

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: March 15, 2007

Inspector: Katie Bednaz

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

Rain Event: Total of 0.34” of precipitation was reported since the previous inspection with 0.26” of the total recorded on 3/11. (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. 3/15/07	None. 3/15/07	NA (Not applicable)
	Accumulated sediment was observed along the gutter of Imperial Ave. while the remainder of the roadway was free of sediment. 3/15/07	Sweep accumulated sediment from the roadway gutter. Remove by hand if street sweepers cannot reach it. 3/15/07	Needs regular attention
Vault Openings and Trench Construction Westport	Active trench and restoration work was noted near station 260+00 (within close proximity to Dead Man’s Creek) along Imperial Ave. 3/15/07	See erosion and sediment control sections of this report for additional details. Attention is needed here. 3/15/07	NA
	Construction activities were noted at Vault #19. 3/15/07	See vegetative clearing section of this report for additional details. 3/15/07	NA
	The Vault #23 location was being prepared for construction, including tree clearing, staking, and marking. 3/15/07	See vegetative clearing section of this report for additional details. 3/15/07	NA
	Saw-cutting activities	See erosion and sediment	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>was not observed during this week's inspection, but was noted during previous inspections. 3/15/07</p> <p>The portion of the perimeter controls that were overwhelmed by the material stockpile last week have been repaired. 3/15/07</p>	<p>necessary by implementing the dust control recommendations within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 3/15/07</p> <p>Continue to monitor and maintain perimeter controls to protect nearby resource areas. 3/15/07</p>	<p>week but needs regular attention.</p> <p>Erosion controls have been re-established.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 3/15/07</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 an earthen berm. 3/15/07</p>	<p>See erosion control section. 3/15/07</p> <p>See erosion control section. 3/15/07</p>	<p>NA</p> <p>NA</p>
<p>Staging, Storage, and Parking Areas</p>	<p>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. 3/15/07</p> <p>A contractor lay-down yard is located off of Imperial Ave. in Westport. 3/15/07</p> <p>Stockpiles were noted in the lay-down yard off Imperial Ave. Soil remains contained to the yard at this time. 3/15/07</p>	<p>See erosion control section. 3/15/07</p> <p>See erosion control section. 3/15/07</p> <p>Continue to monitor for future stability and install controls as needed. 3/15/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>Soils</p>	<p>No issues with tracking or soil storage were observed at this time. 3/15/07</p>	<p>Continue to restore exposed soils when feasible and mitigate for dust as necessary. See</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
		erosion control section 3/15/07	
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	Five (5) trees approximately 14" in diameter were removed in preparation for the Vault #23 construction. 3/15/07 Some soil has been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15/07	Cleared trees have been approved for removal according to the D&M plan. 3/15/07 Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15/07	NA Needs attention when active construction is complete.
Dewatering	Dewatering activities were not being conducted at the time of our inspection. 3/15/07	None. 3/15/07	NA
Blasting	No blasting has been proposed. 3/15/07	None 3/15/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 3/15/07	Ensure that spill kits are also present with each vehicle during active construction. 3/15/07	NA
Additional Observations	None 3/15/07	None 3/15/07	NA

Next likely scheduled inspection:

Thursday March 22, 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 and Greg Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Materials are being stockpiled within the Imperial Ave. lay-down yard. Piles are contained within the yard at this time. Continue to monitor for stability if they are to remain.



Sediment has accumulated in the gutter of the roadway near an area of active work on Imperial Ave. Sediment should be removed (swept by hand if necessary) and properly disposed of.



Both photos show trenching along Imperial Ave. immediately adjacent to the Dead Man's Creek (approximately station #260+00). Material/sediment from the trenching activities is falling down the bank towards the creek. Erosion controls should be installed along the slope to contain sediment and protect the resource area. Attempt to carefully remove materials that have migrated.





View of Vault #19 following installation. Any remaining exposed soils should be temporarily stabilized upon completion of construction activities



The location for Vault #23 was being prepared for construction. This included removing five trees approximately 14" inches in diameter, and staking the construction area.



Both photos show saw cutting activities within Rt.1 between S. Maple Ave. and George St. A portion of the saw cutting route has been swept (photo on left), and a portion has not been swept (photo on right). The remaining slurry has migrated into a traffic area, resulting in extensive tracking. Slurry from saw cutting should be followed immediately with a sweeper as it is produced.