

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: October 4, 2006

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: No precipitation has been reported since the 9/6/06 inspection (NOAA). However, rainfall reporting by NOAA appears to have been interrupted and incomplete for September.

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.	NA
Vault Openings and Trench Construction Bridgeport	Trenching activities on Railroad Ave. between Wordin Ave. and Iranistan Ave. have started again. 10/04/06	None 10/04/06	NA
	Trench excavation and utility work continue east on Railroad Ave, between Wordin Ave. and Bostwick Ave. Most completed trench has been backfilled, seeded and mulched. Sediment on roadways from construction activities is swept off roadway upon completion of work in the area or at the close of the workday. 10/04/06	Continue to monitor and be proactive. Continue to seed and mulch areas as they are completed. Dust control has previously been an issue in other areas. Continue to sweep as soon as feasible. 10/04/06	Roadway was swept regularly. (Proactively) Catch basins are protected.(Proactively) Restoration was noted.
	Trenching activities continue at the intersection of Broad St. and Atlantic Ave. 10/04/06	None. 10/04/06	Catch basins are protected.(Proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	Vault # 7546 adjacent to Railroad Ave. north of Bostwick Ave. is being prepared for installation. 10/04/06	None. 10/04/06	N/A
	Trenching activities continue to the north of Vault #7537. 10/04/06	None. 10/04/06	NA
	Trenching activities have ceased on Rt. 1 in Fairfield between Round Hill Road. and Unquowa Rd. 10/04/06	None. 10/04/06	NA
	Trenching activities have commenced on Rt. 1 between Miller St. and Reef Rd.	None. 10/04/06	Catch basins were protected.(Proactively) Roadway was swept regularly.
	The installation of Vault #7439 is complete. The area has been stabilized with hard pack material and the sidewalk was paved. 10/04/05	None. 10/04/06	NA
Erosion and Sediment Controls Bridgeport	Filter fabric or filter socks are installed in all catch basins adjacent to the construction activities. 10/04/06	Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 10/04/06	Catch basins were protected.(Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/04/06	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. 10/04/06	Needs regular attention but good efforts were noted
Fairfield	Problems with dust were not observed this week. 10/04/06	None. 10/04/06	NA
Fairfield	Work continues to the southwest of Vault #7537, near Dunkin Donuts. Sawcutting is	Continue to use the sweeper truck to sweep the area immediately after the sawcut is completed.	Truck is sweeping immediately behind the sawcut.

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and Sediment Controls continued</p> <p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>being closely followed by a street sweeper. 10/04/06</p> <p>Good erosion controls (silt fence) are in place at the work area in front of Fairfield Inn. 10/04/06</p> <p>The abandoned concrete wash-out basin has been graded out/removed. 10/04/06</p> <p>Soil pile remains where abandoned concrete wash-out basin was previously located, adjacent to the perimeter silt fence. 10/04/06</p> <p>The sweeper truck wash-out area is not contained within the designated area but remains well contained within the yard. 10/04/06</p> <p>A number of soil piles located in the westerly portion of the yard remain inactive. 10/04/06</p> <p>Equipment attachments with fluid-filled hoses are stored in the yard. 10/04/06</p>	<p>Prevent vehicles from driving through slurry where possible and control potential dust production when it occurs. 10/04/06</p> <p>Continue to monitor and maintain as needed. 10/04/06</p> <p>None. 10/4/06</p> <p>Relocate soil pile away from sensitive areas. 10/04/06</p> <p>Implement methods to contain all truck wash-out material to the basin. 10/04/06</p> <p>Soil piles that are inactive for 30 days should be stabilized with a fast growing seed mix. 10/04/06</p> <p>See Material Storage sections. 10/04/06</p>	<p>NA</p> <p>Basin has been removed</p> <p>Needs attention.</p> <p>Needs attention when feasible.</p> <p>Needs attention when guideline time limit is reached.</p> <p>NA</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. 10/04/06</p>	<p>See erosion control section. 10/04/06</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</p>	<p>None 10/04/06</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>spill kits are located in the equipment trailers. 10/04/06</p> <p>A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. 10/04/06</p>	<p>See erosion control section. The yard is well contained at this time with a few potential improvements. 10/04/06</p>	<p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 10/04/06</p> <p>Vac trucks are being used to remove soil from the trench in areas with high density of utility lines. 10/04/06</p> <p>Soils were being contained, tagged and transported appropriately. 10/04/06</p>	<p>See erosion control section for dust control. 10/04/06</p> <p>None. 10/4/06</p> <p>Continue to monitor. 10/04/06</p>	<p>NA</p> <p>NA</p> <p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 10/04/06</p>	<p>None 10/04/06</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Several areas that are no longer being worked along Railroad Ave have been seeded and mulched with hay appropriately. Some grass growth was noted 10/04/06</p>	<p>None. Continue to monitor for stabilization/vegetative cover. 10/04/06</p>	<p>Areas were restored and sparse vegetation is establishing</p>
<p>Dewatering</p>	<p>Active dewatering was not noted at the time of inspection. 10/04/06</p>	<p>None 10/04/06</p>	<p>NA</p>
<p>Blasting</p>	<p>No blasting has been proposed. 10/04/06</p>	<p>None 10/04/06</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Spill cleanup materials/kits were observed in the storage yard and on job trucks. 10/04/06</p> <p>Equipment attachments with fluid-filled hoses are</p>	<p>None 10/04/06</p> <p>Placing pads or similar containment under the</p>	<p>NA</p> <p>Needs attention (proactively).</p>

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	<p>stored in the yard. 10/04/06</p> <p>Excavated railroad ties are piled up and stored off the roadway to be removed from the site. 8/17/06 – 10/04/06</p>	<p>equipment will proactively prevent potential spills from leaks or breakages. 10/04/06</p> <p>None 8/17/06 – 10/04/06</p>	<p>NA</p>
<p>Additional Observations</p>	<p>None 10/04/06</p>	<p>None 10/04/06</p>	<p>NA</p>

Next likely scheduled inspection: Wednesday October 11, 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, BSC Group

Reviewer: Diana Walden, BSC Group



Trenching activities at the intersection of Atlantic Ave. and Broad St. Please note protected catch basin.



Location of previously excavated area for utility work on Broad St. Please note that grass is starting to establish in the area.



Trenching work on Railroad Ave. between Iranistan Ave. and Howard Ave.



Area prepared for the installation of Vault # 7546 on Railroad Ave., north of Bostwick Ave.



Photograph of spill kit located on the back of a contractor truck.



Portion of backfilled trench along Railroad Ave. near Howard Ave. It is anticipated that the area will be seeded and mulched within the week.



Location of Vault # 7539 which was installed last week.



Photograph of site conditions off Rt. 1 in front of the Fairfield Inn. Erosion controls are in good shape here.

KINGS HIGHWAY LAYDOWN YARD PHOTOGRAPHS



Attachments with fluid-filled hoses are being stored in the yard. In an effort to contain potential spills, equipment could be stored on pads or similar in case of leaks or breakages.



Sweeper washout area is not containing all of the washout materials to the basin. Run-off (potentially saw cutting cast-off) is located under, and in front of the right front tire of the box truck.



Previous location of original concrete washout basin. The soil pile should be located away from the perimeter fence



Inactive soil piles within the yard. If the resulting soil piles have been or will be inactive for 30 days they should be seeded appropriately to control dust production.