

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: June 6, 2007 (evening inspection)

Inspector: Katie Bednaz

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

Rain Event: 2.37” of precipitation was reported since the previous inspection, with 1.49” recorded on 6/4. (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. 6/6/07	None. 6/6/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #277 to #279, #311 to #314, #316 to #318, #332 to #339, #348 to #351, and at #362 to #365. 6/6/07	See Erosion and Sediment Control sections of this report for additional details. 6/6/07	NA
	Construction activities were initiated at vault #7 and #9. 6/6/07	See Erosion and Sediment Control sections of this report for additional details. 6/6/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 6/6/07	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. 6/6/07	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 Imperial Ave at sta. #260	Ensure that silt fence is in good condition if work resumes here. 6/6/07	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	6/6/07 Although active work is not occurring here, erosion controls remain in place at Vault #13 to protect Stoney Brook. 6/6/07	Ensure that controls are in good condition when work resumes here. 6/6/07	NA at this time.
Norwalk	A portion of the silt fence was observed to be slumping at vault #5 (noted since 5/31). Heavy rain has caused a small gully to form. 6/6/07	Re-establish the erosion controls and stabilize the washout area and exposed soil. 6/6/07	Needs attention
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Perimeter erosion controls remain in place at the yard. 6/6/07	Continue to monitor and maintain the perimeter silt fence as necessary. 6/6/07	NA
Sherwood Island lay-down yard	The overwhelmed portion of the silt fence at the stormwater discharge point at the yard (noted 5/31), has been appropriately repaired. 6/6/07	Continue to monitor and maintain the controls as necessary. 6/6/07	Erosion controls have been repaired.
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. 6/6/07 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. 6/6/07	See erosion control section. 6/6/07 See soil and staging, storage, and parking area sections. 6/6/07	NA NA
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. 6/6/07	See Erosion Control section and Spills and Material Storage section for more detail. 6/6/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>A contractor lay-down yard located off of Imperial Ave. in Westport is being demobilized. The majority of materials have been removed from the yard and no evidence of soil migration was observed. The yard has been swept. 6/6/07</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. 6/6/07</p>	<p>The yard has been swept. Continue to restore the area to pre-storage conditions. 6/6/07</p> <p>See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 6/6/07</p>	<p>NA</p> <p>NA</p>
Soils	<p>No significant issues with tracking or soil storage were observed at this time. 6/6/07</p> <p>Crews were watering down soils in the Sherwood Island yard to prevent airborne dust migration. 6/6/07</p>	<p>Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section. 6/6/07</p> <p>Continue to provide best management practices. 6/6/07</p>	<p>NA</p> <p>Crews were proactively controlling dust.</p>
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. 6/6/07</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. 3/15-6/6/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 6/6/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 6/6/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering activities were being conducted near sta. #332, #348 and at #358 at the time of the inspection. 6/6/07	When dewatering is necessary, discharge water should be appropriately contained and/or filtered. 6/6/07	NA
Blasting	No blasting has been proposed. 6/6/07	None 6/6/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 6/6/07	Ensure that spill kits are also present with each vehicle during active construction. 6/6/07	NA
	Dried concrete washout or slurry remains in an uncontained location in the yard. 5/10-6/6/07	Properly dispose of the observed material and provide containment for future washouts. 5/10-6/6/07	Needs attention
Imperial Ave lay-down yard	Materials, including the storage bins have been removed from the yard (starting 5/31). 6/6/07	Continue to restore pre-construction conditions. 6/6/07	NA
Additional Observations	None 6/6/07	None 6/6/07	NA

Next likely scheduled inspection: Wednesday June 13, 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



Both photographs are of the trenching location/activities at sta. #311 to #318. All catch basins were protected, no issues were observed.



Both photographs are of the Sherwood Island lay-down yard. Left: Erosion controls have been re-established where necessary. Right: During BSC's inspection, a truck was observed watering down yard to prevent airborne dust migration.