

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: June 13, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 1.06” of precipitation was reported since the previous inspection, with 0.91” of the total recorded between 6/11 and 6/12. (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. 6/13/07	See erosion control section. 6/13/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Trenching activities continue between sta. #682 to #684, and at #698. 6/13/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 6/13/07	Catch basins are protected (proactively)
Fairfield	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave., and at sta. #460 to #462, #487, #551, #581 to #583, #592 to #598, #611 to #613, and #626 to #627. 6/13/07	Continue to monitor and be proactive. See erosion and sediment control. 6/13/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 6/13/07 Any exposed soils have potential for airborne	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 6/13/07 Prevent dust migration by regularly watering down	Catch basins were protected. (Proactively) Needs regular attention.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 6/13/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Problems with slurry entering catch basins were not observed this week. 6/13/07</p> <p>Erosion controls appear to have been driven over at sta. #612. Contractors stated that a motorist (non-project related) went through fencing early that morning. 6/13/07</p>	<p>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. 6/13/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 6/13/07</p> <p>Re-establish erosion controls as soon as feasible. 6/13/07</p>	<p>NA</p> <p>Needs attention as soon as feasible (due to a non-project related incident).</p>
Bridgeport	<p>Sediment tracking is regularly observed at the Railroad and Myrtle Ave. intersection and catch basins in the area are overwhelmed by continued accumulation. Sediment was originating from a stockpile yard identified as being associated with the Glenbrook Cable project. This is not covered under this D&M plan. Significant tracking was noted this week; catch basins remain overwhelmed. 6/13/07</p>	<p>Noted for the record since contractors stated the sediment is not related to this project. 6/13/07</p>	<p>NA</p>
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	<p>Perimeter erosion controls remain in place at the yard. 6/6/07</p>	<p>Continue to monitor and maintain the perimeter silt fence as necessary. 6/6/07</p>	<p>NA</p>
Inland Wetland and Watercourse encroachment and	<p>The Kings Highway lay-down yard is located adjacent to potential</p>	<p>See erosion control section. 6/13/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
mitigation	resource areas and a concrete lined waterway. 6/13/07		
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 6/13/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 6/13/07	NA
	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. Reserve spill kits are located in the equipment trailers. 6/13/07	See erosion control section. 6/13/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 6/13/07	Most areas are temporarily stabilized. 6/13/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 6/13/07	See erosion control section. 6/13/07	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. 6/13/06	Stabilize/restore lawn area when appropriate. 6/13/07	Needs attention when work is complete.
	The area near Vault #28 remains covered with a hard pack that is resistant to erosion. 3/6 – 6/13/07	Continue to monitor and provide final stabilization if necessary. 6/13/07	NA.
	Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 6/13/07	Vegetation should be restored as necessary upon completion of work in this area. 6/13/07	NA at this time.
	The trench formerly located between Broad	Continue to monitor for adequate vegetative	The area was seeded and mulched.

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	<p>and Main St. has topsoil in place. Seed and hay mulch were recently applied. 6/13/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains unvegetated but stable. 6/13/07</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. Sta. #608 was recently topsoiled 6/13/07</p> <p>A Private yard next to vault #28 has been stabilized with seed and hay mulch. 6/13/07</p>	<p>cover. 6/13/07</p> <p>Permanently stabilize remaining exposed area when feasible. 6/13/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 6/13/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 6/13/07</p>	<p>NA at this time.</p> <p>Sta #608 has topsoil in place; continue to stabilize.</p> <p>NA at this time.</p>
Dewatering	Dewatering activities were observed near sta. #581 and #592 during this week's inspection. 6/13/07	When dewatering is necessary continue to appropriately contain and/or filter discharge water. 6/13/07	NA
Blasting	No blasting has been proposed. 6/13/07	None 6/13/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 6/13/07</p> <p>Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. 6/13/07</p> <p>Dried concrete washout or slurry was noted in an uncontained location in the yard since 5/10 but</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 6/13/07</p> <p>Continue to monitor. Good proactive controls are being used even though leaks were not observed. 6/13/07</p> <p>Continue to properly dispose of the observed material and provide containment for future</p>	<p>NA</p> <p>NA</p> <p>A majority of the slurry was removed.</p>

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	the majority has now been removed, while some remains under stored materials. 6/13/07	washouts. 6/13/07	
Additional Observations	None 6/13/07	None 6/13/07	NA

Next likely scheduled inspection: Thursday June 21, 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



Photograph of controls near sta. #612 that appear to have been driven over earlier that morning by a motorist (not project-related).



Seed and mulch have been applied to the area between Broad and Main St.



Heavy tracking was noted this week at Railroad Ave. near its intersection with Myrtle Ave. The tracks were originating from a stockpile yard that is not associated with this project. Catch basins in this area remain overwhelmed with sediment.