

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 18, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.65” of precipitation was reported since the previous inspection, with 0.60” of the total recorded on 10/11 (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. 10/18/07 Sediment tracking was an issue at the entrance to the Sherwood Island lay-down yard and sediment accumulation was evident along the roadway shoulders of Sherwood Island Connector. 10/18/07	None. 10/18/07 Sweep the roadway and the access driveway to the yard. Continue to monitor and maintain controls as necessary. 10/18/07	NA (Not applicable) Needs regular attention.
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.: #95-#97, #114-#115, #122-#125, #145, #163, #201-#202, #206-#207, #263, #299-#300, #383, & #418. 10/18/07	See Erosion and Sediment Control sections of this report for additional details. 10/18/07	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. 10/18/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering the basin. Install controls where necessary. 10/18/07	Catch basins were protected. (proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 10/18/07	Ensure that the silt fence is in good condition if work here resumes. 10/18/07	NA at this time
	Erosion controls are in place between the hard-pack material and Stony Brook at sta. #217. 10/18/07	Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 10/18/07	NA at this time
	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. 10/4-10/18/07	Sweep roadway as necessary. Continue restoration/ stabilization efforts and monitor until area is permanently stabilized. 10/4-10/18/07	NA
	A minor amount of sediment was previously observed near sta. #100 (vault #6) and #200 (vault #12) in the area around the steel plates. Area appeared to have been recently swept and tracking was not an issue. 10/18/07	Continue to sweep active work areas and adjacent areas as necessary to reduce sediment tracking. 10/11/07	Area appeared to have been recently swept.
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Perimeter controls remain in place at the yard. Dust migration may become an issue. 10/18/07	Implement dust control measures and sweep roadway as necessary. Continue to monitor and maintain controls as necessary. 10/18/07	NA
Sherwood Island lay-down yard	Saw cutting slurry was dumped near the edge of the debris pile awaiting processing. The slurry has the potential for tracking. Perimeter controls remain in place.	Saw cutting slurry should be placed in a contained area to reduce the potential to be tracked, even if it is to be mixed with the debris materials and processed as road base. 10/18/07	Needs proactive attention.
Inland Wetland and Watercourse encroachment and	The Kings Highway lay-down yard is located adjacent to potential	See erosion control section. 10/18/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	resource areas and a concrete lined waterway. 10/18/07 Construction activities appear to be complete at Stony Brook. Flow has been returned to original channel. Area has been seeded but not mulched. Vegetation has not yet been restored. 9/11-10/18/07	Continue restoration/ stabilization efforts and monitor until vegetation is fully restored. 9/11-10/18/07	Continue restoration efforts
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. 10/18/07	See Erosion Control section for more detail. 10/18/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. 10/18/07	See the Erosion Control and Spills and Material Storage sections for more detail. 10/18/07	NA
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 10/18/07	Continue to monitor. 10/18/07	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. 10/18/07	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, #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. 3/15-10/18/07	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. 10/18/07	Continue to restore the areas.
	Work has been completed in the area adjacent to Stony Brook (sta. #217).	Cleared trees were removed in accordance with the D&M plan.	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>The area has been seeded but not mulched (9/26). Contractor is working with owner to reach agreement on final restoration measures. 10/18/07</p> <p>The brush that was previously observed near the parking area to the north of Stony Brook has since been removed. (The brush did not appear to be project related.) 10/18/07</p> <p>Vault #12 work area is temporarily stabilized with hard-pack and hay mulch. Trees were previously removed to accommodate work. 10/18/07</p> <p>Silt fence is in place near vault #20, but the fence has frayed and is in need of repair. Area is approximately 75% vegetated. 10/18/07</p> <p>Two trees have been up-rooted near sta. #145 per the D&M plan. It appears that the trees may be salvaged and replanted. 10/18/07</p> <p>The area at sta. #316-318 (vault #19) was previously graded with topsoil and some ruts were noted as a result of construction activity. Hay mulch has been applied but continue to stabilize the area. 10/18/07</p>	<p>Implement final restoration plan once agreement is reached. See the Inland Wetlands section for more details 10/18/07</p> <p>None at this time. 10/18/07</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. 10/18/07</p> <p>Repair damaged sections of silt fence or remove if the remaining exposed areas are determined not to have the potential for further run-off. Vegetative cover at 75% is usually considered stable. 10/18/07</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. 10/18/07</p> <p>Continue to monitor for vegetative cover and ensure final stabilization. 10/18/07</p>	<p>Brush has been removed.</p> <p>NA</p> <p>Needs proactive attention.</p> <p>NA</p> <p>Hay mulch was applied.</p>
Dewatering	Dewatering activities were not being conducted	Continue to appropriately contain and/or filter	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	at the time of the inspection. 10/18/07	discharge water. 10/18/07	
Blasting	No blasting has been proposed. 10/18/07	None 10/18/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 10/18/07	Ensure that spill kits are also present with each vehicle during active construction. 10/18/07	NA
	Fluid filled equipment was being properly stored on stone areas within the Sherwood Island lay-down yard. 10/18/07	Continue to proactively store all fluid filled equipment in the designated contained locations. 10/18/07	Equipment was properly stored this week. Needs regular attention
	A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/4-10/18/07	Remove or attend to materials when feasible. 10/4-10/18/07	Needs attention when feasible
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Concrete slurry washout had been performed within a designated, contained stone stockpile area in the King's Highway yard. 10/18/07	Concrete washout materials should eventually be properly removed and disposed of. 10/18/07	Concrete washouts were performed in a designated area.
Additional Observations	None 10/18/07	None 10/18/07	NA

Next likely scheduled inspection:

Thursday October 25, 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



Work has been completed in the area adjacent to Stony Brook (sta. #217). Contractor is working with landowner to reach agreement on final restoration measures. It is anticipated that the lot will be re-paved this fall. Sweep as needed.



The area at sta. #316-318 (vault #19) was previously graded with topsoil, and hay mulch has been applied. Construction activity in the area had caused ruts in several areas. Continue to stabilize.



Saw cutting slurry was dumped near the edge of the debris pile awaiting processing in the Sherwood Island lay-down yard (left). The slurry should be placed in a contained area to reduce the potential for run-off or tracking. Sediment tracking was an issue at the entrance to the yard (right) and sediment accumulation was evident along the roadway shoulders of the Sherwood Island Connector.

