

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: November 8, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.44" of precipitation was reported since the previous inspection, with 0.34" of the total recorded on 11/6 (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. 11/08/07	See erosion control section for details on sediment tracking. 11/08/07	Not Applicable (NA)
Vault Openings and Trench Construction	Construction/trenching activities and/or steel road plates were observed at the time of the inspection at sta.: #459-462, #502-503, #564-565, #649-650, #662-664, #665-667, #675, #695, #712-714, #794-795, & #802-803. 11/08/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 11/08/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 11/08/07 Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 11/08/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/08/07 Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. 11/08/07	Most catch basins were protected. (proactively) NA

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Fairfield	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 11/08/07 Even though the area near vault #37 (Fairfield Inn) was vegetated and stable some minor ruts were noted. 11/08/07	Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 11/08/07 The area is stable. Ruts should be re-graded if feasible. 11/08/07	Needs regular attention Area is stable but ruts could be regarded.
Bridgeport	A large volume of soil was excavated and stockpiled near sta. #695 (vault #42) in preparation for removal/disposal. Sediment tracking was not an issue. 11/08/07 Minor tracking was observed along Railroad Ave. Hard pack remains in place along the shoulders but the area is becoming rutted with vehicle tracks. Tracking was not a major issue this week. 11/01-11/08/07	Minimize the volume of exposed soil. Remove and dispose excavated soil in a timely manner. Continue to monitor and provide final stabilization measures. 11/08/07 Re-grade shoulders and sweep roadway as necessary. Contractor plans to place gravel along the shoulders to reduce further impacts. Continue to use measures previously approved by the City of Bridgeport. 11/01-11/08/07	Needs attention within D&M time-frames. Needs attention.
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Minor tracking was observed at the entrance of the yard at the time of the inspection. Perimeter controls remain in place. Dust migration was not an issue. 11/08/07	Sweep the roadway as necessary. Continue to monitor and maintain controls as necessary. 11/08/07	Needs regular attention.
Bostwick Ave. Lay-down Yard	Minor tracking was observed at the entrance of the yard at the time of the inspection. Perimeter controls remain in place. Dust migration was not an issue. 11/08/07	Sweep the roadway as necessary. Continue to monitor and maintain controls as necessary. 11/08/07	Needs regular attention.
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.	See erosion control section. 11/08/07	NA

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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. 11/08/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage and Erosion Control sections. 11/08/07	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. 11/08/07	See Erosion Control and Spills and Material Storage sections. 11/08/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 11/08/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 11/08/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 11/08/07	Continue to monitor and maintain controls as necessary. 11/08/07	NA
	Hay mulch remains over the exposed soils near sta.#695. 11/08/07	Permanent restoration efforts required in this area. 9/26-11/08/07	Temporary stabilization efforts were noted.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 11/08/07	None. 11/08/07	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Vegetation continues to establish in the hydro-seeded areas at sta. #596 (vault #36). 11/08/07	Continue to monitor until final stabilization is achieved. 11/08/07	NA
	Soil/ hard pack remains exposed but contained near sta. #801 (vault #49). 11/08/07	Continue to monitor and provide final stabilization when feasible. 11/08/07	NA
	Two trees were removed near sta. #462 in accordance with the D&M Plan (3/27/07). One tree was removed near vault #42 (7/25/07). 11/08/07	Vegetation should be restored as necessary upon completion of work in these areas. 11/08/07	NA
	Grass/vegetation was	Permanently stabilize	Needs attention when

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	growing in the area between Main St. & Broad St. but vehicles are parking in this area and vegetation has not fully established. 11/01-11/08/07 Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 11/08/07 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 was noted. 11/08/07	exposed area when feasible. 11/08/07 Permanently stabilize remaining exposed areas when feasible. 11/08/07 Continue to monitor to ensure adequate establishment of vegetation (typically 75%). 11/08/07	feasible. NA NA
Dewatering	Dewatering activities were observed at sta. #794-795 during the inspection. A vac truck was in place. 11/08/07	Continue to properly contain and/or filter discharge water when dewatering is required. 11/08/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 11/08/07	Ensure that spill kits are also present with each vehicle during active construction 11/08/07	NA
Additional Observations	Catch basins near the storage yard at Railroad Ave. and Myrtle Ave., associated with the Glenbrook Cable project remain protected with silt sacks. Heavy sediment tracking was evident along the roadway. 11/08/07	Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. 11/08/07	NA

Next likely scheduled inspection: Thursday, November 15, 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: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Minor tracking was observed along Railroad Ave. Hard pack remains in place along the roadway shoulders but the area is becoming rutted. If necessary, evaluate solutions that are acceptable with the city. Tracking was not a major issue this week.



Active trenching and dewatering activities were on going at sta. #794-795.