

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: September 26, 2007

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: No precipitation was reported since the previous inspection (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. 9/26/07	See erosion control section. 9/26/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Active construction areas were observed at station #652 to #656, #662, #670 to #671, #678 to #679, #681 to #683, #709 to #713, #756 to #758, and #773 to #774. 9/26/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 9/26/07	NA
Fairfield	Active construction areas were observed at station #461 to #464, and at #494. 9/26/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 9/26/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 9/26/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 9/26/07	Catch basins were protected. (Proactively)
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Airborne	Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to	NA

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Fairfield	<p>dust migration was not noted within the Bostwick Ave. lay-down yard during this week's inspection. 9/26/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 9/26/07</p> <p>The silt fence at vault #37 (near Fairfield Inn) was removed. A small portion of soil was exposed as a result of the removal. 8/21-9/26/07. The vehicle ruts noted in the grass along the roadway shoulder (since 8/21) have been temporarily stabilized with mulch. 9/26/07</p>	<p>be worked within 30 days, they should be stabilized within 7 days of the last activity. 9/26/07</p> <p>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 9/26/07</p> <p>Stabilize any remaining exposed soils with seed and mulch to prevent sediment migration. Continue to monitor until final stabilization is achieved. Areas adjacent to the road may need more structural stabilization. 9/18/07</p>	<p>Needs regular attention</p> <p>Ruts have been stabilized with hay mulch</p>
Bridgeport	<p>Calcium chloride had been applied to exposed soils at the storage yard identified as being associated with the Glenbrook Cable project (at the intersection of Railroad and Myrtle Ave). The catch basin on the southern side of the road is protected with a silt sack. However, the catch basin on the northern side of the road (which receives the majority of run-off from the yard) was not protected. This is not covered under this D&M plan. 9/18 – 9/26/07</p> <p>A portion of the controls remains at vault #41. Area appears to be stable and controls are no longer necessary here. 9/18-9/26/07</p>	<p>Noted for the record since contractors stated the sediment is not related to this project. 9/26/07</p> <p>Remove remaining controls. 9/26/07</p>	<p>NA</p> <p>NA</p>

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Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	The yard had been recently watered down in an effort to control dust migration. 9/26/07	Continue to proactively reduce the potential for dust migration. 9/26/07	Dust control practices observed
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. 9/26/07	See erosion control section. 9/26/07	NA
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. 9/26/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage and Erosion Control sect2618/07	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. 9/26/07	See Erosion Control and Spills and Material Storage sections. 9/26/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 9/26/07	Most areas are temporarily stabilized. 9/268/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 9/26/07	See erosion control section. 9/26/07	NA
	Exposed soils were observed near sta.#695. 9/26/07	Contain exposed soils during active construction to prevent sediment migration. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 9/26/07	Needs attention
State species of concern, threatened and endangered	According to the D&M plan, state-listed species are not located in this	None	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
species.	work area.		
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Vegetation continues to establish in the hydroseeded areas at vault #36 and #37, and has reached 75% cover in some areas. 9/26/07	Continue to monitor until final stabilization is achieved. See erosion control section for more details on vault #37. 9/26/07	Grass cover is increasing.
	The area near Vault #28 remains covered with a hard pack that is resistant to erosion. 9/26/07	Continue to monitor and provide final stabilization if necessary. 9/26/07	NA
	Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 9/26/07	Vegetation should be restored as necessary upon completion of work in this area. 9/26/07	NA at this time
	Grass/vegetation continues to grow in the stabilized area between Broad and Main St. The area is approximately 70% vegetated. 9/26/07	Continue to monitor for acceptable vegetative cover. 9/26/07	Area is largely stable
	A portion of the trench work along Pequot Ave. has achieved final vegetative stabilization, while a portion remains un-vegetated but stable. 9/26/07	Permanently stabilize remaining exposed area when feasible. 9/26/07	NA at this time
	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). 9/26/07	Permanently stabilize soil as required by the D & M Plan as soon as feasible. 9/26/07	NA at this time
	A Private yard next to vault #28 has been stabilized with seed and hay mulch (noted 6/13). Vehicles are frequently noted parking on seeded areas. Approximately 70% vegetative growth	Continue to monitor to ensure adequate establishment of vegetation. 9/26/07	Continue to monitor until final stabilization is achieved

Areas of Inspection	Observation	Recommended Action	Corrected Action
	was noted. 9/26/07 One tree has been removed (In accordance with the D & M Plan) adjacent to vault #42 in preparation for trenching activities. 9/26/07	Vegetation should be restored as necessary upon completion of work in this area. 9/26/07	NA at this time
Dewatering	Dewatering activities were not observed during this week's inspection. 9/26/07	Continue to properly contain and/or filter discharge water when dewatering is required. 9/26/07	NA
Blasting	No blasting has been proposed. 9/26/07	None 9/26/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 9/26/07	Ensure that spill kits are also present with each vehicle during active construction 9/26/07	NA
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Portable sanitary facilities were located within 50-feet of the adjacent watercourse. 9/26/07	Portable sanitary facilities should be relocated to an area at least 100-feet from the watercourse if feasible 9/26/07	Needs attention
Additional Observations	None 9/26/07	None 9/26/07	NA

Next likely scheduled inspection:

Thursday October 4, 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, BSC Group

Reviewer: Lee Curtis, BSC Group



Both photographs were taken within the King's Highway lay-down yard. Left: Portable sanitary facilities were located within 50-feet of adjacent watercourse. Right: Yard was recently watered down to aid in reducing dust migration.



Ruts along the roadway in front of the Fairfield Inn have been stabilized with hay mulch.



Utility work near sta. #695 has left soils exposed. It is recommended that exposed soils be stabilized or contained to prevent sediment migration.