

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 17, 2007

Inspector: Katie Bednaz

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

Rain Event: A total of 0.69" of precipitation was reported since the previous inspection with 0.53" recorded on 5/16. (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. 5/17/07	None. 5/17/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were active at sta. #181 to #183, #215 to #216, #277 to #278, #280 to #281, #312 to #314, #330 to #331, #357 to #359, and at #352. 5/17/07	See Erosion and Sediment Control sections of this report for additional details. 5/17/07	NA
	Construction activities are complete at vault #13. The area was repaved. 5/17/07	None. The area was repaved. 5/17/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in <u>most</u> catch basins that are down-gradient of/adjacent to construction activities. 5/17/07	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. 5/17/07	Catch basins were protected.(Proactively) Additional attention needed in some locations.
	Although active work is not occurring here, silt fence remains between	Ensure that silt fence is in good condition if work resumes here. 5/17/07	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p> <p>Sherwood Island lay-down yard</p> <p>Imperial Ave lay-down yard</p>	<p>the road and the brook of Imperial Ave at sta. #260 5/17/07</p>		
	<p>Although active work is not occurring here, erosion controls remain in place at Vault #13 to protect Stoney Brook. 5/17/07</p>	<p>Ensure that controls are in good condition when work resumes here. 5/17/07</p>	<p>NA at this time.</p>
	<p>Dried concrete washout or slurry remains in an uncontained location. 5/10 – 5/17/07</p>	<p>Properly dispose of the observed material and provide containment for future washouts. 5/10-5/17/07</p>	<p>Needs attention</p>
	<p>Silt fence has been overwhelmed by soil/materials in one location along the perimeter of the yard. 5/10 – 5/17/07</p>	<p>Pull the material back into the yard and repair the compromised erosion controls. (This is not the side adjacent to resource areas). 5/10-5/17/07</p>	<p>Needs attention</p>
	<p>The only stormwater discharge point remains controlled well with haybale and silt fence barriers. 5/17/07</p>	<p>Continue to monitor the controls and reinforce or adjust as necessary. 5/17/07</p>	<p>NA</p>
	<p>Sediment accumulation/drainage patterns were observed in the yard from a small soil pile in a direction towards the adjacent resource area. No sediment was observed beyond the limits of the erosion controls. 5/10-5/17/07</p>	<p>Soil pile could be proactively removed or relocated to a contained location to prevent migration towards the adjacent resource area. 5/10-5/17/07</p>	<p>No issues noted but proactive attention could be provided.</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. 5/17/07</p>	<p>See erosion control section. 5/17/07</p>	<p>NA</p>
	<p>The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern</p>	<p>See soil section. 5/17/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	sides. The majority of the yard is isolated from the nearby resource areas by an earthen berm. 5/17/07		
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. 5/17/07	See Erosion Control section and Spills and Material Storage section for more detail. 5/17/07	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 but were overflowing beyond the storage bins. 5/17/07	See soil section. Continue to monitor piles for stability and containment. 5/17/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 5/17/07	See Erosion Control section for more details. Continue to monitor the one stormwater discharge point. 5/17/07	NA
Soils	No significant issues with tracking or soil storage were observed at this time. 5/17/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section. 5/17/07	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. 5/17/07	Cleared trees have been approved for removal in accordance with the D&M plan. 5/17/07	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. 3/15-5/17/07	Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 5/17/07	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. 5/17/07	None. If dewatering becomes necessary, discharge water should be appropriately contained and/or filtered. 5/17/07	NA
Blasting	No blasting has been proposed. 5/17/07	None 5/17/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 5/17/07	Ensure that spill kits are also present with each vehicle during active construction. 5/17/07	NA
King's Highway lay-down yard	Fluid filled equipment in the yard is being proactively stored on liners or similar containment. 5/17/07	Continue to monitor. Good proactive controls are being used. 5/17/07	NA
Imperial Ave lay-down yard	Fluid filled equipment was not noted within the yard. 5/17/07	If storage of fluid filled equipment within the yard is necessary, consider storing equipment on a liner or similar so that any spills are proactively contained. 5/17/07	NA
	Stone being stored within jersey barriers has spilled beyond the containment bins but materials remain contained within the yard's boundary. 5/10-5/17/07	Attempt to contain all materials within their designated areas. 5/10-5/17/07	Needs proactive attention when feasible.
Additional Observations	None 5/17/07	None 5/17/07	NA

Next likely scheduled inspection: Tuesday May 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, BSC Group

Reviewer: Diana Walden, BSC Group



Photo of vault #13 where construction is complete and the area was repaved. Erosion controls remain in place for future trenching activities in the area.



Photo of storage materials that have overflowed their containment bins, and of the drainage path of migrating sediment within the Imperial Ave. lay-down yard. Sediment and materials still remain within the perimeter of the yard.



Both photos were taken within the King's Highway lay-down yard. Left: Accumulated slurry remains adjacent to the disposal soil pile. Right: Material is still overwhelming the silt fence perimeter control within the yard. Pull the soil back and restore the controls. However, resource areas are not located adjacent to this area.