

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 21, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.36" of precipitation was reported since the previous inspection, with 0.16" of the total recorded on 11/15 and 0.20" on 11/20. (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. 11/21/07 Minor sediment tracking was observed along the access road between the Sherwood Island Connector and the yard. but crews were observed sweeping during the inspection. 11/21/07	None. See erosion control section for details on sediment tracking. 11/21/07 Continue to sweep the roadway and monitor and maintain controls as necessary. 11/21/07	NA (Not applicable) Street sweeping was observed. 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, #96-98, #129-130, #131-132, #144-146, & #198. 11/21/07	See erosion and sediment control section of this report for additional details. 11/21/07	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. 11/21/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin.. 11/21/07	Most catch basins were protected.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Westport/Norwalk	A silt sack or similar controls were needed near sta. #127+50. 11/08-11/21/07	Install controls in this location. 11/08-11/21/07	Needs attention.
	Silt fence remains between the road and the brook off Imperial Ave. at sta. #260. Active work is not occurring here at this time. 11/21/07	Ensure that the silt fence is in good condition if work here resumes. 11/21/07	NA at this time
	Erosion controls are in place between the hard-pack material and Stony Brook at sta. #217. 11/21/07	Continue to monitor and maintain controls as necessary. See Inland Wetlands section for more details. 11/21/07	NA at this time
	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. 11/08-11/21/07	Maintain controls and provide additional stabilization to adjacent landscaped areas and work site. 11/08-11/21/07	Needs attention to stabilize landscaped areas.
	Vehicles continue to park on the seeded areas/ exposed soils near sta. #334 (vault #20). 11/15-11/21/07	Apply additional mulch in the area so that there is cover sufficient for the winter months. Work out the parking situation with the landowner. 11/21/07	Needs attention when feasible.
	Minor sediment tracking was observed along the shoulder near sta. #316-318. Hay mulch was previously applied to stabilize the exposed soils, but the area needs to be refreshed. 11/21/07	Sweep roadway as necessary. Apply additional mulch in the area so that there is cover sufficient for the winter months 11/21/07	Needs attention.
	A minor amount of sediment eroded near sta. #382 (vault #23), in areas where the curb has deteriorated. The area was previously backfilled w/ hard-pack and stabilized with hay mulch. 11/15-11/21/07 Hay bales placed	Sweep roadway as necessary. Improve restoration/ stabilization efforts and monitor until area is permanently stabilized. 11/15-11/21/07 Replace haybales if needed. 11/21/07	Needs attention.

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>for sediment control are also deteriorating. 11/21/07</p> <p>Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 11/21/07</p> <p>The stockpile of debris material continues to be consolidated and perimeter controls remain in place around the yard. 11/21/07</p>	<p>Continue to monitor and maintain controls as necessary. Sweep the roadway as necessary. 11/21/07</p> <p>In order to reduce tracking, continue to manage the debris material stockpile and empty the street sweeping equipment in a contained area 11/21/07</p>	<p>No issues noted but needs regular attention.</p> <p>NA at this time.</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. 11/21/07</p> <p>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. 9/11-11/21/07</p>	<p>See erosion control section. 11/21/07</p> <p>Continue restoration/stabilization efforts and monitor until vegetation is fully restored. See erosion control section for additional details. 9/11-11/21/07</p>	<p>NA</p> <p>Continue restoration efforts</p>
<p>Staging, Storage, and Parking Areas</p>	<p>A contractor lay-down yard is located within Sherwood Island State Park. 11/21/07</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. 11/21/07</p>	<p>See the erosion control and spills and material storage sections for more detail. 11/21/07</p> <p>See erosion control section for more detail. 11/21/07</p>	<p>NA</p> <p>NA</p>
<p>Soils</p>	<p>Exposed soils were noted due to excavation for trench, vault, and utility work. It appears soils are being handled properly. 11/21/07</p>	<p>Continue to monitor. 11/21/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 11/21/07	None. 11/21/07	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, #23, and #26 construction and tie-in activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or mulch. 3/15-11/21/07</p> <p>Vault #12 work area is temporarily stabilized with hard-pack and hay mulch. Trees were previously removed to accommodate work. 11/21/07</p> <p>Some areas near vault #20 are approximately 75% vegetated, while others have failed to vegetate due to vehicles parking in these area. 11/08-11/21/07</p> <p>Two trees have been removed near sta. #145 per the D&M plan. 11/21/07</p> <p>Hay mulch remains at the area of sta. #316-318 (vault #19). Ruts remain in several areas. 11/01-11/21/07</p>	<p>Continue to stabilize the exposed soil. If exposed soils are not to be worked within 21 days, they should be stabilized within 7-14 days of the last activity. Where work has been completed, sufficient mulch should be applied to the topsoil for winter stabilization and readdressed during the growing season. 11/21/07</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. 11/21/07</p> <p>Areas can be considered stable once it has reached 75% cover. See erosion control section. Work on solutions with the landowner and apply sufficient mulch for the winter. 11/21/07</p> <p>Cleared trees have been removed in accordance with the D&M plan. Restore as required by the D&M plan when feasible. 11/21/07</p> <p>Continue to monitor for vegetative cover to ensure final stabilization. Reseed or regrade as necessary. 11/01- 11/21/07</p>	<p>Continue to restore the areas.</p> <p>NA</p> <p>NA</p> <p>NA</p> <p>Continue to monitor.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 11/21/07	Appropriately contain and/or filter discharge water. When dewatering stormwater from	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
		contained, completed vaults, minimize future impacts by connecting hoses to discharge the water directly into a catch basin rather than allowing flow over exposed soils and roadways. 11/21/07	
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 11/21/07 A light post and associated concrete footings were being stored at sta. #148. Materials appear to be project related. 10/4-11/21/07	Ensure that spill kits are also present with each vehicle during active construction. 11/21/07 Remove or attend to materials when feasible. 10/4-11/21/07	NA Needs attention when feasible
Additional Observations	None 11/21/07	None 11/21/07	NA

Next likely scheduled inspection: Wednesday, November 28, 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



Minor tracking was observed near sta. #316-318. Hay mulch was previously applied over the exposed soils, but the area should be refreshed so there is a sufficient layer of cover for the winter months.



Minor tracking was observed along the access road to the Sherwood Island lay-down yard. Crews were observed sweeping the access road at the time of the inspection.



Vehicles continue to park on the seeded areas/exposed soils near sta. #334 (vault #20). Minor tracking was observed in the parking lot. Refresh with mulch cover sufficient for the winter months. Work out a parking plan with the landowner.



Minor sediment accumulation was observed along the shoulder of the roadway near sta. #381-383 (vault #23). The accumulation was heavier in areas where the curbing has deteriorated. Hay bales are providing some control, but the bales are also deteriorating.