

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: December 5, 2007

Inspector: Gregory Sommer & Margaret Washburn

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.63” of precipitation was reported since the previous inspection, with 0.49” of the total recorded on 12/03 (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. 12/05/07	See erosion control section for details on sediment tracking. 12/05/07	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.: #551-552, #563-564, #567-568, #649-650, #663-665, #695, #713-715, #728, #757-758, & #791-792. Work at #649-650 included sewer relocation. 12/05/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 12/05/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 12/05/07 Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 12/05/07 Any exposed soils have potential for airborne dust	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/05/07 Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 12/05/07 Prevent dust migration by regularly watering down	Most catch basins were protected. (proactively) Needs regular attention NA

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	migration. Contractors are aware of the potential. 12/05/07	exposed soils and sweeping immediately. If exposed soils are not to be worked within 21 days, they should be temporarily stabilized within 14 days of the last activity. 12/05/07	
Fairfield	Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 11/28/07	The remainder of the area is stable. Continue to monitor for further issues 11/28/07	NA at this time
Bridgeport	A large area of exposed soil is adjacent to the active work zone near sta. #649-650. Minor tracking was observed near the exit of the active work area. 11/21-12/05/07 Sewer relocation work continues here. 12/05/07	Sweep roadway. Stabilize exposed soils sufficiently for winter months as soon as active work is complete. 12/05/07	Needs attention.
	Reports have noted minor tracking observed along Railroad Ave off and on (since 11/01). The more specific location is between Hancock Ave. and Howard Ave. near sta. #735-742. The shoulders have either hard-pack or soil in place and areas with soil have more evidence of ruts and tracking. 12/05/07	Continue to sweep roadway as necessary. In areas with soil, crews plan to return to apply measures previously approved by the City of Bridgeport. In areas where hard-pack is also experiencing some ruts, crews plan to apply gravel as necessary. 12/05/07	Needs attention.
	Minor sediment tracking/migration was observed along the shoulder of the roadway near sta. #801-803 (vault #49) where soils were recently backfilled and remain exposed. 11/21-12/05/07	Sweep roadway, stabilize exposed soils with hay mulch and provide measures sufficient for winter months. See soils section for more details. 11/28-12/05/07	Needs attention.
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 12/05/07	Continue to monitor and maintain controls, sweep the roadway as necessary See spills/material storage section. 12/05/07	No issues but needs regular attention.
Bostwick Ave. Lay-	Perimeter controls remain	Continue to monitor and	Needs regular

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down Yard	in place. Neither sediment tracking nor dust migration were an issue this week. 12/05/07	maintain controls, sweep the roadway when necessary. 12/05/07	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. 12/05/07	See erosion control section. 12/05/07	NA
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave. contains trailers and parking. Reserve spill kits are located near the equipment trailers. 12/05/07	Ensure that spill kits are also present with each vehicle during active construction. 12/05/07	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. 12/05/07	See Erosion Control and Spills and Material Storage sections. 12/05/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 12/05/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 12/05/07	NA
	PCB-affected soil removal was observed at sta. #791-792. 12/05/07	Soils appeared to be handled appropriately with environmental oversight. 12/05/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 12/05/07	Continue to monitor and maintain controls as necessary. 12/05/07	NA
	Hay mulch previously applied to the exposed soils near sta.#695 no longer provides adequate coverage and needs to be refreshed. 11/15-12/05/07	Permanent restoration efforts are still required in this area. 9/26-12/05/07 Provide temporary stabilization to the area, sufficient for the winter months. 11/15-12/05/07	Needs attention
Topsoil has been placed near sta. #801-803 (vault #49) following backfill.	See erosion control section for more details. Provide temporary or	Needs attention within timelines.	

Areas of Inspection	Observation	Recommended Action	Corrected Action
	Soils remains exposed. 11/21-12/05/07	final stabilization within the approved timelines. 11/21-12/05/07	
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 12/05/07	None.	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Sidewalk has been recently installed near sta. #596-598. Topsoil has been spread in some areas but remains exposed. 11/21-12/05/07	Stabilize exposed soils sufficiently for winter months within the appropriate timelines. 12/05/07	Needs attention within timelines.
	Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 12/05/07	Permanently stabilize remaining exposed areas when feasible. 12/05/07	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). 12/05/07	Vegetation should be restored as necessary upon completion of work in these areas. 12/05/07	NA
	Grass/vegetation was growing in the area between Main St. & Broad St. but vehicles are parking in this area resulting in exposed soil. 11/01-12/05/07 However, the contractor has stated that vehicles belong to crews working on Singer Substation.	Since the area was restored with grass cover prior to contractors from Singer Sub. parking here, It is BSC's opinion that responsibility for final stabilization be given to those crews and it will be removed from this report. 11/28-12/05/07	Contractor stated that the parked vehicles are from crews not reviewed under this D&M Plan.
	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, however, area appears to be stabilized. 12/05/07	Area will be removed from the report as run-off or erosion issues have not been observed. 12/05/07	Area appears to be stabilized.
Dewatering	Dewatering activities were observed during the	Continue to properly contain and/or filter	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	inspection at sta. #728. 12/05/07	discharge water when dewatering is required. 12/05/07	
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 12/05/07 Debris was noted near the entrance to the Kings Highway laydown yard. 12/05/07	Ensure that spill kits are also present with each vehicle during active construction 12/05/07 Remove and dispose of debris for appearances. 12/05/07	NA Needs attention when feasible.
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. 11/21-12/05/07 Sediment tracking was observed in roadway near sta.#719-720, but did not appear to be related to this project. Other contractors were in the area. 12/05/07	Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. 12/05/07 Noted for the record. Roadway should be swept by responsible party. 12/05/07	NA NA

Next likely scheduled inspection: Wednesday, December 12, 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 & Margaret Washburn, BSC Group

Reviewer: Diana Walden, BSC Group



Perimeter controls remain in place at King's Highway lay down yard. Neither sediment tracking nor dust migration were issues this week. Some debris was observed near the yard entrance and should be removed for appearances.



Sewer relocation continues at stations #649-650.



Sediment tracking was observed along the roadway near sta. #719- 720. It does not appear to be related to project activities as other contractors were working in the area.



PCB-affected soil removal was in progress near sta. #791-792.