

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 22, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: A total of 0.24" of precipitation was reported since the previous inspection with all but a trace recorded on 5/18. (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. 5/22/07	See erosion control section. 5/22/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Trenching activities continue between sta. #683 to #684, #699 to #704, and at #725. 5/22/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 5/22/07	Catch basins are protected (proactively)
Fairfield	Construction activities continue at vault #40. 5/22/07	None. Continue to restore/stabilize exposed soil when feasible. 5/22/07	NA
	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave., and at sta. #458 to #462, #551, #593 to #594, #597, and #610 to #613. 5/22/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 5/22/07	NA
	Activities continue at Vaults #36 and 37. 5/22/07	See erosion control section for more details. 5/22/07	NA
Erosion and Sediment Controls	Filter fabric or filter socks are installed in catch	Continue place a gutter buddy (or similar) in any	Catch basins were protected.

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All active areas	basins adjacent the construction activities. 5/22/07	catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 5/22/07	(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 5/22/07	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. 5/22/07	Needs regular attention.
	Slurry from saw cutting activities has the potential to enter catch basins. Problems with slurry entering catch basins were not observed this week. 5/22/07	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 5/22/07	NA
Fairfield	Access to construction activities near vault #37 has been gained via an opening in the erosion controls at station #612, leaving exposed soil uncontained at the close of each work period. 5/17-5/22/07	Erosion controls should be re-established in this location at the close of each work period to prevent potential sediment migration during heavy rain events. (Haybales could also be placed across the access.) 5/17-5/22/07	Needs attention.
	A private yard next to vault #28 remains stabilized with seed and hay mulch. 5/22/07	Continue to monitor to ensure adequate establishment of vegetation and lawn cover. 5/22/07	NA
Bridgeport	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.	Noted for the record since contractors stated the sediment is not related to this project. 5/22/07	NA

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Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	<p>This is not covered under this D&M plan. 5/22/07</p> <p>The portion of silt fence that was compromised/overwhelmed by materials has been re-established. One section may still need reinforcement. 5/22/07</p>	Continue to monitor and maintain the perimeter silt fence as necessary. 5/22/07	The majority of the silt fence was re-established.
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. 5/22/07	See erosion control section. 5/22/07	NA
Staging, Storage, and Parking Areas	<p>A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 5/22/07</p> <p>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. 5/22/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 5/22/07</p> <p>See erosion control section. 5/22/07</p>	<p>NA</p> <p>NA</p>
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 5/22/07</p> <p>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 5/22/07</p>	<p>Most areas are temporarily stabilized. 5/22/07</p> <p>See erosion control section. 5/22/07</p>	<p>NA</p> <p>NA</p>
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)	Work continues at Vault #36 after it resumed last week. Soils remain	Stabilize/restore lawn area when appropriate. 5/22/07	Needs attention when work is complete.

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or stabilization	<p>exposed. 5/22/06</p> <p>The area near Vault #28 remains covered with a hard pack that is resistant to erosion. 3/6 – 5/22/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 5/22/07</p> <p>The trench formerly located between Broad and Main St. was backfilled with a hard pack material on 4/13. but is now being dressed with topsoil. 5/22/07</p> <p>A portion of the trench work along Pequot Ave has reached final vegetative cover, while a portion remains unvegetated but stable. 5/22/07</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. 5/22/07</p>	<p>Continue to monitor and provide final stabilization if necessary. 5/22/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 5/22/07</p> <p>Continue to provide restoration efforts and permanently stabilize area when feasible. 5/22/07</p> <p>Permanently stabilize remaining exposed area when feasible. 5/22/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 5/22/07</p>	<p>NA.</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 observed at vault #36 during this week's inspection. 5/22/07	Discharge water appeared to be appropriately contained and/or filtered. 5/22/07	NA
Blasting	No blasting has been proposed. 5/22/07	None 5/22/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 5/22/07</p> <p>Fluid filled equipment in the King's Highway yard</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 5/22/07</p> <p>Continue to monitor. Good proactive controls</p>	<p>NA</p> <p>NA</p>

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	<p>continue to be proactively stored on liners or similar containment. 5/22/07</p> <p>Dried concrete washout or slurry remains in an uncontained location in the yard. 5/10-5/22/07</p>	<p>are being used even though leaks were not observed. 5/22/07</p> <p>Properly dispose of the observed material and provide containment for future washouts. 5/10-5/22/07</p>	Needs attention
Additional Observations	None 5/22/07	None 5/22/07	NA

Next likely scheduled inspection: Thursday May 31, 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



The majority of the compromised silt fence within the King's Highway lay-down yard has been re-established. The portion of the fence in the foreground of the photo required additional reinforcement when feasible.



Activities continue at the vault #37 location. Access to the construction area has been obtained through an entrance in the erosion controls. Recommend re-establishing controls or placing haybales at the close of each day to prevent sediment migration during heavy rain events.



Catch basin location on the corner of Railroad and Myrtle Ave. Accumulated sediment is not project related, but a result of regular tracking attributed to a storage yard for a project not covered under this D&M plan.



Topsoil is being added to the former trenching location between Broad and Main St. in an effort to restore the area.