

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 8, 2007

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.44" of precipitation was reported since the previous inspection, with 0.34" of the total recorded on 11/6 (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. Minor sediment tracking was observed in these areas. 11/08/07	Continue to monitor and maintain the access and refresh stone as necessary. Coordinate this responsibility with overhead contractors since Segment 3 work is not active here. 11/08/07	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. 11/08/07	None. 11/08/07	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. 11/08/07 Saw cutting slurry has the potential to enter catch basins. Issues were not observed this week (no active work). 11/08/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/08/07 Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated. 11/08/07	Catch basins were protected.(proactively) No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford lay-down yard</p>	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 11/08/07</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. 11/08/07</p>	<p>NA</p>
	<p>The soil on the slope near sta. #1049 (vault #3) remains temporarily stabilized with hard-pack and barrier controls (since 7/25). 11/08/07</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 11/08/07</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). 11/08/07</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 11/08/07</p>	<p>The slope needs final restoration. (Contractors will be working on a future plan)</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. 11/08/07</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. 10/25-11/08/07</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. 11/08/07</p> <p>When feasible, repair sagging sections of silt fence. 10/25-11/08/07</p>	<p>NA</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. 11/08/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 11/08/07</p>	<p>NA</p>
<p>Staging Storage, and Parking Areas</p>	<p>A contractor lay-down yard is located in Milford</p>	<p>See erosion control section and spills and</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	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. 11/08/07	material storage section for more details. Contain material within established storage area and limits of the yard. 11/08/07	
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 11/08/07	Soils appear to have been handled appropriately. No active work at this time. 11/08/07	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. 11/08/07	Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 11/08/07	NA at this time
	The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 11/08/07	Coordinate final restoration plans with the landowner. See erosion control section for more details. 11/08/07	Final restoration needed.
	Vegetation is beginning to cover the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 11/08/07	Continue to monitor until exposed soils are permanently stabilized. 11/08/07	Continue to monitor.
Dewatering	Dewatering activities were not observed during this week's inspection, as there were no areas of active construction. 11/08/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 11/08/07	NA
Blasting	No blasting has been proposed. 11/08/07	None 11/08/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were	Continue to bring spill kits to active work sites.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>observed in the storage yard. 11/08/07</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 11/08/07</p>	<p>11/08/07</p> <p>Contractors stated the materials will be removed when the area is restored. 11/08/07</p>	<p>Needs attention when the yard is restored.</p>
<p>Additional Observations</p>	<p>Heavy construction equipment <u>not</u> related to the M/N project has been removed from the area near sta #1015 to #1020 (vault #1) Concrete washouts previously observed have been removed and the area has been restored. 11/08/07</p> <p>The tracking that was still evident along Caswell Street is not associated with this portion of the project but does appear to be attributable to Segment 2B work. 11/08/07</p>	<p>When feasible, it would be beneficial to apply seed/mulch to the areas where M/N erosion controls were removed. 11/08/07</p> <p>Roadway should be swept by the responsible party as necessary to reduce tracking, 10/18-11/08/07 The catch basin controls also need replacement. See Segment 2B report for more details. 11/08/07</p>	<p>Non-jurisdictional to this D&M plan. Noted for the record.</p> <p>Non-jurisdictional to this D&M plan. See the 2B report.</p>

Next likely scheduled inspection:

Thursday November 15, 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



Heavy construction equipment not related to the M/N project has been removed from the area near sta. #1015 to #1020 (vault #1). Concrete washouts previously observed have been removed and the area has been restored.



The exposed soil along the slope near sta. #1080 has re-vegetated naturally (approximately 90% coverage). A paved berm remains at the top of the slope to divert stormwater to a catch basin. Coordinate final restoration plans with 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. See the 2B report for more information.



Shelland St. laydown yard remains inactive as work has shifted to other areas of the project. Gutter buddy remains in place near the entrance to the yard. The catch basin grate was blocked by leaves and debris, which have been removed. There was no evidence of ponding.