

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: December 12, 2007

Inspector: Gregory Sommer & Margaret Washburn

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.46” of precipitation was reported since the previous inspection, with 0.29” of the total recorded on 12/9 (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	The ROW between sta. #1051 to #1080 was stable. Stone construction entrance remains in place near #1051. The stone entrance near sta. #1080 was recently refreshed. 12/12/07 Minor sediment tracking was observed near the entrance to the contractor lay-down yard off of Shelland Street. 12/12/07	Continue to monitor and maintain the access and refresh stone as necessary. This responsibility should be coordinated with overhead contractors since their equipment is active here. 12/12/07 Monitor area and sweep as needed. 12/12/07	Not Applicable (NA) (See 2B report for details). Provide regular attention.
Vault Openings and Trench Construction	This segment of the project is currently inactive. Only a few areas of trenching remain to be completed in this segment. 12/12/07	None. 12/12/07	NA
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. 12/12/07 Saw cutting slurry has the potential to enter catch basins. Issues were not	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/12/07 Continue to prevent slurry from entering catch basins and sensitive areas,	Catch basins were protected.(proactively) No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Milford lay-down yard	<p>observed this week (no active work). 12/12/07</p>	<p>by quickly attending to it as it is generated. 12/12/07</p>	<p>NA</p>
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 12/12/07</p>	<p>Prevent dust migration by implementing dust control measures. If exposed soils are not to be worked within 30 days, they should be stabilized. 12/12/07</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). 12/12/07</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 12/12/07</p>	<p>NA</p>
	<p>A paved berm remains at the top of the slope near sta. #1080 to proactively divert stormwater to a catch basin (noted 7/19). 12/12/07</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 12/12/07</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</p>
	<p>Stone berm and silt fence remain near the entrance to the yard. The area is partially vegetated and stable. A small section of silt fence is sagging but continues to function. Some sections of silt fence along the south side of the yard are also sagging 10/25-12/12/07</p>	<p>Monitor the effectiveness of existing controls. Remove accumulated sediment from the berm as necessary. When feasible, repair sagging sections of silt fence. 10/25-12/12/07</p>	<p>Needs attention when feasible.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>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. 12/12/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 12/12/07</p>	<p>NA</p>
<p>Staging, Storage, and Parking Areas</p>	<p>A contractor lay-down yard is located in Milford off of Shelland St. Stone is in place throughout the</p>	<p>See erosion control section and spills and material storage section for more details. Contain</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yard to reduce mud and subsequent tracking. Yard has been idle for several weeks as work has shifted to other areas of the project 12/12/07	material within established storage area and limits of the yard. 12/12/07	
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 12/12/07	Soils appear to have been handled appropriately. No active work at this time. 12/12/07	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. 12/12/07</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 12/12/07</p> <p>Some vegetation cover is in place over the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 12/12/07</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 12/12/07</p> <p>Coordinate final restoration plans with the landowner. 12/12/07</p> <p>Continue to monitor until exposed soils are permanently stabilized. 12/12/07</p>	<p>NA at this time</p> <p>Final restoration needed.</p> <p>Continue to monitor.</p>
Dewatering	Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 12/12/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 12/12/07	NA
Blasting	No blasting has been proposed. 12/12/07	None 12/12/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 12/12/07	Continue to bring spill kits to active work sites. 12/12/07	NA

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	Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 12/12/07	Contractors stated the materials will be removed when the area is restored. 12/12/07	Needs attention when the yard is restored.
Additional Observations	<p>Minor ruts were observed in several locations near sta #1015 to #1020 (vault #1) however horizontal directional drilling crew are now working in this area. 12/12/07</p> <p>Minor sediment tracking remains along Caswell Street (however it is not associated with this portion of the project). The catch basin is not protected. 11/15-12/12/07</p>	<p>Monitor area. See the waterway and railroad crossings underground report. Work on restoration of this area when activities cease. 12/12/07</p> <p>Sediment appears to be related to the M/N overhead work. Responsibility for maintaining catch basin controls will need to be shifted to overhead crews. 11/15-12/12/07</p>	<p>NA at this time.</p> <p>Non-jurisdictional to this D&M plan. See the 2B report.</p>

Next likely scheduled inspection:

Thursday December 20, 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 & Margaret Washburn, BSC Group

Reviewer: Diana Walden, BSC Group



The stone has been refreshed at the construction entrance off of Caswell Street near station 1080. Overhead contractors are working in the ROW in this area.



Minor tracking was observed at the entrance to the Shelland Street lay-down yard. Sweep as needed.