

**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 26, 2007

**Inspector:** Katie Bednaz

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

**Rain Event:** No precipitation was reported since the previous inspection. (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. 9/26/07	None. 9/26/07	NA (Not applicable)
Vault Openings and Trench Construction <b>Westport/Norwalk</b>	Construction/trenching activities were observed at the time of the inspection at sta. #103 to #106, #112, #201 to #202, #218 to #220, #266 to #268, #292 to #297, #298 to #300, #364 to #365, #398 to #400, #413 to #419, and #429 to #432. 9/26/07	See Erosion and Sediment Control sections of this report for additional details. 9/26/07	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. 9/26/07	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. 9/26/07	Catch basins were protected. (Proactively)
<b>Westport/Norwalk</b>	Although active work is not occurring here at this time, silt fence remains between the road and the brook of Imperial Ave. at	Ensure that the silt fence is in good condition if work resumes here. 9/26/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p> <p>Sherwood Island lay-down yard</p>	<p>sta. #260. 9/26/07</p> <p>Erosion controls have been installed between the hard-pack material and Stony Brook. 9/26/07</p> <p>The yard was being watered down for dust control during the inspection this week. 9/26/07</p> <p>No dust migration was observed this week as the yard was recently watered down. 9/26/07</p>	<p>Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 9/26/07</p> <p>Continue to proactively reduce the potential for dust migration. 9/26/07</p> <p>Continue to proactively reduce the potential for dust migration. 9/26/07</p>	<p>Controls have been installed to prevent sediment migration</p> <p>Dust control practices observed</p> <p>Dust control practices observed</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 9/26/07</p> <p>Construction activities appear to be complete at Stony Brook. Flow has been returned to the original channel, but vegetation has not yet been restored. 9/11-9/26/07</p>	<p>See erosion control section. 9/26/07</p> <p>Continue restoration/stabilization efforts and monitor until vegetation is fully restored. See erosion control section for additional details. 9/26/07</p>	<p>NA</p> <p>Continue restoration efforts</p>
<p>Staging, Storage, and Parking Areas</p>	<p>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. 9/26/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. 9/26/07</p>	<p>See Erosion Control section for more detail. 9/26/07</p> <p>See the Erosion Control and Spills and Material Storage sections for more detail. 9/26/07</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 9/26/07	Continue to monitor. 9/26/07	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>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. 3/15-9/26/07</p> <p>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. 9/11-9/26/07</p> <p>The tree has been removed from the parking area to the north of Stony Brook. Brush was observed in the former location of the tree. The brush does not appear to be project related. 9/26/07</p> <p>Vault #12 work area is temporarily stabilized with hard-pack and hay mulch. Trees were</p>	<p>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. 9/26/07</p> <p>Cleared trees were approved for removal in accordance with the D&amp;M plan. Continue stabilization efforts and monitor for vegetative growth. See the Erosion Control and Inland Wetlands sections for more details 9/11-9/26/07</p> <p>Verify whether or not brush is project related. 9/26/07</p> <p>Cleared trees have been approved for removal in accordance with the D&amp;M plan. Restore as</p>	<p>Continue to restore the areas.</p> <p>NA at this time</p> <p>Verify whether or not brush is project related</p> <p>NA at this time</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>removed to accommodate work. 9/26/07</p> <p>Vault #20 has controls in place to contain exposed soils. 9/26/07</p> <p>Area of exposed soil near sta. #360 was previously seeded and is approximately 70% vegetated. 9/26/07</p>	<p>required by the D &amp; M Plan when feasible. 9/26/07</p> <p>Continue to monitor until fully stabilized. 9/26/07</p> <p>Continue to monitor vegetative growth to ensure final stabilization. 9/26/07</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. 9/26/07	Continue to appropriately contain and/or filter discharge water. 9/26/07	NA
Blasting	No blasting has been proposed. 9/26/07	None 9/26/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 9/26/07</p> <p>Fluid filled equipment was not being stored on grass/soil within the Sherwood Island lay-down yard this week. Equipment was stored properly. 9/26/07</p> <p>A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 9/26/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 9/26/07</p> <p>Continue to proactively store all fluid filled equipment in the designated contained locations. 9/26/07</p> <p>Remove or attend to materials as soon as feasible. 9/26/07</p>	<p>NA</p> <p>Equipment was properly stored this week. Needs regular attention</p> <p>Needs attention when feasible</p>
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	<p>All fluid-filled equipment was appropriately stored here this week. 9/26/07</p> <p>Portable sanitary facilities were located within 50-</p>	<p>Continue to proactively store all fluid filled equipment in the designated contained locations. 9/26/07</p> <p>Recommend relocating sanitary facilities to a</p>	<p>Equipment was properly stored this week. Needs regular attention</p> <p>Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	feet of the adjacent watercourse. 9/26/07	location that is at least 100-feet from the watercourse, if feasible 9/26/07	
Additional Observations	None 9/26/07	None 9/26/07	NA

Next likely scheduled inspection: Thursday October 4, 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



Concrete footings for removed light posts remain at sta. #148.



The tree that remained within the parking area adjacent to Stony Brook has been removed. Brush has been deposited in the former location of the tree. Brush does not appear to be project related.



Both photographs were taken at sta. #217 (Stony Brook). Left: Erosion controls have been installed between hard pack and brook. Right: Soils remain exposed immediately adjacent to the brook that require stabilization.





The Sherwood Island lay-down yard (left) and the King's Highway lay-down yard (right) that have been watered down in an effort to control airborne dust migration.



Fluid filled equipment is no longer being stored on grass/soil within the Sherwood Island lay-down yard.



Portable sanitary facilities were being stored within 50-feet of the nearby watercourse.