

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 19, 2007

Inspector: Katie Bednaz

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: No precipitation was reported since the previous inspection and no data was recorded for 7/18 and 7/19. Norwalk experienced showers during this week's inspection. (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. Vegetation is at the required 75% cover in approximately 90% of this area. 7/19/07	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). 7/19/07	The majority of this area is appropriately stabilized with vegetative cover.
	A stone construction entrance is in place near station #1080. Sediment tracking was not observed as the area was inactive. 7/19/07	Continue to monitor and maintain the access and refresh stone when needed. 7/19/07	Not Applicable (NA)
	Sediment tracking by trucks transporting materials (likely for the East Devon substation construction) was noted onto the paved portion of Shelland St. since 6/13. However, tracking was not noted during this weeks inspection. 7/19/07	When tracking is present, it does not appear to be related to the Segment 3 construction activities. See the East Devon report for more details. 7/19/07	NA (non-jurisdictional to this D&M)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p>The stone from the entrance to the yard is migrating out onto Shelland St. 7/19/07</p> <p>No issues with tracking were noted at the yard. 7/19/07</p>	<p>Sweep rock back out of Shelland St. so that it is located entirely within the yard boundaries. 7/19/07</p> <p>Continue to monitor and maintain as necessary. See erosion and sediment control section. 7/5/07</p>	<p>Needs attention when feasible.</p> <p>No issues noted but needs regular attention.</p>
Vault Openings and Trench Construction	No active work on vaults or trench were observed in this segment during this inspection. 7/19/07	None. 7/19/07	NA
Erosion and Sediment Controls	<p>Filter fabric or filter socks remain in catch basins that are down-gradient of/ adjacent to construction activities. 7/19/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 7/19/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 7/19/07</p> <p>Soil on the slope near vault #3 remains exposed (noted 7/5) Rains were resulting in some erosion and run-off in this location. 7/19/07</p> <p>Exposed soil along the</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. 7/19/07</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. 7/19/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 7/19/07</p> <p>Install erosion controls to prevent soil migration during storm events. 7/5-7/19/07 Or stabilize soils with mulch and seed to reduce sedimentation. 7/19/07</p> <p>Continue to monitor the</p>	<p>Catch basins were protected.(Proactively)</p> <p>NA</p> <p>No issues noted but needs regular attention.</p> <p>Needs attention.</p> <p>A berm was installed</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p>slope near sta. #1080 has been temporarily stabilized with hay mulch. A paved berm was installed at the top of the slope to proactively divert stormwater to a catch basin. 7/19/07</p> <p>The several sections of silt fence needing repair between sta. #1015-1020 last week, have been repaired. 7/19/07</p> <p>Fine sediment continues to accumulate at the entrance to the yard. Sediment is traveling to the grassed area and catch basin (protected with silt sack and some silt fence). 7/5 - 7/19/07</p>	<p>slope. Permanently stabilize the slope as soon as feasible. Continue to monitor to ensure diverted stormwater does not affect neighboring properties. 7/19/07</p> <p>Continue to monitor and maintain erosion controls in areas that have not yet stabilized. 7/13/07</p> <p>While vegetation is helping to slow and filter sediment, remove and properly dispose the accumulated sediment. Consider adding more controls along the flow path. 7/19/07</p>	<p>at the top of slope (proactively) to divert stormwater.</p> <p>Silt fence has been re-established.</p> <p>Needs proactive attention.</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. 7/19/07</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. 7/19/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 7/19/07</p> <p>None at this time. 7/19/07</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 7/19/07</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. 7/19/07</p>	<p>Contractors have stated the materials will be removed when the yard is restored.</p>

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Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 7/19/07	Soils appear to be handled appropriately. 7/19/07	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	Approximately 90% of the cross-country ROW from station #1064 to 1073 has established vegetative cover. (greater than 75% vegetative cover). 7/19/07	Continue to monitor areas which have not reached 75% vegetative cover. 7/19/07	A large majority of the ROW is stabilized.
	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 and was resulting in some run-off. 7/19/07	Continue to monitor turf grass for viability and permanently stabilize mulched area. See erosion control section for more details. 7/19/07	Needs attention
	Hay mulch and wood chips are in place on the steepest slope near sta. #1080. However, some areas are not fully stabilized with vegetative cover. 7/19/07	Implement measures to permanently stabilize the entire area. See erosion control section for more details. 7/19/07	A berm was installed to divert stormwater. Continue to monitor.
Dewatering	Dewatering activities were not observed during this week's inspection. 7/19/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered before released to adjacent areas. 7/19/07	NA
Blasting	No blasting has been proposed. 7/19/07	None 7/19/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 7/19/07	Continue to bring spill kits to active work sites. 7/19/07	NA
	Dried concrete washout	If M/N project	Needs evaluation.

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	<p>or slurry was noted in an uncontained location near sta.#1016. Other contractors have been noted using this location as a staging area and may be responsible for the concrete washout. 7/13 – 7/19/07</p> <p>Material (gravel) was overtopping the established storage binds, beyond the perimeter controls of the yard. (noted since 4/25) 7/19/07</p>	<p>jurisdictional, properly dispose of the material and provide containment for future washouts. 7/19/07</p> <p>Contain material within established storage area and limits of yard. Contractors stated the materials will be removed when the area is restored. 7/19/07</p>	<p>Contractors stated that the materials will be removed when the yard is restored.</p>
<p>Additional Observations</p>	<p>None 7/19/07</p>	<p>None 7/19/07</p>	<p>NA</p>

Next likely scheduled inspection:

Wednesday July 25, 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 (accompanied by CT Siting Council staff)

Reviewer: Diana Walden, BSC Group



Soils are exposed near vault #3, and rains have resulted in some erosion and run-off. Controls should be installed or the soils should be stabilized to reduce sedimentation.



A paved berm has been proactively added to prevent/divert run-off from eroding the bank near sta. #1080 until it has time to stabilize. Ensure that the diverted run-off is not affecting neighboring areas.



Fine sediment continues to accumulate at the entrance to the Milford lay-down yard. The area adjacent to the catch basin is vegetated which helps to filter the sediment and some controls are in place. However, consider installing more controls along the flow path as feasible.