

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: April 19, 2007

Inspector: Katie Bednaz

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

Rain Event: Total of 3.57" of precipitation was reported since the previous inspection with 3.02" of the total recorded on 4/15. (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. 4/19/07	None. 4/19/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #187 to #188, #204 to #206, #278 to #279, #269 to #271, #315 to #317, #372 to #374. 4/19/07	See Erosion and Sediment Control sections of this report for additional details. 4/19/07	NA
	Construction activities continue at vault #22. 4/19/07	None. 4/19/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in most catch basins that are down-gradient of/adjacent to construction activities. 4/19/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering the basin. Install controls where necessary. 4/19/07	Catch basins were protected.(Proactively) Additional attention needed in some locations.
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Airborne dust migration was not noted within the Kings Highway lay-down yard at the time of inspection, but has been	Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil	Needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Sherwood Island lay-down yard	noted during past inspections. 4/19/07	Erosion and Sediment Control. 4/19/07	The compromised controls have been re-established. Needs minor repair.
	The portion of silt fence that was compromised by the pile of construction materials last week has been re-established. 4/19/07	Continue to monitor and maintain the controls here. Avoid placing materials where they will stress the silt fence 4/19/07	
Inland Wetland and Watercourse encroachment and mitigation	The only stormwater discharge point has been adequately controlled with haybale and silt fence barriers. However, one corner of a section of silt fence was in disrepair. 4/3-4/19/07	Re-establish the silt fence check dam and reinforce if necessary. 4/3 – 4/19/07	
	The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 4/19/07	See erosion control section 4/19/07	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. 4/19/07	See erosion control and spill and material storage section. 4/19/07	NA
	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. 4/19/07	See Erosion Control section and Spills and Material Storage section for more detail. 4/19/07	NA
	A contractor lay-down yard is located off of Imperial Ave. in Westport. Stockpiles of materials remain contained to the yard at this time. 4/19/07	See erosion control section. Continue to monitor piles for stability and containment. 4/19/07	NA
	A contractor lay-down	See Erosion Control	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 4/19/07	section for more details. Continue to monitor the one stormwater discharge point. 4/19/07	
Soils	No issues with tracking or soil storage were observed at this time. 4/19/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section 4/19/07	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. 4/19/07 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. 3/15-4/19/07	Cleared trees have been approved for removal in accordance with the D&M plan. 4/19/07 Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15-4/19/07	NA Needs attention when active construction is complete.
Dewatering	Dewatering activities were not observed at the time of the inspection. 4/19/07	Continue to contain or filter discharge water appropriately. 4/19/07	NA
Blasting	No blasting has been proposed. 4/19/07	None 4/19/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 4/19/07	Ensure that spill kits are also present with each vehicle during active construction. 4/19/07	NA
King's Highway lay-down yard	Fluid filled equipment in the yard is being proactively stored on liners or similar containment. 4/19/07	Continue to monitor. Good proactive controls are being used even though leaks were not observed. 4/19/07	NA
Imperial Ave lay-down	Although leaks were not	Consider storing fluid	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
yard	an issue at this time, fluid filled equipment was being stored in the yard without containment. 4/19/07	filled equipment on a liner or similar so that any spills are proactively contained. 4/19/07	
Sherwood Island lay-down yard	The fluid filled equipment previously observed being stored on a grassed area was no longer noted in the yard. 4/19/07	Consider storing fluid filled equipment on a liner or similar so that any spills are proactively contained. 4/19/07	The equipment is no longer in the yard
Additional Observations	None 4/19/07	None 4/19/07	NA

Next likely scheduled inspection: Thursday April 25, 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 photos show the Imperial Ave. lay-down yard.

Left: General overview of yard. Right: Fluid filled equipment is being stored without containment. While leaks or spills were not observed at this time, consider storing such equipment on a liner or similar containment as a proactive measure.



Fluid filled equipment is being adequately and proactively contained within the King's Highway lay-down yard.