #3) which had been exposed (noted 7/5) remains temporarily stabilized with hard-pack and barrier controls (since 7/25). 10/11/07</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 10/11/07</p>	<p>NA</p>
	<p>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). 10/11/07</p>	<p>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. Contractors will be working on a future plan for final stabilization here. 10/11/07</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</p>
	<p>Other contractors continue to work in the area of sta. #1015-1020 (vault #1). These activities are not part of the Middletown/Norwalk project but the work impedes any further stabilization in this area. 8/27 - 10/11/07</p>	<p>If feasible, it would be beneficial to apply seed/mulch to the areas where M/N erosion controls were removed. 10/11/07</p>	<p>Area is being disturbed by other construction activities not part of the M/N project.</p>
	<p>The stone berm that has been installed in an effort to reduce the accumulation of fine sediment to the entrance to the yard continues to function as intended. 10/11/07</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. 10/11/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	A small section of silt fence near the entrance to the yard is sagging but continues to function. 10/11/07	When feasible, repair sagging section of silt fence. 10/11/07	Needs attention when feasible.
Inland Wetland and Watercourse encroachment and mitigation	Inland Wetland resource areas are located near station from #1012 to 1021, # 1051, and #1053. Stations #1117 to 1118 are located in a resource area. 10/11/07	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 10/11/07	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 contain stockpiled materials. Stone is in place throughout the yard to reduce mud and subsequent tracking. Yard has been idle for several weeks as work has shifted to other areas of the project. 10/11/07	See erosion control section and spills and material storage section for more details. Contain material within established storage area and limits of the yard. 10/11/07	NA
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 10/11/07	Soils appear to have been handled appropriately. No active work at this time. 10/11/07	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	<p>Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 10/11/07</p> <p>The partially vegetated slope near sta. #1080 will be fully restored in the future. A plan is being worked out with the landowner. 10/11/07</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 10/11/07</p> <p>Continue to monitor until the slope is permanently stabilized. 10/11/07</p>	<p>NA at this time</p> <p>NA at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<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 (since 7/5) in this location before the stone berm was installed. 10/11/07</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. 10/11/07</p>	<p>Continue to monitor</p>
<p>Dewatering</p>	<p>Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 10/11/07</p>	<p>None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&amp;M plan. 10/11/07</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 10/11/07</p>	<p>None 10/11/07</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Reserve spill cleanup materials/kits were observed in the storage yard. 10/11/07</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 10/11/07</p>	<p>Continue to bring spill kits to active work sites. 10/11/07</p> <p>Contractors stated the materials will be removed when the area is restored. 10/11/07</p>	<p>NA</p> <p>Contractors stated that the materials will be removed when the yard is restored.</p>
<p>Additional Observations</p>	<p>Construction activities that are not part of the M/N project have continued near sta. #1015 to #1020 (vault #1) for several weeks. This continues to disturb soil in the area and concrete washouts are a regular occurrence. 10/11/07</p> <p>Equipment was being stored at sta. #1051 near the entrance to the ROW and less than 100' from the adjacent resource area. Equipment appears to be related to work on the</p>	<p>Further stabilization on the part of M/N contractors would be difficult in this area. 10/11/07</p> <p>Equipment should be stored at least 100-feet from resource areas. 10/11/07</p>	<p>Non-jurisdictional to this D&amp;M plan. Noted for the record.</p> <p>Equipment does not appear to be associated with this portion of the project. Noted for the record.</p>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>overhead line. 10/11/07</b>		

**Next likely scheduled inspection:**

**Thursday October 18, 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, BSC Group



**Construction activities that are not part of the M/N project have continued near sta. #1015-1020 (vault #1) for several months. This continues to disturb soil in the area and concrete washouts are a regular occurrence.**



**Exposed soil on the slope near sta. #1049 (vault #3) remain temporarily stabilized and contained with hard-pack and barrier controls.**



**Equipment was being stored at sta. #1051 near the entrance to the ROW and less than 100' from the adjacent resource area. Equipment appears to be related to work on the overhead wires.**



**A small section of silt fence near the entrance to the Shelland St. laydown yard is sagging but continues to function. This yard appears to be idle as work has shifted to other areas of the project.**