

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 12, 2007

Inspector: Gregory Sommer & Margaret Washburn

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.46" of precipitation was reported since the previous inspection, with 0.29" of the total recorded on 12/09 (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. 12/12/07	See erosion control section for details on sediment tracking. 12/12/07	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.:#478-479, #565-568, #649-650, #662-664, #711-715, #757-758, #774, #791-792, & #796-797. 12/12/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 12/12/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 12/12/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/12/07	Most catch basins were protected. (proactively)
	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 12/12/07	Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 12/12/07	Needs regular attention
	Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential.	Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>12/12/07</p> <p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 12/12/07</p>	<p>soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 12/12/07</p> <p>The remainder of the area is stable. Continue to monitor for further issues. 12/12/07</p>	<p>NA at this time.</p>
Bridgeport	<p>An area of exposed soil is adjacent to the work zone near sta. #649-650. Minor tracking was observed near the exit of the work area. 12/12/07</p> <p>Minor tracking was observed along Railroad Ave between Hancock Ave. and Howard Ave. near sta. #735-742. Hard pack remains in place along the shoulders from Bostwick Ave. to Howard Ave. but the area is becoming rutted. 11/01-12/12/07</p> <p>Minor sediment tracking/migration was observed along the shoulder of the roadway near sta. #801-803 (vault #49) 11/21-12/12/07</p>	<p>Sweep roadway. Contain work area and avoid traveling through the exposed soils. Stabilize sufficiently for winter months as soon as active work is complete. 12/12/07</p> <p>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. 12/12/07</p> <p>Sweep roadway, stabilize exposed soils with hay mulch and provide measures sufficient for winter months. See soils section for more details. 11/28-12/12/07</p>	<p>Needs attention.</p> <p>Needs attention.</p> <p>Needs attention.</p>
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	<p>Perimeter controls remain in place. Sediment tracking was observed at the entrance to the yard. 12/12/07</p>	<p>Continue to monitor and maintain controls, sweep the roadway as necessary See spills/material storage section. 12/12/07</p>	<p>Needs regular attention.</p>
Bostwick Ave. Lay-down Yard	<p>Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 12/12/07</p>	<p>Continue to monitor and maintain controls, sweep the roadway when necessary. 12/12/07</p>	<p>Needs regular attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 12/12/07	See erosion control section. 12/12/07	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. 12/12/07	Ensure that spill kits are also present with each vehicle during active construction. 12/12/07	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. 12/12/07	See Erosion Control and Spills and Material Storage sections. 12/12/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 12/12/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 12/12/07	NA
	The PCB-affected soil removal between sta. #791-792 appeared complete. 12/12/07	Soils appeared to be handled appropriately with environmental oversight. 12/12/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 12/12/07	Continue to monitor and maintain controls as necessary. 12/12/07	NA
	Hay mulch previously applied to the exposed soils near sta.#695 no longer provides adequate coverage and needs to be refreshed. 11/15-12/12/07	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. 11/15-12/12/07	Needs attention
Topsoil has been placed near sta. #801-803 (vault #49) following backfill. Soils remains exposed. 11/21-12/12/07	See erosion control section for more details. Provide temporary or final stabilization within the approved timelines. 11/21-12/12/07	Needs attention within timelines.	

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State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 12/12/07	None.	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Sidewalk has been recently installed near sta. #596-598. Topsoil has been spread in some areas but remains exposed. 11/21-12/12/07</p> <p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 12/12/07</p> <p>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). 12/12/07</p> <p>Vehicles parking on the grassed area between Main St. & Broad St. belong to crews working on Singer Substation. UI and associated contractors have agreed to provide restoration to this area when work is complete. 12/12/07</p>	<p>Stabilize exposed soils sufficiently for winter months within the appropriate timelines. 12/12/07</p> <p>Permanently stabilize remaining exposed areas when feasible. 12/12/07</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 12/12/07</p> <p>Responsibility for final stabilization was accepted by the UI crews (not covered under this report). 12/12/07</p>	<p>Needs attention within timelines.</p> <p>NA</p> <p>NA</p> <p>UI crews will be providing restoration here when their access needs are complete.</p>
Dewatering	Dewatering activities were observed during the inspection at sta. #711-715 and #796-797. 12/12/07	Continue to properly contain and/or filter discharge water when dewatering is required. 12/12/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 12/12/07</p> <p>Debris was noted near the entrance to the Kings Highway laydown yard. 12/5-12/12/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 12/12/07</p> <p>Remove and dispose of debris for appearances. 12/5-12/12/07</p>	<p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
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. 12/12/07	Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. The project team was recently notified. 12/12/07	The project team was recently notified.
	Heavy sediment accumulation was observed along the shoulders and median of Fairfield Ave. near sta. #696. The source of the sediment was apparently due to a house fire. 12/12/07	Noted for the record. 12/12/07	Not jurisdictional to this project.
	A gas main was being relocated near sta. #478-479 by Anthony Julian Railroad Construction Co. An adjacent catch basin did not appear to be protected. 12/12/07	If activities are associated with the M/N project, the catch basins should be protected to prevent sediment from entering the inlet. 12/12/07	Determine whether activities are related and covered under the D&M.

Next likely scheduled inspection: Thursday, December 20, 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



Gas main was being relocated near sta. #478-479 by Anthony Julian Railroad Construction Co. Catch basin did not appear to be protected.



Heavy sediment accumulation was observed along the shoulders and median of Fairfield Ave. near sta. #696. The source of the sediment was apparently due to a house fire.



Perimeter controls remain in place around the Kings Highway lay down yard. Sediment tracking was observed. Debris material was also observed near the yard entrance.



Trenching activities continue along Railroad Avenue near sta. #791-792.