

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 31, 2007

Inspector: Katie Bednaz

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

Rain Event: No precipitation was reported since the previous inspection.
(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. 5/31/07	None. 5/31/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #277 to #279, #311 to #314, at #318, #331 to #337, #350 to #352, #357 to #360 and at #364 to #366. 5/31/07	See Erosion and Sediment Control sections of this report for additional details. 5/31/07	NA
	Construction activities were complete at vault #5 and #6. 5/31/07	See Erosion and Sediment Control sections of this report for additional details. 5/31/07	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. 5/31/07	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. 5/31/07	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 5/31/07	Ensure that silt fence is in good condition if work resumes here. 5/31/07	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Norwalk	<p>Although active work is not occurring here, erosion controls remain in place at Vault #13 to protect Stoney Brook. 5/31/07</p>	<p>Ensure that controls are in good condition when work resumes here. 5/31/07</p>	<p>NA at this time.</p>
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	<p>Soils at vault #5 were stabilized with hard pack and hay mulch. A portion of the adjacent silt fence here was slumping. 5/31/07</p>	<p>Re-establish the compromised section of the erosion controls. 5/31/07</p>	<p>Soil was temporarily stabilized but controls need some attention</p>
Sherwood Island lay-down yard	<p>The entire portion of silt fence that was compromised by materials has been re-established, including the small remaining section. 5/31/07</p>	<p>Continue to monitor and maintain the perimeter silt fence as necessary. 5/31/07</p>	<p>Silt fence has been fully re-established.</p>
Imperial Ave lay-down yard	<p>A portion of the silt fence protecting the one stormwater discharge point has been overwhelmed. There is no evidence that sediment has migrated from the outlet at this time. 5/31/07</p>	<p>Re-establish the compromised erosion controls. 5/31/07</p>	<p>Needs attention</p>
Imperial Ave lay-down yard	<p>Most of the materials stored in the yard have been removed as the area is being demobilized. 5/31/07</p>	<p>See the staging and storage areas section for more information. 5/31/07</p>	<p>NA</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 5/31/07</p>	<p>See erosion control section. 5/31/07</p>	<p>NA</p>
	<p>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</p>	<p>See soil and staging, storage, and parking area sections. The yard is being demobilized. 5/31/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	an earthen berm. 5/31/07		
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. 5/31/07	See Erosion Control section and Spills and Material Storage section for more detail. 5/31/07	NA
	A contractor lay-down yard located off of Imperial Ave. in Westport is being demobilized. The majority of materials have been removed, and no evidence of soil migration was observed beyond the perimeter of the yard. 5/31/07	Sweep the remaining soil from the pavement within yard when feasible. Continue to restore the area to pre-storage conditions. 5/31/07	Materials have been removed from the yard.
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 5/31/07	See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 5/31/07	NA
Soils	No significant issues with tracking or soil storage were observed at this time. 5/31/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section. 5/31/07	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	Only minor clearing of individual trees has been necessary at this time. 5/31/07	Cleared trees have been approved for removal in accordance with the D&M plan. 5/31/07	NA
	Minor amounts of soil had been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15-5/31/07	Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 5/31/07	Needs attention when feasible.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 5/31/07	None. If dewatering becomes necessary, discharge water should be appropriately contained and/or filtered 5/31/07	NA
Blasting	No blasting has been proposed. 5/31/07	None 5/31/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 5/31/07	Ensure that spill kits are also present with each vehicle during active construction. 5/31/07	NA
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Dried concrete washout or slurry remains in an uncontained location in the yard. 5/10-5/31/07	Properly dispose of the observed material and provide containment for future washouts. 5/10-5/31/07	Needs attention
Imperial Ave lay-down yard	Materials, including the storage bins have been removed from the yard. 5/31/07	Continue to restore pre-construction conditions. 5/22/07	Materials have been removed from the yard.
Additional Observations	None 5/31/07	None 5/31/07	NA

Next likely scheduled inspection: Wednesday June 6, 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



Most of the stored items within the Imperial Ave. lay-down yard have been removed as the yard is being demobilized.



Photo of the vault #5 area. The surface has been top-dressed with a hard pack material and hay mulch. A small portion of the silt fence is slumping and should be re-established.



A portion of the controls within the Sherwood Ave. lay-down yard have been overwhelmed. The controls should be re-established



Photo of trenching activities at sta. #365.