

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 21, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.75" of precipitation was reported since the previous inspection, with 0.59" recorded on 6/16. (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. 6/21/07	See erosion control section. 6/21/07	Not Applicable (NA)
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. Active saw cutting and trenching activities were ongoing at the time of the inspection at sta. #788 to #789. 6/21/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 6/21/07	NA
Fairfield	Construction trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #458 to #462, #551, #578 to #579, #581 to #583, #590, and #593. Construction is also active at vaults #33 and #36. 6/21/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering sections. 6/21/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent the construction activities.	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to	Catch basins were protected. (Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>6/21/07</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. 6/21/07</p>	<p>prevent sediment from entering basin. 6/21/07</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. 6/21/07</p>	<p>Needs regular attention.</p>
Fairfield	<p>Slurry from saw cutting activities has the potential to enter catch basins. Problems with slurry entering catch basins were not observed this week. 6/21/07</p>	<p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 6/21/07</p>	<p>NA</p>
Bridgeport	<p>Erosion controls were accidentally driven over last week at sta. #612. Silt fence was restored but slope remains exposed. 6/21/07</p>	<p>Stabilize slope as soon as feasible. It is anticipated the area will be seeded and mulched when manhole rims are set. 6/21/07</p>	<p>Silt fence was restored. Continue to stabilize.</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 is originating from a stockpile yard identified as being associated with the Glenbrook Cable project. This is not covered under this D&amp;M plan. Significant tracking was noted this week; catch basins remain overwhelmed. 6/21/07</p>	<p>Noted for the record since contractors stated the sediment is not related to this project. 6/21/07</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. 6/21/07</p>	<p>Continue to monitor and maintain the perimeter silt fence as necessary. 6/21/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 6/21/07	See erosion control section. 6/21/07	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. 6/21/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 6/21/07	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. 6/21/07	See erosion control section. 6/21/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 6/21/07	Most areas are temporarily stabilized. 6/21/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 6/21/07	See erosion control section. 6/21/07	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 has been re-initiated at Vault #36. Soils remain exposed. 6/21/06	Stabilize/restore area when appropriate. 6/21/07	Needs attention when work is complete.
	The area near Vault #28 has been covered with a hard pack that is resistant to erosion. 3/6 – 6/21/07	Continue to monitor and provide final stabilization if necessary. 6/21/07	NA.
	Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 6/21/07	Vegetation should be restored as necessary upon completion of work in this area. 6/21/07	NA at this time.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>The trench formerly located between Broad and Main St. has topsoil in place. Seed and hay mulch were recently applied. 6/21/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains unvegetated but stable. 6/21/07</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. 6/13-6/21/07</p> <p>A private yard next to vault #28 remains stabilized with seed and hay mulch (noted 6/13). 6/21/07</p>	<p>Continue to monitor for adequate vegetative cover. 6/21/07</p> <p>Permanently stabilize remaining exposed area when feasible. 6/21/07</p> <p>Permanently stabilize soil as required by the D&amp;M Plan as soon as feasible. 6/21/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 6/21/07</p>	<p>Continue to monitor.</p> <p>NA at this time.</p> <p>NA at this time.</p> <p>NA at this time.</p>
Dewatering	Dewatering activities were observed at near sta. #596 (near Vault #36), and near #789 during this week's inspection. A frac tank was in place at #596 and a vac truck was used at #789. 6/21/07	When dewatering is necessary, continue to appropriately contain and/or filter discharge water. 6/21/07	Frac tanks and vac trucks were in place.
Blasting	No blasting has been proposed. 6/21/07	None 6/21/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 6/21/07</p> <p>Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 6/21/07</p> <p>Continue to monitor. Good proactive controls are being used even though leaks were not</p>	<p>NA</p> <p>NA</p>

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	containment. 6/21/07  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. 6/21/07	observed. 6/21/07  Continue to properly dispose of the observed material and provide containment for future washouts. 6/21/07	The majority of slurry was removed.
Additional Observations	None 6/21/07	None 6/21/07	NA

Next likely scheduled inspection: Friday June 29, 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: Gregory Sommer, BSC Group

Reviewers: Diana Walden and Katie Bednaz, BSC Group



View of open trenchwork near sta. #461 to #462.



View of dewatering activities near vault #36.



Silt fence has been restored near vault #37. It is anticipated that the area will be seeded and mulched once the man hole rims are set.



Dewatering and trenching activities were occurring along Railroad Avenue near sta. #789. A vac truck was used to remove the water.