

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: May 31, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: No precipitation was reported since the previous inspection.
(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. 5/31/07	See erosion control section. 5/31/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Trenching activities continue between sta. #656 to #652, #661 to #661, #683 to #684, and at #699 to #701. 5/31/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 5/31/07	Catch basins are protected (proactively)
	Construction activities are complete at vault #40. 5/31/07	None. Continue to restore/stabilize exposed soil when feasible. 5/31/07	NA
Fairfield	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave., and at sta. #458 to #462, #551, #570, #593 to #597, #610 to #613, and #624 to #626. 5/31/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 5/31/07	NA
	Work appears complete near sta. #612/Vault # 37 located along Post Rd. 5/31/07	None. Continue to restore/stabilize exposed soil when feasible. 5/31/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and Sediment Controls All active areas</p> <p>Fairfield</p> <p>Bridgeport</p> <p>Kings Highway Lay-down Yard (Off Kings</p>	<p>Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 5/31/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 5/31/07</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. 5/31/07</p> <p>The opening in the erosion controls near sta. #612 that provided access to construction activities near vault #37 has been adequately re-established as work appears complete here. 5/31/07</p> <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. 5/31/07</p> <p>The entire portion of silt fence that was</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 5/31/07</p> <p>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. 5/31/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 5/31/07</p> <p>Restore/stabilize exposed soil when feasible. 5/31/07</p> <p>Noted for the record since contractors stated the sediment is not related to this project. 5/31/07</p> <p>Continue to monitor and maintain the perimeter</p>	<p>Catch basins were protected. (Proactively)</p> <p>Needs regular attention.</p> <p>NA</p> <p>The controls have been re-established here.</p> <p>NA</p> <p>Silt fence has been fully re-established.</p>

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down Yard (Off Kings Highway, near Rt. 1 rotary)	compromised by materials has been re-established, including the small remaining section. 5/31/07	silt fence as necessary. 5/31/07	
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. 5/31/07	See erosion control section. 5/31/07	NA
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. 5/31/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 5/31/07	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. 5/31/07	See erosion control section. 5/31/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 5/31/07	Most areas are temporarily stabilized. 5/31/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 5/31/07	See erosion control section. 5/31/07	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 after it resumed last week. Soils remain exposed. 5/31/06	Stabilize/restore lawn area when appropriate. 5/31/07	Needs attention when work is complete.
	The area near Vault #28 remains covered with a hard pack that is resistant	Continue to monitor and provide final stabilization if necessary. 5/31/07	NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>to erosion. 3/6 – 5/31/07</p> <p>A private yard next to vault #28 remains stabilized with seed and hay mulch. 5/31/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 5/31/07</p> <p>The trench formerly located between Broad and Main St. was backfilled with a hard pack material on 4/13. Topsoil continues to be applied. 5/22-5/31/07</p> <p>A portion of the trench work along Pequot Ave has reached final vegetative cover, while a portion remains unvegetated but stable. 5/31/07</p> <p>Soil remains exposed but contained at vault #41, and at sta. #608. Vault #49 remains bare but has been covered with a hard pack that is resistant to erosion. 5/31/07</p>	<p>Continue to monitor to ensure adequate establishment of vegetation. 5/31/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 5/31/07</p> <p>Continue to provide restoration efforts and permanently stabilize area when feasible. 5/31/07</p> <p>Permanently stabilize remaining exposed area when feasible. 5/31/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 5/31/07</p>	<p>NA at this time.</p> <p>NA at this time.</p> <p>Topsoil was being applied.</p> <p>NA at this time.</p> <p>NA at this time.</p>
Dewatering	Dewatering activities were not observed during this week's inspection. 5/31/07	When dewatering is necessary continue to appropriately contain and/or filter discharge water. 5/31/07	NA
Blasting	No blasting has been proposed. 5/31/07	None 5/31/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 5/31/07</p> <p>Fluid filled equipment in</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 5/31/07</p> <p>Continue to monitor.</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>the King's Highway yard continue to be proactively stored on liners or similar containment. 5/31/07</p> <p>Dried concrete washout or slurry remains in an uncontained location in the yard. 5/10-5/31/07</p>	<p>Good proactive controls are being used even though leaks were not observed. 5/31/07</p> <p>Properly dispose of the observed material and provide containment for future washouts. 5/10-5/31/07</p>	Needs attention
Additional Observations	None 5/31/07	None 5/31/07	NA

Next likely scheduled inspection: Wednesday June 6, 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



Topsoil continues to be added to the trenching location between Broad and Main Street in an effort to restore the area.



View of trenching activities at sta. #594.



The King's Highway lay-down yard was recently watered down to proactively prevent airborne dust.



Erosion controls have been re-established at sta. #610. Stabilization of exposed soil is recommended when feasible.