

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 4b Underground Line

Date: September 11, 2007

Inspector: Katie Bednaz

Location: Fairfield/Westport Town Line to Westport Avenue in Norwalk

Rain Event: 1.57" of precipitation was reported since the previous inspection with all but a trace of precipitation recorded on 9/11. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within existing paved roadways at this time. 9/11/07	None. 9/11/07	NA (Not applicable)
Vault Openings and Trench Construction Westport/Norwalk	Construction/trenching activities were observed at the time of the inspection at sta. #201 to #202, #217 to #220, #267, #292 to #293, #300, #364 to #367, #382, #396 to #399, #413 to #415, and #429 to #432. 9/11/07	See Erosion and Sediment Control sections of this report for additional details. 9/11/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 9/11/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. Install controls where necessary. 9/11/07	Catch basins were protected. (Proactively)
Norwalk Norwalk lay-down yard (Being used for Segment 4c – see that report for more details)	This yard is not currently being used for Segment 4b activities and has been included in the Segment 4c report. 9/11/07	None 9/11/07. See Segment 4c Report.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	vegetation has not yet been restored. 9/11/07	additional details. 9/11/07	
Staging, Storage, and Parking Areas	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. This is being used for both 4a and 4b activities. 9/11/07	See Erosion Control section section for more detail. 9/11/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. 9/11/07	See the erosion control section for more detail. 9/11/07	NA
Soils	The uncontained sand pile was not observed in the paved parking area adjacent to Stony Brook this week. 9/11/07	None at this time. 9/11/07	The sand pile was no longer observed.
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	Minor amounts of soil have been exposed as part of the vault #7, #8, #19, and #20 construction activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or mulch. 3/15-9/11/07	Continue to stabilize the exposed soil. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 9/11/07	Continue to restore the areas.
	The area immediately adjacent to Stony Brook (sta. #217) had been grubbed in preparation for stream crossing activities (7/25). Stone wall reconstruction is complete, but final stabilization is still required. 9/11/07	Cleared trees were approved for removal in accordance with the D&M plan. Continue to monitor vegetative growth to ensure final stabilization. See the Erosion Control and Inland Wetlands sections for more details 9/11/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Vault #12 work area is temporarily stabilized with hard pack and hay mulch. Trees were removed to accommodate work. 9/11/07</p> <p>Vault #20 has controls in place to contain exposed soils. 9/11/07</p> <p>Area of exposed soil near sta. #360 was previously seeded and is approximately 60% vegetated. 9/11/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. Restore as required by the D & M Plan when feasible. 9/11/07</p> <p>Continue to monitor until fully stabilized. 9/11/07</p> <p>Continue to monitor vegetative growth to ensure final stabilization. 9/11/07</p>	<p>NA at this time</p> <p>NA at this time.</p> <p>NA at this time</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 9/11/07	Continue to appropriately contain and/or filter discharge water. 9/11/07	NA
Blasting	No blasting has been proposed. 9/11/07	None 9/11/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 9/11/07</p> <p>The fluid-filled equipment/ attachment was stored within the King's Highway lay-down yard, but outside of the designated contained location. 9/11/07</p> <p>Fluid filled equipment was being stored on exposed soils in an unprotected location this week. 9/11/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 9/11/07</p> <p>Continue to proactively store all fluid filled equipment in the designated contained locations. 9/11/07</p> <p>Designate a storage area that is contained or protected by the yard liner. 9/11/07</p>	<p>NA</p> <p>Needs regular attention</p> <p>Needs attention</p>
Additional Observations	None 9/11/07	None 9/11/07	NA

Next likely scheduled

inspection: Tuesday September 18, 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

Reviewer: Lee Curtis, BSC Group



Photograph of the restored Stony Brook. Hard pack material is in place on top of the wall to the left. Install controls between exposed soil and the Brook.



Fluid filled equipment was noted being stored on a grassed area within the Sherwood Island lay-down yard.



Photograph of the vault #23 location. Hay mulch covers the hard pack material over half of this area. Continue to monitor to ensure material does not migrate from construction area.



Trenching activities at sta. #432.