

**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 13, 2007

Inspector: Katie Bednaz

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

Rain Event: 1.06” of precipitation was reported since the previous inspection, with 0.91” of the total recorded between 6/11 and 6/12. (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. 6/13/07  Minor sediment tracking was observed from the Sherwood Island lay-down yard at the time of inspection. However, the access drive to the yard is paved, reducing tracking to the main road. 6/13/07	None. 6/13/07  Continue to reduce tracking from the yard and sweep the access drive when feasible 6/13/07	NA (Not applicable)  Needs regular attention but tracking is not currently a problem on public roads.
Vault Openings and Trench Construction Westport/Norwalk	Construction trenching activities were active at sta. #170 to #171, #206 to #209, #277 to #279, #311 to #313, #316 to #318, #332 to #334, #336 to #338, #348 to #350, and at #359 to #363. 6/13/07  Construction activities were completed at vault #7 and #9, and initiated at vault #17. 6/13/07	See Erosion and Sediment Control sections of this report for additional details. 6/13/07  See Erosion and Sediment Control sections of this report for additional details. 6/13/07	NA  NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in catch basins that are down-	Continue to place a gutter buddy (or similar) in any catch basins with a	Catch basins were protected.(Proactively) Additional attention

Areas of Inspection	Observation	Recommended Action	Corrected Action
Norwalk	gradient of/adjacent to construction activities. 6/13/07	curb/gutter drop inlet to prevent sediment from entering basin. Install controls where necessary. 6/13/07	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 6/13/07	Ensure that silt fence is in good condition if work resumes here. 6/13/07	NA at this time.
	Although active work is not occurring here, erosion controls remain in place at Vault #13 to protect Stoney Brook. 6/13/07	Ensure that controls are in good condition when work resumes here. 6/13/07	NA at this time.
	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. 6/6-6/13/07	Re-establish the erosion controls and stabilize the washout area. 6/6-6/13/07	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. 6/13/07	Continue to monitor and maintain the perimeter silt fence as necessary. 6/13/07
Sherwood Island lay-down yard	The controls at the stormwater discharge point at the yard remain in place. 6/13/07	Continue to monitor and maintain the controls as necessary. 6/13/07	NA
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. 6/13/07	See erosion control section. 6/13/07	NA
	The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides but the yard is largely demobilized. 6/13/07	See soil and staging, storage, and parking area sections. 6/13/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 6/13/07	See Erosion Control section and Spills and Material Storage section for more detail. 6/13/07	NA
	The contractor lay-down yard located off Imperial Ave. in Westport has been demobilized. Pre-existing pavement was swept clean. A trailer, and a portajohn remain. 6/13/07	When the area is fully demobilized and stable, erosion controls can be removed if work will not return. 6/13/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 6/13/07	See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 6/13/07	NA
Soils	No significant issues with soil storage were observed at this time. 6/13/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 6/13/07	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. 6/13/07	Cleared trees have been approved for removal in accordance with the D&M plan. 6/13/07	NA
	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. 3/15-6/13/07	Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 6/13/07	Needs attention when active construction is complete.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 6/13/07	When dewatering is necessary, discharge water should be appropriately contained and/or filtered. 6/13/07	NA
Blasting	No blasting has been proposed. 6/13/07	None 6/13/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 6/13/07	Ensure that spill kits are also present with each vehicle during active construction. 6/13/07	NA
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Dried concrete washout or slurry was noted in an uncontained location in the yard since 5/10 but the majority has now been removed, while some remains under stored materials. 6/13/07	Continue to properly dispose of the observed material and provide containment for future washouts. 6/13/07	A majority of the slurry was removed.
Imperial Ave lay-down yard	A portajohn and trailer are the only remaining items in the yard.6/13/07	See storage yard section. 6/13/07	NA
Additional Observations	None 6/13/07	None 6/13/07	NA

Next likely scheduled inspection: Thursday June 21, 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 the gully/washout that has formed over vault #5. The compromised section of fence is located just to the left of the photo view.



Current condition of the demobilized Imperial Ave. lay-down yard. All that remains is a Sani-can, a construction trailer, and erosion controls.



Some tracking was noted from the Sherwood Island lay-down yard. However, the entire access way has been paved, aiding in reducing tracking to the main roadway.



Catch basins located adjacent to sta. #334 were protected with silt sacks.