

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: September 18, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.13” of precipitation was reported since the previous inspection with 0.11 of precipitation recorded on 9/15. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	The ROW between sta. #1065 to 1073 is stable. A stone construction entrance remains for maintenance activities. 9/18/07	Continue to monitor and refresh stone when needed. 9/18/07.	Not Applicable (NA)
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed as the area was inactive. 9/18/07	Continue to monitor and maintain the access and refresh stone when needed. 9/18/07	NA
Milford lay-down yard	The stone from the entrance to the yard had been migrating out onto Shelland St. from 7/19 – 9/11/07. The stone has now been pulled back where appropriate. 9/18/07	None at this time. 9/18/07.	Stone has been pulled back where appropriate.
Vault Openings and Trench Construction	Electrical work continues between vaults #5 and #6. No soil disturbing activities were noted. Only a few areas of trenching remain to be completed in this segment. 9/18/07	None. 9/18/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Erosion and Sediment Controls	Filter fabric or filter socks remain in catch basins that are down-gradient of/ adjacent to remaining areas of exposed soil. 9/18/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 9/18/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 9/18/07	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. 9/18/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week (no active work). 9/18/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 9/18/07	No issues noted but needs regular attention.
	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). 9/18/07	Continue to monitor the area for run-off and erosion until it is permanently stabilized. 9/18/07	NA at this time
	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). 9/18/07	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. 9/18/07	The slope needs final restoration. (Contractors will be working on a future plan)
	Other contractors continue to work in the area of vault #1/sta. #1015-1020. These activities are not part of the Middletown/Norwalk	If feasible, it would be beneficial to apply seed/mulch to the areas where M/N erosion controls were removed. 9/18/07	Area is being disturbed by other construction activities not part of the M/N project.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p>project but the work impedes any further stabilization in this area. 8/27 - 9/18/07</p> <p>Silt fence has been removed from the area between sta. #1052 to #1074. 9/18/07</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. 9/18/07</p>	<p>None at this time. 8/11/07</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. 9/18/07</p>	<p>Silt fence has been removed.</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. 9/18/07</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 activities. 9/18/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 9/18/07</p> <p>None at this time. 9/18/07</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. 9/18/07</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. 9/18/07</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. 9/18/07</p>	<p>Soils appear to be handled appropriately. 9/18/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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	Turf grass, hay mulch and the planted sapling remain at vault #3 in an effort to restore pre-construction conditions. 9/18/07	Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 9/18/07	NA at this time
	The partially vegetated slope near sta. #1080 will be fully restored in the future. A plan is being worked out with the landowner. 9/18/07	Continue to monitor until the slope is permanently stabilized. 9/18/07	NA at this time.
	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. 9/18/07	Continue to monitor until exposed soils are permanently stabilized. If cover continues to be sparse, consider removing the accumulated sediment and re-seeding area. 9/18/07	Continue to monitor
Dewatering	Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 9/18/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered before released to adjacent areas. 9/18/07	NA
Blasting	No blasting has been proposed. 9/18/07	None 9/18/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 9/18/07	Continue to bring spill kits to active work sites. 9/18/07	NA
	Material (gravel) was overtopping the established storage bins, beyond the perimeter	Contractors stated the materials will be removed when the area is restored. 9/18/07	Contractors stated that the materials will be removed when the yard is restored.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	controls of the yard. (noted since 4/25) 9/18/07		
Additional Observations	Construction activities that are not part of the M/N project have continued near vault #1 for several weeks. This continues to disturb soil in the area and concrete washouts are a regular occurrence. 9/18/07	Further stabilization on the part of M/N contractors would be difficult in this area. 9/18/07	Non-jurisdictional to this D&M plan. Noted for the record.
	The non-project related debris near the Milford lay-down yard was removed this week. 8/27 – 9/11/07	None at this time. 9/18/07	Non-project related debris was removed

Next likely scheduled inspection: Wednesday September 26, 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: Lee Curtis, BSC Group



Both photographs were taken near sta. #1017. Left: Middlesex Construction vehicles (non-project related) have been routinely parking along the utility trench area, including at vault #1. Right: It appears that the Middlesex Construction concrete truck had recently washed-out at vault #1. Concrete washout has been noted in this location for many weeks.



The silt fence has been removed from the eastern side of the cross-country portion of the ROW. does



The stone construction entrance at the Milford yard has been pulled back toward the yard where feasible. The remainder of the stone does not have pavement underneath it, and it is recommended that it remain. In addition, the non-project related debris noted outside the yard in previous weeks has been removed.