

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: November 8, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.44" of precipitation was reported since the previous inspection, with 0.34" of the total recorded on 11/6 (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. 11/08/07	None. See erosion control section for details on sediment tracking. 11/08/07	NA (Not applicable)
	Minor sediment tracking was observed along Sherwood Island Connector. 11/08/07	Sweep the roadway as necessary. Continue to monitor and maintain controls as necessary. 11/08/07	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.: #84-87, #96-98, #127-130, #131-132, #144-146, #198-200, & #201. 11/08/07	See Erosion and Sediment Control sections of this report for additional details. 11/08/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in most catch basins that are down-gradient of/adjacent to construction activities. 11/08/07	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. 11/08/07	Most catch basins were protected.
	A silt sack or similar controls were needed	Install controls in this location. 11/08/07	Needs attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Westport/Norwalk	near sta. #127+50. 11/08/07	Ensure that the silt fence is in good condition if work here resumes. 11/08/07	NA at this time
	Silt fence remains between the road and the brook off Imperial Ave. at sta. #260. Active work is not occurring here at this time. 11/08/07	Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 11/08/07	NA at this time
	Erosion controls are in place between the hard-pack material and Stony Brook at sta. #217. 11/08/07	Continue routine maintenance on all protected catch basins. Sweep parking lot. as necessary to remove the remaining sediment. 11/08/07	It appears that some of the sediment was removed. Needs regular attention.
	Minor sediment accumulation remains in the parking lot area near sta. #98 (vault #6) where heavy sediment accumulation was noted last week. The catch basin is protected. 11/08/07	Maintain controls and provide additional stabilization to adjacent landscaped areas and work site. 11/08/07	Needs attention to stabilize landscaped areas.
	Heavy sediment accumulation was previously observed on the roadway near sta. #146 (vault #9). Landscaped areas/ exposed soils adjacent to the work site have the potential to erode. 11/08/07	Sweep area as necessary. Continue to maintain controls and monitor the area for final stabilization. 11/08/07	Needs attention when feasible.
	Minor tracking was evident in the parking lot near sta. #334 (vault #20). Vehicles repeatedly park on the seeded areas of exposed soils. 11/08/07	Sweep the roadway to remove concrete slurry residue. Perform washouts in designated, contained areas. 11/01-11/08/07	Needs attention
	Slurry residue was evident on the roadway near sta. #81 (vault #5), but did not appear to impact the catch basin. 11/01-11/08/07	Sweep roadway as necessary. Improve restoration/ stabilization efforts and monitor until area is permanently	Needs attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	previously backfilled w/ hard-pack and stabilized with hay mulch. 11/08/07	stabilized. 11/08/07	
	Minor tracking was observed at the entrance of the yard at the time of the inspection. Perimeter controls remain in place. Dust migration was not an issue. 11/08/07	Sweep the roadway as necessary. Continue to monitor and maintain controls as necessary. 11/08/07	Needs regular attention.
	Sherwood Island lay-down yard	Bind slurry waste with processed material, push it towards the back of the bins and properly dispose. 11/08/07	Needs attention.
	Stockpile of debris material has been consolidated, the access road around the pile was restored and the surface has been refreshed with crushed stone. Perimeter controls remain in place. 11/08/07	Manage the debris material stockpile to reduce tracking and to facilitate the emptying of street sweeping equipment in a contained area. 10/25-11/01/07	Stockpile of debris material has been consolidated; crushed stone was added to the yard.
Inland Wetland and Watercourse encroachment and mitigation	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 11/08/07	See erosion control section. 11/08/07	NA
	Construction activities appear to be complete at Stony Brook. Flow has been returned to original channel. Area has been seeded but not mulched. Grass is beginning to germinate. 9/11-11/08/07	Continue restoration/stabilization efforts and monitor until vegetation is fully restored. See erosion control section for additional details. 9/11-11/08/07	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. 11/08/07	See Erosion Control section for more detail. 11/08/07	NA
	A contractor lay-down yard is located within	See the Erosion Control and Spills and Material	The contractor states equipment and

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Sherwood Island State Park. Equipment/materials are being stored outside the yard's perimeter fencing, but within the limits of the area being leased, according to the contractor. 11/08/07	Storage sections for more detail. Continue to store equipment appropriately. 11/08/07	materials are being stored appropriately within the limits of the area being leased to the contractor.
Soils	Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 11/08/07	Continue to monitor. 11/08/07	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. 11/08/07	None. 11/08/07	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 #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. 3/15-11/08/07</p> <p>Work has been completed in the area adjacent to Stony Brook (sta. #217). Area near the entrance drive has approximately 75% new grass cover. Existing parking lot has been milled in preparation for paving. 11/08/07</p> <p>Vault #12 work area is temporarily stabilized with hard-pack and hay mulch. Trees were previously removed to accommodate work. 11/08/07</p> <p>Some areas near vault #20 are approximately 75% vegetated, while</p>	<p>Continue to stabilize the exposed soil. If exposed soils are not to be worked within 21 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. 11/08/07</p> <p>Implement final restoration plan once agreement is reached with the landowner. See the Erosion Control section for more details 11/08/07</p> <p>Cleared trees have been approved for removal in accordance with the D&amp;M plan. Restore as required by the D&amp;M plan when feasible. 11/08/07</p> <p>Areas can be considered stable once it has reached 75% cover. Continue to</p>	<p>Continue to restore the areas.</p> <p>Area near the entrance drive is stable.</p> <p>NA</p> <p>Limit parking in restored areas if feasible</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>others have failed to vegetate due to vehicles parking in these area. 11/08/07</p> <p>Two trees have previously been up-rooted near sta. #145 per the D&amp;M plan. 11/08/07</p> <p>Hay mulch remains at the area of sta. #316-318 (vault #19). Ruts remain in several areas. 11/01-11/08/07</p>	<p>monitor controls in other areas to promote vegetation/ final stabilization. 11/08/07</p> <p>Cleared trees have been removed in accordance with the D&amp;M plan. Restore as required by the D&amp;M plan when feasible. 11/08/07</p> <p>Continue to monitor for vegetative cover to ensure final stabilization. Reseed or regrade as necessary. 11/01-11/08/07</p>	<p>NA</p> <p>Continue to monitor.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 11/08/07	Continue to appropriately contain and/or filter discharge water. 11/08/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yard. 11/08/07</p> <p>A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/4-11/08/07</p> <p>Equipment and materials were noted stored beyond the Sherwood Island lay-down yard's perimeter fencing, but within the limits of the area being leased, according to the contractor. 11/08/07.</p>	<p>Ensure that spill kits are also present with each vehicle during active construction. 11/08/07</p> <p>Remove or attend to materials when feasible. 10/4-11/08/07</p> <p>Continue to appropriately store all equipment within the limits of the area being leased to the contractor. 11/08/07</p>	<p>NA</p> <p>Needs attention when feasible</p> <p>NA</p>
Additional Observations	None 11/08/07	None 11/08/07	NA

**Next likely scheduled  
inspection:**

Thursday, November 15, 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



Steel plates are in place over the exposed trench near sta. #96, as tie-in work continues at vault #6. The silt sack in the catch basin has been replaced but minor sediment accumulation remains in the parking lot area.



Parking lot area near sta. #219 (vault #13) has been milled in preparation for paving.



Stockpile of debris material in the Sherwood Island lay-down yard has been consolidated, the access road around the pile was restored and the yard surface has been refreshed with crushed stone.



Slurry material was dumped near the front of the material storage bin. Push material towards the back of the bin, bind with processed material and properly dispose of the material.