

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 18, 2007

Inspector: Katie Bednaz

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

Rain Event: 0.13" of precipitation was reported since the previous inspection with 0.11 of precipitation recorded on 9/15. (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. 9/18/07	None. 9/18/07	NA (Not applicable)
Vault Openings and Trench Construction Westport/Norwalk	Construction/trenching activities were observed at the time of the inspection at sta. #107 to #111, #201 to #202, #218 to #220, #292 to #294, #299 to #300, #365 to #367, #397 to #398, #413 to #417, and #430 to #432. 9/18/07	See Erosion and Sediment Control sections of this report for additional details. 9/18/07	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. 9/18/07	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. 9/18/07	Catch basins were protected. (Proactively)
Westport/Norwalk	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. 9/18/07	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. 9/18/07</p> <p>The flow of Stony Brook has been restored. Hard pack is in place on the south side of the Brook. Minor sediment migration was noted this week. 9/18/07</p> <p>Erosion controls adjacent to the watercourse have been re-established. 9/18/07</p> <p>The controls at the stormwater discharge point at the yard remain in place. The tree branch has been removed and the silt fence continues to function here. 9/18/07</p> <p>Dust migration associated with vehicle traffic within the yard was observed during the inspection. 9/5 - 9/18/07</p>	<p>Continue to monitor. Erosion controls should be installed between hard pack and Brook for added protection. See Inland Wetlands section for more details. 9/11/07</p> <p>None at this time. 9/18/07</p> <p>Continue to monitor and maintain controls as necessary. 9/18/07</p> <p>Implement controls to reduce potential for airborne dust migration. 9/18/07</p>	<p>Needs attention</p> <p>Controls have been re-established</p> <p>Tree branch has been removed and controls are adequate throughout</p> <p>Needs attention</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. 9/18/07</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. 9/11-9/18/07</p>	<p>See erosion control section. 9/18/07</p> <p>Continue restoration/stabilization efforts and monitor until vegetation is fully restored. See erosion control section for additional details. 9/11-9/18/07</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. 9/18/07</p>	<p>See Erosion Control section for more detail. 9/18/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. 9/18/07	See the erosion control section for more detail. 9/18/07	NA
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 9/18/07	Continue to monitor. 9/18/07	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. 3/15-9/18/07</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. 9/11-9/18/07</p> <p>A tree removed for construction activities remains within the parking area to the north of Stony Brook. 9/18/07</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. 9/18/07</p> <p>Cleared trees were approved for removal in accordance with the D&M plan. Continue stabilization efforts and monitor for vegetative growth. See the Erosion Control and Inland Wetlands sections for more details 9/11-9/18/07</p> <p>The tree should be removed and disposed of properly, unless property owner has requested that it remain. 9/18/07</p>	<p>Continue to restore the areas.</p> <p>NA at this time</p> <p>Needs attention unless otherwise stated by property owner</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Vault #12 work area is temporarily stabilized with hard pack and hay mulch. Trees were removed to accommodate work. 9/18/07	Cleared trees have been approved for removal in accordance with the D&M plan. Restore as required by the D & M Plan when feasible. 9/18/07	NA at this time
	Vault #20 has controls in place to contain exposed soils. 9/18/07	Continue to monitor until fully stabilized. 9/18/07	NA at this time.
	Area of exposed soil near sta. #360 was previously seeded and is approximately 70% vegetated. 8/18/07	Continue to monitor vegetative growth to ensure final stabilization. 8/18/07	NA at this time.
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 9/18/07	Continue to appropriately contain and/or filter discharge water. 9/18/07	NA
Blasting	No blasting has been proposed. 9/18/07	None 9/18/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 9/18/07	Ensure that spill kits are also present with each vehicle during active construction. 9/18/07	NA
	All fluid-filled equipment was appropriately stored within the King's Highway lay-down yard this week. 9/18/07	Continue to proactively store all fluid filled equipment in the designated contained locations. 9/18/07	Equipment was properly stored this week. Needs regular attention
	Fluid filled equipment was being stored on exposed soils in an unprotected location. 9/11 – 9/18/07	Designate a storage area that is contained or protected by the yard liner. 9/18/07	Needs attention
Additional Observations	None 9/18/07	None 9/18/07	NA

Next likely scheduled
inspection:

Wednesday September 26, 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



Both photographs were taken near sta. #217 at the Stony Brook crossing. Left: Hard pack on south side of stream remains moderately stable. Signs of minor migration were noted on top of the retaining wall. Right: Tree removed for construction activities remains within the parking area to the north of Stony Brook. Remove and properly dispose of if property owner has not requested for it to remain.



Both photographs were taken within the Sherwood Island lay-down yard. Left: Down limb located near the rear of the yard was removed from the erosion controls. Erosion controls continue to function properly. Right: Fluid filled equipment was being stored on exposed soil in an uncontained/unprotected location.



Photograph of trenching activities at and adjacent to vault #25.



Photograph of erosion controls located adjacent to the watercourse within the King's Highway lay-down yard. Controls were formerly overwhelmed by materials, but have been re-established.