

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 1, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.12" of precipitation was reported since the previous inspection, with the total 0.12" recorded on 10/25 (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. 11/01/07	See erosion control section for details on sediment tracking. 11/01/07	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.: #455-460, #501-502, #563-566, #649-650, #662-664, #666-668, #679, #712-714, #750, #772-774, & #794-795. 11/01/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 11/01/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 11/01/07  Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 11/01/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 11/01/07  Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 11/01/07	Most catch basins were protected. (proactively)  NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 11/01/07	Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 11/01/07	Needs regular attention
Bridgeport	Silt fence has been removed from the area near vault #37 (Fairfield Inn) and it is approximately 90% vegetated. 11/01/07	The area should be considered stabilized and removed from the report as 75% cover is typically considered the target. 11/01/07	Area is stable.
	Heavy sediment accumulation was previously observed near sta. #695 (vault #42) along the shoulder and sidewalk areas. The accumulation was attributable to the repair of a gas line that the contractor ruptured during construction. The area was swept and sediment was removed. 11/01/07	Continue to monitor and provide final stabilization measures at the vault as well. 11/01/07	The area was swept and sediment was removed.
	Minor tracking was observed along Railroad Ave. Hard pack remains in place along the shoulders but the area is becoming rutted and the material is being tracked. 11/01/07	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. 11/01/07	Needs attention.
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Perimeter controls remain in place at the yard. Dust migration and tracking were not an issue. 11/01/07	Continue to monitor and maintain controls as necessary. 11/01/07	NA
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. 11/01/07	See erosion control section. 11/01/07	NA
Staging, Storage, and Parking Areas	A contractor storage yard on Bostwick Ave.	Ensure that spill kits are also present with each	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>contains frac tanks, trailers, and parking. Reserve spill kits are located near the equipment trailers. 11/01/07</p> <p>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. 11/01/07</p>	<p>vehicle during active construction, see Spills and Material Storage and Erosion Control sections. 11/01/07</p> <p>See Erosion Control and Spills and Material Storage sections. 11/01/07</p>	NA
Soils	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 11/01/07</p> <p>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 11/01/07</p> <p>Hay mulch remains over the exposed soils near sta.#695. 11/01/07</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 11/01/07</p> <p>Continue to monitor and maintain controls as necessary. 11/01/07</p> <p>Permanent restoration efforts required in this area. 9/26-11/01/07</p>	<p>NA</p> <p>NA</p> <p>Temporary stabilization efforts were noted.</p>
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 11/01/07	None. 11/01/07	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Vegetation continues to establish in the hydro-seeded areas at sta. #596 (vault #36). 11/01/07</p> <p>Soil/ hard pack remains exposed but contained near sta. #801 (vault #49). 11/01/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&amp;M Plan (3/27/07). One tree was removed near vault #42 (7/25/07). 11/01/07</p> <p>Grass/vegetation was growing in the area between Main St. &amp; Broad St. but vehicles are</p>	<p>Continue to monitor until final stabilization is achieved. 11/01/07</p> <p>Continue to monitor and provide final stabilization when feasible. 11/01/07</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 11/01/07</p> <p>Permanently stabilize exposed area when feasible. 11/01/07</p>	<p>NA</p> <p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>parking in this area and vegetation has not fully established. 11/01/07</p> <p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 11/01/07</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. 11/01/07</p>	<p>Permanently stabilize remaining exposed areas when feasible. 11/01/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation (typically 75%). 11/01/07</p>	<p>NA</p> <p>NA</p>
Dewatering	Dewatering activities were not observed during the inspection. 11/01/07	Continue to properly contain and/or filter discharge water when dewatering is required. 11/01/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 11/01/07	Ensure that spill kits are also present with each vehicle during active construction 11/01/07	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. Minor sediment tracking was evident along the roadway. 11/01/07	Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. 11/01/07	NA

Next likely scheduled inspection: Thursday, November 8, 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



Heavy sediment accumulation was previously observed near sta. #695 (vault #42) along the shoulder and sidewalk areas (see top photos – taken 10/25/07). The sediment accumulation was attributable to repair of a natural gas line that the contractor ruptured on 10/25/07. The roadway has since been swept and the accumulated sediment has been removed (bottom photo).