

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: October 4, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.13" of precipitation was reported since the previous inspection, with all of the precipitation falling on 9/27 (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. 10/04/07	None. 10/04/07	NA (Not applicable)
Vault Openings and Trench Construction Westport/Norwalk	Construction/trenching activities and/or steel road plates were observed at the time of the inspection at sta.: #100-#102, #112-#113, #116-#118, #201-#202, #265-#266, #292-#294, #296-#297, #298-#299, #335, #383, #417-#419, & #430-#432. 10/04/07	See Erosion and Sediment Control sections of this report for additional details. 10/04/07	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. 10/04/07	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. 10/04/07	Catch basins were protected. (proactively)
Westport/Norwalk	Silt fence remains between the road and the brook along Imperial Ave. at sta. #260. Active work is not occurring here at this time. 10/04/07	Ensure that the silt fence is in good condition if work here resumes. 10/04/07	NA at this time

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<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>Erosion controls (haybales) are in place between the hard-pack material and Stony Brook at sta. #217. 10/04/07</p> <p>A minor amount of sediment eroded and was visible along the curb near vault #23, which was previously covered with hard-pack and stabilized with hay mulch. 10/04/07</p> <p>No issues were observed at the yard at the time of the inspection. Perimeter controls are in place. 10/04/07</p> <p>No dust migration was observed this week as the yard was recently watered down. 10/04/07</p>	<p>Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 10/04/07</p> <p>Sweep roadway as necessary. Adjust restoration/ stabilization efforts and monitor until area is permanently stabilized. 10/04/07</p> <p>Continue to monitor and maintain controls as necessary. 10/04/07</p> <p>Continue to proactively reduce the potential for dust migration. 10/04/07</p>	<p>NA at this time</p> <p>Needs attention</p> <p>NA</p> <p>The yard surface was watered-down.</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. 10/04/07</p> <p>Construction activities appear to be complete at Stony Brook. Flow has been returned to the original channel. Area has been seeded but not mulched and vegetation has not yet been restored. 9/11/07-10/04/07</p>	<p>See erosion control section. 10/04/07</p> <p>Continue restoration/ stabilization efforts and monitor until vegetation is fully restored. See erosion control section for additional details. 10/04/07</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. 10/04/07</p> <p>A contractor lay-down yard is located within Sherwood Island State</p>	<p>See Erosion Control section for more detail. 10/04/07</p> <p>See the Erosion Control and Spills and Material Storage sections for more</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Park. Multiple controls were used to stabilize the yard. 10/04/07	detail. 10/04/07	
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 10/04/07	Continue to monitor. 10/04/07	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. 10/04/07	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 #12, #13, #19, #20, #23, and #26 construction activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or mulch. Work appears to be complete near vaults #19, #20. 3/15-10/04/07	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. Where work has been completed, seed and mulch should be applied to the topsoil for permanent stabilization. 10/04/07	Continue to restore the areas.
	The area immediately adjacent to Stony Brook (sta. #217) had been grubbed (7/25). Work has been completed, and the area has been seeded but not mulched. Final stabilization is still required. 9/26-10/04/07	Cleared trees were removed 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 10/04/07	NA
	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. 9/26-10/04/07	Verify whether or not brush is project related. 9/26-10/04/07	Verify whether or not brush is project related
	Vault #12 work area is temporarily stabilized with hard-pack and hay	Cleared trees have been approved for removal in accordance with the D&M	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>mulch. Trees were removed to accommodate work. 10/04/07</p> <p>Vault #20 has controls in place to contain exposed soils. 10/04/07</p> <p>Area of exposed soil near sta. #360 was previously seeded and is 100% vegetated. 10/04/07</p> <p>Topsoil has been spread in the area between sta. #316-318 but the area still needs to be seeded and mulched. 10/04/07</p>	<p>plan. Restore as required by the D&amp;M plan when feasible. 10/04/07</p> <p>Seed and mulch areas of exposed soil. Continue to monitor until fully stabilized. 10/04/07</p> <p>Good grass cover is present and the area can be considered restored. 10/04/07</p> <p>Continue to provide stabilization measures here. 10/04/07</p>	<p>Needs attention.</p> <p>Area is fully restored.</p> <p>Topsoil is in place. Needs seed and mulch.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 10/04/07	Continue to appropriately contain and/or filter discharge water. 10/04/07	NA
Blasting	No blasting has been proposed. 10/04/07	None 10/04/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 10/04/07</p> <p>Fluid filled equipment was being properly stored on stone areas within the Sherwood Island lay-down yard. 10/04/07</p> <p>A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/04/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 10/04/07</p> <p>Continue to proactively store all fluid filled equipment in the designated contained locations. 10/04/07</p> <p>Remove or attend to materials as soon as feasible. 10/04/07</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. 10/04/07</p> <p>Portable sanitary facilities</p>	<p>Continue to proactively store all fluid filled equipment in the designated contained locations. 10/04/07</p> <p>Continue to locate</p>	<p>Equipment was properly stored this week. Needs regular attention</p> <p>Portable sanitary</p>

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	were previously located within 50-feet of the adjacent watercourse and have been appropriately relocated. 10/04/07	sanitary facilities in an area that is at least 100-feet from the watercourse, if feasible. 10/04/07	facilities have been relocated.
<b>Additional Observations</b>	None 10/04/07	None 10/04/07	NA

Next likely scheduled inspection: Thursday October 11, 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



Both photos were taken at sta. #217 (Stony Brook). Left: Erosion controls remain between the hard-pack material and the brook. Right: Exposed soil has been seeded but mulch is recommended for stabilization.



Topsoil has been spread near sta. #316-318. Seed and mulch is still required for stabilization of exposed soils.



Area near sta. #360 has been fully stabilized and restored with good grass cover.



A minor amount of sediment from run-off was visible along the curb near sta. #838 (vault #23), which was previously covered with hard-pack and stabilized with hay mulch. Sweep roadway as necessary. Continue restoration/stabilization efforts and monitor until area is permanently stabilized.



The Sherwood Island lay-down yard was recently watered down in an effort to control airborne dust migration.



Portable sanitary facilities at the King's Highway lay-down yard were relocated away from the nearby watercourse.