

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 2, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 1.87” of precipitation was reported since the previous inspection with 1.77” of the total recorded on 4/27/07. (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. 5/02/07	See erosion control section. 5/02/07	Not Applicable (NA)
	The accumulated sediment/material that was noted last week along the shoulder of the roadway adjacent to vault #32, has been removed. 5/02/07	Continue to sweep streets in work areas on a regular basis. Ensure that gutters are also being cleaned appropriately. 5/02/07	Sediment has been removed.
	Near sta. #494 on the north side of Pequot Ave., the road was undermined by water, leaving a large hole under the pavement. 5/02/07	Evaluate and repair as necessary. 5/02/07	Needs evaluation and attention.
Vault Openings and Trench Construction Bridgeport	Trenching activities continue between sta. #685 to #688, #706 to #707, and at #725. 5/02/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 5/02/07	Catch basins are protected (proactively)
	Construction activities were nearing completion at Vault #47. Portions of the disturbed soil areas had been repaved.	None. 5/02/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	5/02/07 Trenching activities continue on Rt. 1 near its intersection with Pequot Ave., and at sta. #458 to #463, #609 to #610, and at #551. 5/02/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 5/02/07	NA
	Vault #32 and #33 construction activities are complete, while activities at #34 have commenced. 5/02/07	None. 5/02/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 5/02/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 5/02/07	Catch basins were protected. (Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 5/02/07	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. 5/02/07	Needs regular attention.
	Slurry from saw cutting activities has the potential to enter catch basins. Problems with slurry were not observed this week. 5/02/07	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 5/02/07	NA
	Fairfield	Work at vault #41 is largely complete. A portion of the silt fence installed around the remaining exposed soils is again in disrepair. 5/02/07	Repair/maintain controls and continue to stabilize soil as feasible. 5/02/07
A soil stockpile along Pequot Ave. remains covered with plastic and has adjacent silt fence. 5/02/07		Continue to monitor and maintain controls. 5/02/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Bridgeport</p> <p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>The un-toed silt fence around the exposed soil at vault #36 was removed and replaced with a properly installed haybale barrier. 5/02/07</p> <p>Sediment tracking is regularly observed at the Railroad and Myrtle Ave. intersection and was originating from a stockpile yard identified as being associated with the Glenbrook Cable project. This is not covered under this D&amp;M plan. 4/25 – 5/02/07</p> <p>Airborne dust migration was not noted within the Kings Highway lay-down yard at the time of inspection, but has been noted during past inspections. 5/02/07</p>	<p>Continue to monitor until the area is stable. 5/2/07</p> <p>Noted for the record since contractors stated the sediment is not related to this project. 5/02/07</p> <p>Prevent dust migration by implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 5/02/07</p>	<p>Erosion controls are properly installed.</p> <p>NA</p> <p>Needs regular attention.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 5/02/07</p>	<p>See erosion control section. 5/02/07</p>	<p>NA</p>
<p>Staging, Storage, and Parking Areas</p>	<p>A contractor storage yard on Bostwick Ave. contains frac tanks, trailers, and available parking. Reserve spill kits are located in the equipment trailers. 5/02/07</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. 5/02/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 5/02/07</p> <p>See erosion control section. 5/02/07</p>	<p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 5/02/07	Most areas are temporarily stabilized. 5/02/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 5/02/07	See erosion control section. 5/02/07	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 appears temporarily complete at Vault #36. 4/13-5/02/06	Stabilize/restore lawn area when appropriate. 5/02/07	Needs attention when work is complete.
	The area near Vault #28 has been covered with a hard pack that is resistant to erosion. Piles of aggregate were noted in this area. 3/6 – 5/02/07	Continue to monitor and provide final stabilization if necessary. 5/02/07	NA.
	Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07.	Vegetation should be restored as necessary upon completion of work in this area. 5/02/07	NA at this time.
	The trench formerly located between Broad and Main St. has been backfilled with a hard pack material on 4/13. The area appears to be stable but remains as a bare, exposed surface. 5/02/07	Permanently stabilize the area with final restoration measures when feasible. 4/13-5/02/07	Needs attention when feasible.
Dewatering	Dewatering activities were observed at sta. #458 to # 463 during this week's inspection. 5/02/07	Discharge water appeared to be appropriately contained and/or filtered. 5/02/07	NA
Blasting	No blasting has been proposed. 5/02/07	None 5/02/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage	Ensure that spill kits are also present with each vehicle during active	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yards. 5/02/07  Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. 5/02/07	construction 5/02/07  Continue to monitor. Good proactive controls are being used even though leaks were not observed. 5/02/07	NA
Additional Observations	None 5/02/07	None 5/02/07	NA

Next likely scheduled inspection: Thursday May 10, 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



Disturbed soils from construction activities along Pequot Ave. remain largely stable.



Exposed soils associated with the construction activities at vault #36 are contained within a haybale barrier.



Photo of the vault #41 location. Although, silt fence is in disrepair and needs maintenance, exposed soil remains stable.



View of trenchwork located within Railroad Ave. at sta. #722.



Construction activities at vault #47 are nearing completion. Some previously disturbed areas have been re-paved.



Stone has been applied to the shoulder of Railroad Ave. where necessary, in an effort to reduce vehicle ruts.



Photo of Railroad Ave. at its intersection with Myrtle Ave. Sediment tracking is regularly noted at this location but is due to a storage yard for a project not covered under this D&M plan.



Soil within the trenching area between Broad and Main St. remains stable, although final stabilization measures are needed when feasible.