

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: May 2, 2007

Inspector: Katie Bednaz

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

Rain Event: A total of 1.87” of precipitation was reported since the previous inspection with 1.77” recorded on 4/27/07. (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. 5/02/07	None. 5/02/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #174 to #177, #208 to #212, #278 to #280, #312 to #316, #329 to #327 (saw cutting), and #350 to #352. 5/02/07	See Erosion and Sediment Control sections of this report for additional details. 5/02/07	NA
	The sewer relocation construction activities being conducted within Imperial Ave. are complete. 5/02/07	None. 5/02/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in <u>most</u> catch basins that are down-gradient of/ adjacent to construction activities. 5/02/07	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. 5/02/07	Catch basins were protected.(Proactively) Additional attention needed in some locations.
	Although active work is not occurring here, silt fence remains between the road and the brook of	Ensure that silt fence is in good condition if work resumes here. 5/02/07	NA at this time

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Imperial Ave at sta. #260 5/02/07	Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 5/02/07	Needs regular attention.
	Sherwood Island lay-down yard	The only stormwater discharge point has been controlled well with haybale and silt fence barriers. 5/02/07	NA
	The minor sediment tracking noted from the yard's entrance in past weeks was negligible during this week's inspection. 5/02/07	Continue to maintain stone construction access pad if necessary and/or sweep sediment from roadway on a regular basis. 5/02/07	No issues noted but needs regular attention.
Inland Wetland and Watercourse encroachment and mitigation	The majority of the access road stone which had overwhelmed a section of silt fence here was removed. The area was regraded, and hydroseed (including mulch) was applied. 5/02/07	None. 5/02/07	Stone was removed and the area has been restored.
	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 5/02/07	See erosion control section. 5/02/07	NA
Staging, Storage, and Parking Areas	The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides. The majority of the yard is isolated from the nearby resource areas by an earthen berm. 5/02/07	See erosion control and spill and material storage section. 5/02/07	NA
	A contractor lay-down yard is located off of	See Erosion Control section and Spills and	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Kings Highway near the Rt. 1 rotary. This is being used for both 4a and 4b activities. 5/02/07</p> <p>A contractor lay-down yard is located off of Imperial Ave. in Westport. Stockpiles of materials remain contained to the yard at this time. 5/02/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 5/02/07</p>	<p>Material Storage section for more detail. 5/02/07</p> <p>See erosion control section. Continue to monitor piles for stability and containment. 5/02/07</p> <p>See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 5/02/07</p>	<p>NA</p> <p>NA</p>
Soils	No significant issues with tracking or soil storage were observed at this time. 5/02/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section. 5/02/07	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	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Only minor clearing of individual trees has been necessary at this time. 5/02/07</p> <p>Minor amounts of soil has been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15-5/02/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 5/02/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 5/02/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 5/02/07	None. If dewatering becomes necessary, discharge water should be appropriately contained and/or filtered. 5/02/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Blasting	No blasting has been proposed. 5/02/07	None 5/02/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 5/02/07	Ensure that spill kits are also present with each vehicle during active construction. 5/02/07	NA
King's Highway lay-down yard	Fluid filled equipment in the yard is being proactively stored on liners or similar containment. 5/02/07	Continue to monitor. Good proactive controls are being used. 5/02/07	NA
Imperial Ave lay-down yard	Fluid filled equipment was not noted within the yard. 5/02/07	If storage of fluid filled equipment within the yard is necessary, consider storing equipment on a liner or similar so that any spills are proactively contained. 5/02/07	NA
Additional Observations	None 5/02/07	None 5/02/07	NA

Next likely scheduled inspection: Thursday May 10, 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: Katie Bednaz, BSC Group

Reviewer: Diana Walden, BSC Group



Photo of Imperial Ave. near sta. #260. The area is no longer active but erosion controls remain between the roadway and the creek for future work.



Trench from sta. #312 to #316 is covered with plates, connecting to vault #19.



Photo of the entrance to the Sherwood Island lay-down yard. No obvious sediment tracking was noted.



The majority of stone was removed, regraded, and hydroseeded (and mulched) along the edge of the access road to the Sherwood Island lay-down yard.