

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 15, 2007

Inspector: Gregory Sommer

Location: East Devon Substation to the Housatonic River Crossing

Rain Event: 0.54” of precipitation was reported since the previous inspection, with 0.31” of the total recorded on 11/9 and 0.18” on 11/13. (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 has deteriorated due to activity on the overhead lines. Sediment tracking was observed along Caswell Street. 11/15/07	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. 11/15/07	Not Applicable (NA) (See 2B report for details).
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 the ROW that overlaps Segment 3. 11/15/07	None. 11/15/07	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. 11/15/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/15/07	Catch basins were protected.(proactively)
	Saw cutting slurry has the potential to enter catch basins. Issues were not observed this week (no	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it	No issues noted but needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Milford lay-down yard</p>	<p>active work). 11/15/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 11/15/07</p>	<p>as it is generated. 11/15/07</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. 11/15/07</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). 11/15/07</p>	<p>Continue to monitor the area for run-off and erosion until it is permanently stabilized. 11/15/07</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). 11/15/07</p>	<p>Continue to monitor to ensure diverted stormwater does not affect neighboring properties. See vegetative clearing section for more details. 11/15/07</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. 11/15/07</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 10/25-11/15/07</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. 11/15/07</p> <p>When feasible, repair sagging sections of silt fence. 10/25-11/15/07</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. 11/15/07</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur 11/15/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Staging, Storage, and Parking Areas	A contractor lay-down yard is located in Milford off of Shelland St. 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. 11/15/07	See erosion control section and spills and material storage section for more details. Contain material within established storage area and limits of the yard. 11/15/07	NA
Soils	During active work, soils are exposed as part of the excavation for trench, vault, and utility work. 11/15/07	Soils appear to have been handled appropriately. No active work at this time. 11/15/07	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. 11/15/07</p> <p>The exposed soil along the slope near sta. #1080 has naturally vegetated (approximately 90% coverage). 11/15/07</p> <p>Vegetation is beginning to cover the exposed soils located outside of the Milford lay-down yard. The stone berm remains in place. 11/15/07</p>	<p>Continue to monitor turf grass for viability and permanently stabilize the mulched area. See erosion control section for more details. 11/15/07</p> <p>Coordinate final restoration plans with the landowner. See erosion control section for more details. 11/15/07</p> <p>Continue to monitor until exposed soils are permanently stabilized. 11/15/07</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. 11/15/07	None. If dewatering needs to occur, ensure that it is contained appropriately and filtered as per the D&M plan. 11/15/07	NA
Blasting	No blasting has been proposed. 11/15/07	None 11/15/07	NA
Spills and Material Storage	Reserve spill cleanup materials/kits were observed in the storage	Continue to bring spill kits to active work sites. 11/15/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>yard. 11/15/07</p> <p>Material (gravel) was overtopping the established storage bins, beyond the perimeter controls of the yard. (noted since 4/25) 11/15/07</p>	<p>Contractors stated the materials will be removed when the area is restored. 11/15/07</p>	<p>Needs attention when the yard is restored.</p>
<p>Additional Observations</p>	<p>Minor ruts were noted near sta #1015 to #1020 (vault #1) following the removal of construction equipment <u>not related to the M/N project.</u> 11/15/07</p> <p>The sediment tracking previously observed along Caswell Street (and not associated with this portion of the project) appears to have been recently swept, with some minor sediment remaining along the roadway. The torn silt sack was removed from the catch basin, but not replaced. 11/15/07</p>	<p>When feasible, apply seed/mulch to the areas where M/N erosion controls were removed. 11/15/07</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. 11/15/07</p>	<p>Non-jurisdictional to this D&M plan. Noted for the record.</p> <p>Non-jurisdictional to this D&M plan.</p>

Next likely scheduled inspection: Wednesday November 21, 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



Construction equipment not related to the M/N project has been removed from the area near sta. #1015 to #1020 (vault #1) Minor ruts were observed in some areas, but generally, the area has been restored.



Sediment tracking was observed near the entrance to the right-of-way near sta. #1080. Tracking does not appear to be associated with this portion of the project. The stone construction entrance area has deteriorated and needs to be refreshed with new stone. This responsibility should be coordinated with overhead contractors.



Tracking was previously observed along Caswell Street, but did not appear to be associated with this portion of the project. The street appears to have been recently swept and only a minor amount of sediment remains along the roadway. The torn silt sack has been removed from the catch basin but was not replaced. Again, responsibility should be coordinated with overhead crews.



Shelland St. laydown yard remains inactive as work has shifted to other areas of the project.