

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 25, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.91" of precipitation was reported since the previous inspection with all precipitation recorded on 7/23. (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. 7/25/07	See erosion control section. 7/25/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Construction/trenching activities were ongoing at sta. #660 to #662, #679 to #681, #682 to #683, #697 to #699, and at #788 to #789. Tree removal/ preparation for trenching activities had occurred near vault #42. 7/25/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 7/25/07	Catch basins are protected (proactively)
Fairfield	Construction trenching activities were ongoing at sta., #460 to #464, #494, #534 to #536, #551, #580 to #582, and at #595. 7/25/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 7/25/07	Catch basins are protected (proactively)
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 7/25/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 7/25/07	Catch basins were protected. (Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 7/25/07	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. 7/25/07	Needs regular attention
	Vegetation continues to establish at vault #36 and #37. Silt fence at vault #37 has been compromised in one location (noted 7/19). 7/25/07	Continue to monitor until final stabilization is achieved. Repair compromised silt fence at vault #37. 7/25/07	Grass growth was noted in the hydroseeded areas. Silt fence needs repair.
Bridgeport	Slurry from saw cutting activities has the potential to enter catch basins. Issues with dried slurry/dust from saw-cutting activities were not observed this week. 7/25/07	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 7/25/07	No issues noted but needs regular attention
	Sediment tracking and sediment accumulation in the catch basins are regularly observed at the Railroad and Myrtle Ave. intersection. 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. 7/25/07	Noted for the record since contractors stated the sediment is not related to this project. 7/25/07	NA
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Perimeter erosion controls remain in place at the yard. 7/25/07	Continue to monitor and maintain the perimeter silt fence as necessary. 7/25/07	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. 7/25/07	See erosion control section. 7/25/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 7/25/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 7/25/07	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. 7/25/07	See erosion control section. 7/25/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 7/25/07	Most areas are temporarily stabilized. 7/25/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 7/25/07	See erosion control section. 7/25/07	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	Vegetation continues to establish in the recently hydroseeded areas at vault #36 and #37. 7/25/07	Continue to monitor areas for final stabilization. 7/25/07	Grass growth was noted.
	The area near Vault #28 has been covered with a hard pack that is resistant to erosion. 7/25/07	Continue to monitor and provide final stabilization if necessary. 7/25/07	NA.
	Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 7/25/07	Vegetation should be restored as necessary upon completion of work in this area. 7/25/07	NA at this time.
	Grass/vegetation continues to grow in the stabilized area between Broad and Main St. The area is approximately	Continue to monitor for acceptable vegetative cover. 7/25/07	Area is largely stable.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>70% vegetated. 7/25/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains un-vegetated but stable. 7/25/07</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) 7/25/07</p> <p>A Private yard next to vault #28 has been stabilized with seed and hay mulch (noted 6/13) Vegetative growth was noted. 7/25/07</p> <p>One tree has been removed (In accordance with the D&M Plan) adjacent to vault #42 in preparation for trenching activities. 7/25/07</p>	<p>Permanently stabilize remaining exposed area when feasible. 7/25/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 7/25/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 7/25/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 7/25/07</p>	<p>NA at this time.</p> <p>NA at this time.</p> <p>Minor grass growth noted.</p> <p>NA at this time.</p>
Dewatering	Dewatering activities were observed during this week's inspection at sta. #582. 7/25/07	Continue to appropriately contain and/or filter discharge water. 7/25/07	NA
Blasting	No blasting has been proposed. 7/25/07	None 7/25/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 7/25/07	Ensure that spill kits are also present with each vehicle during active construction 7/25/07	NA
King's Highway lay-down yard	Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. The 55-	Good proactive controls are being used for equipment even though leaks were not observed.	The drum was no longer observed.

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	gallon drum of bio-diesel that was being stored in an uncontained location within the yard last week was no longer observed. 7/25/07	Continue to store fluid materials over 100 feet from sensitive areas whenever feasible. 7/25/07	
Additional Observations	None 7/25/07	None 7/25/07	NA

Next likely scheduled inspection: Thursday August 2, 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

Reviewers: Diana Walden, BSC Group



Vegetation is beginning to establish at sta. #611.



A large tree has been removed near vault #42 in preparation for trenching activities in this location.



Photo of sediment tracking on Railroad Ave. near its intersection with Myrtle Ave. This was not a result of project related activities.



Trenching activities were being conducted at sta. #788.