

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: August 17, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.59" rain reported on 8/15 at Bridgeport CT; no other reported precipitation since the previous inspection (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	Trench was being excavated on Railroad Ave. between Warden Ave. and Iranistan Ave. Sediment on roadways from construction activities is swept off of roadway upon completion of work in the area or at the close of the workday. 8/17/06	Continue to monitor and be proactive. 8/17/06	Roadway was swept once construction was completed in area or at close of workday (proactively)
	Roadside areas that were recently accessed to remove railroad ties had ruts and disturbed soil surface. 8/17/06	See vegetative clearing/ stabilization section. 8/17/06	NA
Vault Openings and Trench Construction	Trench was opened and being prepared for conduit installation on Railroad Ave. between Warden Ave. and Iranistan Ave. 8/17/06	None 8/17/06	NA
Erosion and Sediment Controls	Filter fabric has been installed in all catch basins adjacent to the construction activities. 8/17/07	Continue to monitor. 8/17/06	Catch basins were protected (proactively)
	Exposed soils have	Prevent dust migration by	Needs regular

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	potential for airborne dust migration during the excavation of the trench. 8/17/06	periodically watering down exposed soils. 8/10-8/17/06	attention
Inland Wetland and Watercourse encroachment and mitigation	No inland wetland or watercourses are located near the currently active construction areas 8/17/06	None 8/17/06	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. 8/17/06	None 8/17/06	NA
Soils	Soils are exposed as part of the excavation for trench work in the shoulder of Railroad Avenue. No other soils are exposed or are being transported at this time. 8/17/06	See erosion control section for dust control. 8/17/06	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. 8/17/06	None 8/17/06	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	No vegetative clearing has been required as all work is on asphalt or within abandoned railway. 8/17/06 -A small area of roadside disturbance was noted as a result of removing railroad ties. 8/17/06	None 8/17/06 - Attend to temporary restoration of roadside areas if work will not return there within 14-21 days. 8/17/06	NA - Needs attention if time limit is reached
Dewatering	Active dewatering was not noted at the time of inspection. 8/17/06	None 8/17/06	NA
Blasting	No blasting has been proposed. 8/17/06	None 8/17/06	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard; no spills or material storage problems were	None. 8/17/06	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	observed on site. 8/17/06 Excavated railroad ties are piled up and stored off the roadway to be removed from the site. 8/17/06	None 8/17/06	NA
Additional Observations	None 8/17/06	None 8/17/06	NA

Next likely scheduled inspection: Thursday August 24, 2006

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,

Reviewer: Diana Walden



Photo of trenching activities on the shoulder of Railroad Ave. near the intersection of Railroad Ave. and Warden Ave.



Photo of trench and associated shoring being prepared for conduit installation.



Work area along Railroad Ave, between Warden Ave and Howard Ave. Railroad ties were pulled up and currently stored to be removed from site (in background of photo). Regrade and restore roadside area when feasible.



Protected catch basin located under commuter rail on Warden Ave near intersection with Railroad Ave.