

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 21, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.36" of precipitation was reported since the previous inspection, with 0.16" of the total recorded on 11/15 and 0.20" on 11/20. (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. 11/21/07	See erosion control section for details on sediment tracking. 11/21/07	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.: #564-565, #612, #649-651, & #795. The work area between sta #801-803 was recently backfilled. 11/21/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 11/21/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 11/21/07 Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 11/21/07 Any exposed soils have potential for airborne dust migration. Contractors are	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/21/07 Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 11/21/07 Prevent dust migration by regularly watering down exposed soils and sweeping	Most catch basins were protected. (proactively) Needs regular attention NA.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>aware of the potential. 11/21/07</p>	<p>immediately. If exposed soils are not to be worked within 21 days, they should be temporarily stabilized within 14 days of the last activity. 11/21/07</p>	
Fairfield	<p>A large 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. 11/21/07</p>	<p>Sweep roadway. Contain work area and avoid traveling through the areas of exposed soils. 11/21/07</p>	Needs attention.
Bridgeport	<p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 11/21/07</p>	<p>The remainder of the area is stable. Continue to monitor for further issues. 11/21/07</p>	NA at this time.
	<p>Hard pack remains in place along the shoulders but the area is becoming rutted and leading to minor sediment tracking some weeks. (noted since 11/01) Tracking was not an issue this week. 11/21/07</p>	<p>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. 11/01-11/21/07</p>	Needs proactive attention.
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	<p>Minor sediment tracking (and potential for run-off) was observed along the shoulder of the roadway near sta. #801-803 (vault #49) where soils were recently backfilled and remain exposed. 11/21/07</p>	<p>Sweep roadway, stabilize exposed soils with hay mulch and provide restoration as soon as feasible. See soils section for more details. 11/21/07</p>	Needs attention.
Bostwick Ave. Lay-down Yard	<p>Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week. 11/21/07</p>	<p>Continue to monitor and maintain controls and sweep the roadway as necessary. 11/21/07</p>	No issues but needs regular attention.
	<p>Perimeter controls remain in place. Neither sediment tracking nor dust migration were an issue this week 11/21/07</p>	<p>Continue to monitor and maintain controls and sweep the roadway as necessary 11/21/07</p>	No issues but needs regular attention.

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. 11/21/07	See erosion control section. 11/21/07	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. 11/21/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage and Erosion Control sections. 11/21/07	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. 11/21/07	See Erosion Control and Spills and Material Storage sections. 11/21/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 11/21/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 11/21/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 11/21/07	Continue to monitor and maintain controls as necessary. 11/21/07	NA
	Hay mulch previously applied to the exposed soils near sta.#695 no longer provides adequate coverage and needs to be refreshed. 11/15-11/21/07	Permanent restoration efforts are still required in this area. 9/26-11/15/07 Temporarily stabilize the area with hay mulch. 11/15-11/21/07	Needs attention.
	Topsoil has been placed near sta. #801-803 (vault #49) following backfill. Soils remains exposed. 11/21/07	See erosion control section for more details. Provide temporary or final stabilization within the approved timelines. 11/21/07	Needs attention within timelines.
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 11/21/07	None. 11/21/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Sidewalk has been recently installed near sta. #596 (vault #36). Topsoil has been spread but remains exposed. 11/21/07</p> <p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 11/21/07</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). 11/21/07</p> <p>Grass/vegetation was growing in the area between Main St. & Broad St. but vehicles are parking in this area resulting in exposed soil. 11/01-11/21/07</p> <p>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. 11/21/07</p>	<p>Stabilize exposed soils and landscaping efforts appropriately and continue to monitor until final stabilization is achieved. 11/21/07</p> <p>Permanently stabilize remaining exposed areas when feasible. 11/21/07</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 11/21/07</p> <p>Permanently stabilize exposed area when feasible. 11/21/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation (typically 75%). 11/21/07</p>	<p>Needs attention within timelines.</p> <p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>NA</p>
<p>Dewatering</p>	<p>Dewatering activities were not observed during the inspection. 11/21/07</p>	<p>Continue to properly contain and/or filter discharge water when dewatering is required. 11/21/07</p>	<p>NA</p>
<p>Spills and Material Storage</p>	<p>Spill cleanup materials/kits were observed in the storage yards. 11/21/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 11/21/07</p>	<p>NA</p>
<p>Additional Observations</p>	<p>Catch basins near the storage yard at Railroad Ave. and Myrtle Ave., associated with</p>	<p>Noted for the record since a portion of the project route overlaps</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	the Glenbrook Cable project remain protected with silt sacks. Heavy sediment tracking was evident along the roadway. 11/21/07	this area. This yard is not jurisdictional to the M/N project. 11/21/07	

Next likely scheduled inspection: Wednesday, November 28, 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



Permanent restoration work is underway near sta. #596 (vault #36) as a new sidewalk has been installed. Ensure that any landscaped areas are appropriately stabilized.



A large area of exposed soil is adjacent to the work area near sta. #649-650. Minor tracking was observed at the entrance/exit of the work area.



Area between sta. #801-803 has been backfilled. Exposed soils need to be stabilized. Minor sediment tracking was observed along the shoulder of the roadway.



The area between Broad Street and Main Street was previously stabilized and vegetation had started to germinate but vehicles continue to park in this area, resulting in bare soil. Tracking was not observed.