

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 11, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.56" of precipitation was reported since the previous inspection, with the majority of the total falling on 10/09 and 10/10 (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. 10/11/07	None. 10/11/07	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.: #99-#101, #112, #114-#115, #118-#120, #201-#202, #206, #263, #296-#297, #298-#299, #335, #383, #419, & #431. 10/11/07	See Erosion and Sediment Control sections of this report for additional details. 10/11/07	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. 10/11/07	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. 10/11/07	Catch basins were protected. (proactively)
Westport/Norwalk	Silt fence remains between the road and the brook off Imperial Ave. at sta. #260. Active work is not occurring here at this time. 10/11/07	Ensure that the silt fence is in good condition if work here resumes. 10/11/07	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>Erosion controls are in place between the hard-pack material and Stony Brook at sta. #217. 10/11/07</p>	<p>Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 10/11/07</p>	<p>NA at this time</p>
	<p>A minor amount of sediment eroded and was visible along the curb near sta. #383 (vault #23), which was previously backfilled w/ hard-pack and stabilized with hay mulch. 10/4-10/11/07</p>	<p>Sweep roadway as necessary. Continue restoration/ stabilization efforts and monitor until area is permanently stabilized. 10/4-10/11/07</p>	<p>NA</p>
	<p>A minor amount of sediment was observed near sta. #100 (vault #6) and #200 (vault #12) in the area around the steel plates. Sediment tracking was limited to the work zone/ parking lot area. 10/11/07</p>	<p>Sweep work area, parking lots, and roadways as necessary to reduce sediment tracking. 10/11/07</p>	<p>Needs regular attention.</p>
	<p>No issues were observed at the yard at the time of the inspection. Perimeter controls are in place. Yard was becoming muddy with the rainy conditions and tracking may become an issue. 10/11/07</p>	<p>Continue to monitor and maintain controls as necessary. Sweep roadway as necessary to reduce tracking. 10/11/07</p>	<p>NA</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. 10/11/07</p> <p>Construction activities appear to be complete at Stony Brook. Flow has been returned to original</p>	<p>See erosion control section. 10/11/07</p> <p>Continue restoration/ stabilization efforts and monitor until vegetation is fully restored. See</p>	<p>NA</p> <p>Continue restoration efforts</p>

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	channel. Area has been seeded but not mulched. Vegetation has not yet been restored. 9/11-10/11/07	erosion control section for additional details. 9/11-10/11/07	
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. 10/11/07	See Erosion Control section for more detail. 10/11/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. 10/11/07	See the Erosion Control and Spills and Material Storage sections for more detail. 10/11/07	NA
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 10/11/07	Continue to monitor. 10/11/07	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. 10/11/07	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 #6, #9, #12, #13, #19, #20, #23, and #26 construction and tie-in activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or mulch. 3/15-10/11/07	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. Where work has been completed, seed and mulch should be applied to the top soil for permanent stabilization. 10/11/07	Continue to restore the areas.
	Work has been completed in the area adjacent to Stony Brook (sta. #217). The area has been seeded but not mulched (since 9/26). Contractor is working with owner to	Cleared trees were removed in accordance with the D&M plan. Implement final restoration plan once agreement is reached. See the Erosion Control and	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>reach agreement on final restoration measures. 10/11/07</p> <p>A 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. 9/26-10/11/07</p> <p>Vault #12 work area is temporarily stabilized with hard-pack and hay mulch. Trees were previously removed to accommodate work. 10/11/07</p> <p>Vault #20 has controls in place to contain exposed soils. 10/11/07</p> <p>The area at sta. #316-318 (Vault #19) was previously graded with topsoil, but vehicle traffic has caused ruts in several areas. A gully/washout was also noted. 10/11/07</p>	<p>Inland Wetlands sections for more details 10/11/07</p> <p>Verify whether or not brush is project related. 9/26-10/11/07</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. 10/11/07</p> <p>Seed and mulch areas of exposed soil. Continue to monitor until fully stabilized. 10/11/07</p> <p>Regrade the area to remove the ruts and apply seed and mulch. Promote vegetative cover to ensure final stabilization. 10/11/07</p>	<p>Needs verification.</p> <p>NA</p> <p>Needs attention.</p> <p>Needs attention.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 10/11/07	Continue to appropriately contain and/or filter discharge water. 10/11/07	NA
Blasting	No blasting has been proposed. 10/11/07	None 10/11/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 10/11/07</p> <p>Fluid filled equipment was being properly stored on stone areas within the Sherwood Island lay-down yard. 10/11/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 10/11/07</p> <p>Continue to proactively store all fluid filled equipment in the designated contained locations. 10/11/07</p>	<p>NA</p> <p>Equipment was properly stored this week. Needs regular attention</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/4-10/11/07	Remove or attend to materials when feasible. 10/4-10/11/07	Needs attention when feasible
	All fluid-filled equipment was appropriately stored within the Kings Highway lay-down yard. 10/11/07	Continue to proactively store all fluid filled equipment in the designated contained locations. 10/11/07	Equipment was properly stored this week. Needs regular attention
Additional Observations	None 10/11/07	None 10/11/07	NA

Next likely scheduled inspection: Thursday October 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Tie-in work continues near sta. #99-101 (vault #6) (left) and sta. #201-202 (vault #12) (right). Some sediment was observed near the steel plates but tracking was limited to the parking lot area.



Topsoil was previously spread near sta. #316-318 (vault #19). Vehicle traffic has caused ruts in several areas and a small gully has formed. Area needs to be regraded, seeded, and mulched.

No issues were observed at Sherwood Island lay-down yard at the time of the inspection. Yard was becoming muddy with the rainy conditions and sediment tracking may become an issue.