

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 22, 2007

Inspector: Gregory Sommer

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

Rain Event: Total of 1.35" of precipitation was reported since the previous inspection with 0.92" of the total recorded on 3/16. (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. 3/22/07	None. 3/22/07	NA (Not applicable)
	Accumulated sediment was previously observed along the gutter of Imperial Ave. The roadway appears to have been swept and only minor sediment remained. 3/22/07	Continue to provide regular attention and sweep roadways, including the gutter as necessary. 3/22/07	Roadway appears to have been swept and only minor sediment remained.
Vault Openings and Trench Construction Westport	The trenchwork conducted along Imperial Ave. within close proximity to Dead Man's Creek was being restored. 3/22/07	See erosion and sediment control sections of this report for additional details. 3/22/07	NA
	Construction trenching activities continue near sta. #228. Steel cover plates were installed at the time of inspection. 3/22/07	See erosion and sediment control sections of this report for additional details. 3/22/07	NA
	Construction activities continue at Vault #19; the disturbed area is currently stable. 3/22/07	See vegetative clearing section of this report for additional details. 3/22/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>The Vault #23 location was being prepared for construction, including tree clearing, staking, and marking. 3/15-3/22/07</p>	<p>See vegetative clearing section of this report for additional details. 3/15-22/07</p>	<p>NA</p>
<p>Erosion and Sediment Controls Westport</p>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. Additional attention is needed near sta. #228 and #402. 3/22/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Dry slurry/dust was visible along the roadway near sta. #228. 3/22/07</p> <p>Trenching activities along Imperial Ave. are immediately adjacent to Dead Man's Creek. During the previous weeks inspection, a small amount of soil from the trenchwork had slumped over the bank, towards the creek. Haybales and silt fence have now been installed along the slope. 3/22/07</p> <p>The dried slurry and tracking resulting from saw cutting that was observed along Rt. 1 between S. Maple and George St. last week was no longer noted. 3/22/07</p>	<p>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin.3/22/07</p> <p>Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 3/22/07</p> <p>Continue to monitor and adjust these controls as needed while work or exposed soil remain adjacent to the creek. 3/22/07</p> <p>Continue to sweep slurry to prevent migration and tracking. Attend to slurry with a sweeper immediately after it is generated. 3/15/07</p> <p>None. 3/22/07</p> <p>Prevent dust migration by implementing the dust control specifications</p>	<p>Catch basins were protected.(Proactively) Additional attention needed in some locations.</p> <p>Needs attention</p> <p>Haybales and silt fence have been installed to prevent sediment from entering the adjacent creek.</p> <p>Slurry was no longer noted in this area.</p> <p>Concrete washout basin has been removed.</p> <p>Needs regular attention.</p>
<p>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p>	<p>The concrete wash-out basin materials have been removed from the site. 3/22/07</p> <p>Airborne dust migration was not noted within the Kings Highway lay-down</p>	<p>None. 3/22/07</p> <p>Prevent dust migration by implementing the dust control specifications</p>	<p>Concrete washout basin has been removed.</p> <p>Needs regular attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yard at the time of inspection, but has been noted during past inspections. 3/22/07	within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 3/22/07	
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. 3/22/07  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. 3/22/07	See erosion control section. 3/22/07  See erosion control section. 3/22/07	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. 3/22/07  A contractor lay-down yard is located off of Imperial Ave. in Westport. 3/22/07  Stockpiles of materials remain in the lay-down yard off Imperial Ave. Piles remain contained to the yard at this time. 3/22/07	See erosion control section. 3/22/07  See erosion control section. 3/22/07  Continue to monitor piles for stability and containment. 3/22/07	NA  NA  NA
Soils	No issues with tracking or soil storage were observed at this time. 3/22/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section 3/22/07	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

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. A tree was removed in preparation for work on vault #17. 3/22/07</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. 3/15-22/07</p>	<p>Cleared trees have been approved for removal according to the D&amp;M plan. 3/22/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15-3/22/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p>
Dewatering	Dewatering activities were not being conducted at the time of our inspection. 3/22/07	None. 3/22/07	NA
Blasting	No blasting has been proposed. 3/22/07	None 3/22/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 3/22/07	Ensure that spill kits are also present with each vehicle during active construction. 3/22/07	NA
Additional Observations	None 3/22/07	None 3/22/07	NA

Next likely scheduled inspection: Tuesday March 27, 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Both photos show trenching along Imperial Ave. immediately adjacent to Dead Man's Creek (approximately station #260+00). Silt fence and haybales have been installed along the edge of the bank to prevent sediment from entering the resource area.



Materials are being stockpiled within the Imperial Ave. lay-down yard. Continue to monitor piles to ensure stability and that they stay contained to the yard if they are to remain.



A tree has been removed in preparation for the installation of vault #17.