

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: November 1, 2007

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.12” of precipitation was reported since the previous inspection, with all 0.12” of the total recorded on 10/25 (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. Work on the overhead lines continues in this area. Stone construction entrance remains in place near #1051 and #1080. Sediment tracking was not observed in these areas. 11/01/07	Continue to monitor and maintain the access and refresh stone as necessary. Coordinate this responsibility with overhead contractors. 11/01/07	Not Applicable (NA)
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. Overhead line work was noted on the portion of ROW that overlaps Segment 3. 11/01/07	None. 11/01/07	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. 11/01/07 Slurry from saw cutting activities has the potential to enter catch basins.	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/01/07 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>Issues were not observed this week (no active work). 11/01/07</p>	<p>by quickly attending to it as it is generated. 11/01/07</p>	
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 11/01/07</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. 11/01/07</p>	NA
	<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). 11/01/07</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 11/01/07</p>	NA
	<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). 11/01/07</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 11/01/07</p>	The slope needs final restoration. (Contractors will be working on a future plan)
	<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. 11/01/07</p> <p>A small section of silt fence near the entrance to the yard is sagging but continues to function. The area is partially vegetated and stable. Some sections of silt fence along the south side of the yard are also sagging. 10/25-11/01/07</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. 11/01/07</p> <p>When feasible, repair sagging sections of silt fence. 10/25-11/01/07</p>	NA Needs attention when feasible.
<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</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 11/01/07</p>	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	1118 are located in a resource area. 11/01/07		
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. 11/01/07	See erosion control section and spills and material storage section for more details. Contain material within established storage area and limits of the yard. 11/01/07	NA
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 11/01/07	Soils appear to have been handled appropriately. No active work at this time. 11/01/07	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	Turf grass, hay mulch and the planted sapling remain at sta. #1049 (vault #3) in an effort to restore pre-construction conditions. 11/01/07 The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 75% coverage). The slope near sta. #1080 will be fully restored in the future. A plan is being worked out with the landowner. 11/01/07 Vegetation is beginning to cover the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 11/01/07	Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 11/01/07 The slope can be considered stabilized with 75% cover. Contractors will be working on a future plan with the landowner for final restoration here. See erosion control section for more details. 11/01/07 Continue to monitor until exposed soils are permanently stabilized. 11/01/07	NA at this time The slope is stable but needs final restoration. (Contractors will be working on a future plan) Continue to monitor

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Dewatering	Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 11/01/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 11/01/07	NA
Blasting	No blasting has been proposed. 11/01/07	None 11/01/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage yard. 11/01/07 Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 11/01/07	Continue to bring spill kits to active work sites. 11/01/07 Contractors stated the materials will be removed when the area is restored. 11/01/07	NA Contractors stated that the materials will be removed when the yard is restored.
Additional Observations	Construction activities that are not part of the M/N project have continued near sta. #1015 to #1020 (vault #1) for several weeks. The work impedes any further stabilization and concrete washouts in this area are a regular occurrence. 8/27-11/01/07 Tracking was evident along Caswell Street but did not appear to be associated with this portion of the project. Noted for the record. 10/18-11/01/07 The old silt sack in the basin was torn and should be repaired or removed. 11/01/07 Stockpiles were noted in the ROW (cross-county portion of Segment 3) and appear to be associated with the overhead work. 11/01/07	Further stabilization on the part of M/N contractors would be difficult in this area. If feasible, it would be beneficial to apply seed/mulch to the areas where M/N erosion controls were removed. 11/01/07 Roadway should be swept by the responsible party as necessary to reduce tracking. 10/18-11/01/07 If M/N activities are complete here, remove the controls. If M/N activities are in any way related to the sediment tracking, the controls need replacement. 11/01/07 If stockpiles are in the area of sta. #1052+50, 1064+50 or 1078+00, erosion controls are needed by 2B contractors. 11/01/07	Non-jurisdictional to this D&M plan. Noted for the record. Needs evaluation See the 2B report.

**Next likely scheduled
inspection:**

Thursday November 8, 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



Work noted on the overhead lines along the cross country section between sta. #1051 to #1080 which overlaps the Segment 3 route. Several stockpiles were noted along the ROW, but erosion controls were not provided



The exposed soil along the slope near sta. #1080 has re-vegetated naturally (approximately 75% coverage). The slope will be fully restored in the future. A plan is being worked out with the landowner.



Tracking was evident along Caswell Street, but does not appear to be associated with this portion of the project. The catch basin was protected previously, but the silt sack is torn and in need of repair.



Shelland St. laydown yard remains inactive as work has shifted to other areas of the project. Perimeter controls continue to function, but require maintenance when work returns to this area.