

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 4a Underground Line

Date: July 5, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.73" of precipitation was reported since the previous inspection, with the entire total recorded on 7/4. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within or adjacent to existing paved roadways at this time. 7/5/07 Pequot Ave. was slightly dusty as a result of utility relocation. 7/5/07	See erosion control section. 7/5/07 Sweep roadways on a regular basis and as needed. 7/5/07	Not Applicable (NA) Needs regular attention.
Vault Openings and Trench Construction Bridgeport	Construction trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #682 to #683, and #698 to #699. 7/5/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 7/5/07	Catch basins are protected (proactively)
Fairfield	Construction trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #551, #581 to #583, #596 to #599. Construction is also active at vaults #33, #36, and #37. 7/5/07 Crews were excavating and relocating utilities along Pequot Ave. during the inspection. All catch basins	Continue to monitor and be proactive. See erosion and sediment control and dewatering sections. 7/5/07 Continue to monitor and sweep roads as needed. See access road section. 7/5/07	Catch basins are protected (proactively) Catch basins are protected (proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
	were adequately protected within the project area. 7/5/07		
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent to the construction activities. 7/5/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 7/5/07	Catch basins were protected. (Proactively)
Fairfield	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 7/5/07	Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 7/5/07	Needs regular attention.
Bridgeport	Exposed soil near sta. #612 has been graded and topsoil was applied (noted 6/29). The area is awaiting seed and mulch. Silt fence remains in place. 6/29 – 7/5/07	Stabilize slope as soon as feasible to prevent erosion. 6/29-7/5/07	Needs attention when feasible.
	Slurry from saw cutting activities has the potential to enter catch basins. The minor amounts of dried slurry/dust from saw cutting activities along the roadway between sta. #675 to #680 were no longer observed. 7/5/07	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 6/29/07	Slurry was not an issue this week. needs regular attention
	Sediment tracking is regularly observed at the Railroad and Myrtle Ave. intersection and catch basins in the area are overwhelmed by continued accumulation. Sediment is originating from a stockpile yard identified as being associated with the Glenbrook Cable project. This is not covered under this D&M plan.	Noted for the record since contractors stated the sediment is not related to this project. 7/5/07	NA

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Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Significant tracking was noted this week; catch basins remain overwhelmed. 7/5/07 Perimeter erosion controls remain in place at the yard. 6/29/07	Continue to monitor and maintain the perimeter silt fence as necessary. 6/29/07	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. 7/5/07	See erosion control section. 7/5/07	NA
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and parking. Reserve spill kits are located near the equipment trailers. 7/5/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 7/5/07	NA
	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located near the equipment trailers. 7/5/07	See erosion control section. 7/5/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 7/5/07	Most areas are temporarily stabilized. 7/5/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 7/5/07	See erosion control section. 7/5/07	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	Work continues at Vault #36. Soils remain exposed. 7/5/06	Stabilize/restore area when appropriate. 6/29/07	Needs attention when work is complete.
	The area near Vault #28 has been covered with a	Continue to monitor and provide final stabilization	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>hard pack that is resistant to erosion. 7/5/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 7/5/07</p> <p>Grass/vegetation has started to germinate in the stabilized area between Broad and Main St. 7/5/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains unvegetated but stable. 7/5/07</p> <p>Soil/process remains exposed but contained at vault #41, Vault #49 remains bare but has been covered with a hard pack that is resistant to erosion.(noted 6/6) 7/5/07</p> <p>A Private yard next to vault #28 has been stabilized with seed and hay mulch.(noted 6/13) Some minor vegetative growth was noted. 7/5/07</p>	<p>if necessary. 7/5/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 7/5/07</p> <p>Continue to monitor for adequate vegetative cover. 7/5/07</p> <p>Permanently stabilize remaining exposed area when feasible. 7/5/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 7/5/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 7/5/07</p>	<p>NA at this time.</p> <p>Grass growth noted.</p> <p>NA at this time.</p> <p>NA at this time.</p> <p>Minor grass growth noted.</p>
Dewatering	Dewatering activities were not observed during this week's inspection. 7/5/07	When dewatering is necessary, continue to appropriately contain and/or filter discharge water. 7/5/07	NA
Blasting	No blasting has been proposed. 7/5/07	None 7/5/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage	Ensure that spill kits are also present with each vehicle during active	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>yards. 7/5/07</p> <p>Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. 7/5/07</p> <p>Dried concrete washout or slurry was deposited and remains in an uncontained location in the yard since 5/10/07, the majority has now been removed, while some remains under stored materials. 7/5/07</p>	<p>construction 7/5/07</p> <p>Continue to monitor. Good proactive controls are being used even though leaks were not observed. 7/5/07</p> <p>Continue to properly dispose of the observed material and provide containment for future washouts. 7/5/07</p>	<p>NA</p> <p>Needs attention when feasible.</p>
Additional Observations	None 7/5/07	None 7/5/07	NA

Next likely scheduled inspection:

Friday July 13, 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 Inspectors: Katie Bednaz, BSC Group

Reviewer: Diana Walden, BSC Group



Photo of utility relocation activities along Pequot Ave. All catch basins were adequately protected. Sweep roadway as necessary.



Soils remain exposed at vault # 37 location. Seed and mulch should be applied as soon as feasible to prevent erosion/gullyng and potential sediment migration during storm events. Erosion controls remain in place.