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: January 3, 2007

Inspector: Katie Bednaz and Greg Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 4.08" of precipitation was recorded since the previous inspection (two weeks ago)

in 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.	See erosion control section.	Not Applicable (NA)
•	Soil on the shoulder of Railroad Ave. near its intersection with Hancock Ave. is migrating into the roadway and being tracked by vehicle traffic. 1/03/07	Remove and prevent soil from migrating into roadway. 1/03/07	Needs attention.
Vault Openings and Trench Construction Bridgeport	Trenching activities continue: on Railroad Ave. between Howard Ave. and South Ave.; near the intersection of Railroad Ave. and Bostwick Ave.; between South Ave. and Park Ave.; and in the portion of land between Broad St. and Main Ave. 1/03/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 1/03/07	Catch basins are protected.(Proactively)
Fairfield	Trenching activities continue on Rt. 1 near its intersection with Pequot Ave. Rd. 1/03/06	None. 1/03/07	NA
	Work appears to be	None. 1/03/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	temporarily complete at Vault #36. 1/03/06		
	The vault #7542 activities are complete and the area is restored. 1/03/07	None. 1/03/07	Area is restored.
Erosion and Sediment Controls Fairfield/Bridgeport	Filter fabric or filter socks are installed in catch basins adjacent to the construction activities. 1/03/07	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 1/03/07	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/03/07	Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 14-21 days, they should be stabilized. 1/03/07	Needs regular attention but good efforts were noted
	Problems with dust were not observed this week. 1/03/07	None. 1/03/07	NA
	Slurry from saw cutting activities has the potential to enter catch basins. 1/03/07	Prevent slurry from entering catch basins and sensitive areas, and protect nearby catch basins during cutting activities. 1/03/07	NA
Fairfield	Work at vault #41 is largely complete. 1/3/06	Continue to stabilize soil as feasible but the area is contained. 12/20/06	NA
	Silt fence is also in place along trenching activities near Pequot Ave. One section could use repairs and a stockpile here is partially covered. 1/03/07	Continue to monitor and contain disturbed soils resulting from the construction. Re-establish any compromised controls. 1/03/07	Needs attention when feasible.
Kings Highway Lay- down Yard (Off Kings Highway, near Rt. 1 rotary)	Some of the concrete wash-out was not fully contained within the wash-out basin. 1/03/07	Contain all concrete wash-out in basin and provide adequate capacity in basin. 1/03/07	Needs evaluation.
	A small portion of the perimeter silt fence on either side of the entrance	Maintain controls as needed. 1/03/07	Needs attention.

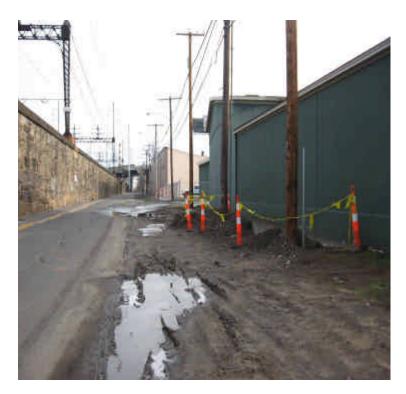
Areas of Inspection	Observation	Recommended Action	Corrected Action
	to the yard were in disrepair, including the side adjacent to the resource area. 1/03/07		
Inland Wetland and Watercourse encroachment and mitigation	The Kings Highway laydown yard is located adjacent to potential resource areas and a concrete lined waterway. 1/03/07	See erosion control section. 1/03/07	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. 1/03/07	None 1/03/07	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. 1/03/07	See erosion control section. 1/03/07	NA
	The temporary storage area at the intersection of Railroad Ave. and Iranistan Ave. is no longer in use. 1/03/07	None. 1/03/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 1/03/07	Most areas are temporarily stabilized. 1/03/07	NA
	A small stockpile off Rt 1 Pequot Ave is partially covered with plastic during trenchwork. 1/03/07	Re-cover stockpile fully when feasible. Soil is contained within the silt fence. (see erosion control section.) 1/03/07	Needs attention when feasible.
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

Areas of Inspection	Observation	Recommended Action	Corrected Action
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Tire ruts were noted in the shoulder of Railroad Ave. Most other recently disturbed areas have been seeded or mulched along the shoulders of the roadway. 10/27/06- 1/03/07	Continue to place mulch or other temporary stabilization on exposed surfaces. 10/27- 1/03/07	NA
	Work appears temporarily complete at Vault #7536. 1/3/06	Stabilize/restore area when appropriate. 11/01- 1/03/07	Needs attention when work is complete.
	Trenching activities at Howard and Railroad Ave was generating exposed soil. However, soil remains contained to the construction area. 1/03/06	Stabilize/restore area when appropriate. 11/01- 1/03/07	Needs attention when work is complete.
Dewatering	Construction activities, including dewatering, were not observed during this week's inspection. However, a frac tank is being stored near trench activities on Railroad Ave. 1/03/07	None 1/03/07	NA
Blasting	No blasting has been proposed. 1/03/07	None 1/03/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 1/03/07	None 1/03/07	NA
Additional Observations	None 1/03/07	None 1/03/07	NA

Next likely scheduled	
inspection:	Tuesday January 9, 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 Inspector:	Katie Bednaz, Greg Sommer, BSC Group
Reviewer:	Diana Walden, BSC Group



Photograph taken on Railroad Ave. between Wordin Ave. and Iranistan Ave. of soils that have been exposed by construction activities. Temporary stabilization (mulch) is recommended.



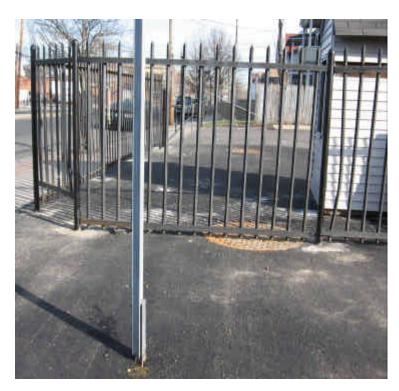
Photograph taken at the intersection of Railroad Ave. and Hancock Ave. of some minor soil migration from the shoulder into the road. Vehicles are tracking soil through intersection.



Photograph of trenching activities and frac tanks stored on Railroad Ave. at its intersection with Howard Ave.



Photograph of the former Iranistan Ave. storage area for the project that has since been abandoned.



Photograph of Vault #41. Installation is complete and the area has been restored.



Photograph of Vault #36.





Photo of trenching activities along Pequot Ave. near its intersection with Rt. 1. The silt fence along this area is slumping in some areas. It is recommended that the silt fence be maintained and the plastic covering on the soil stockpile be replaced.

KING'S HIGHWAY LAYDOWN YARD



Photo of the concrete washout basin where washout was not fully contained. Repair as feasible.



Photo of a small section of the perimeter silt fence that is in disrepair along the side of the yard that is adjacent to the resource area.