

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: October 11, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.56" of precipitation was reported since the previous inspection, with the majority of the total falling on 10/09 and 10/10 (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. 10/11/07	See erosion control section. 10/11/07	Not Applicable (NA)
Vault Openings and Trench Construction Bridgeport	Construction/trenching activities and/or steel road plates were observed at the time of the inspection at sta.: #561-563, #581, #596, #651-653, #662, #667, #671, #681, #682, #695, #759, #771, and #790. 10/11/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 10/11/07	NA
Fairfield	Construction/trenching activities and/or steel road plates were observed at the time of the inspection at sta.: #461-#464, and #494. 10/11/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 10/04/07	NA
Erosion and Sediment Controls All active areas	Filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 10/11/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 10/11/07	Most catch basins were protected. (proactively)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 10/11/07</p>	<p>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. 10/11/07</p>	<p>NA</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 10/11/07</p>	<p>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 10/11/07</p>	<p>Needs regular attention</p>
Bridgeport	<p>A small portion of soil remains exposed as a result of silt fence removal at vault #37 (near Fairfield Inn). 8/21-9/26/07. The vehicle ruts in the grass along the roadway shoulder remain temporarily stabilized with mulch. 10/11/07</p>	<p>Stabilize any remaining exposed soils with seed and mulch to prevent sediment migration. Continue to monitor until final stabilization is achieved. Areas adjacent to the road may need more structural stabilization. 10/11/07</p>	<p>NA</p>
	<p>The downgradient catch basins near the storage yard at Railroad Ave. and Myrtle Ave., associated with the Glenbrook Cable project remain protected with silt sacks. The road appeared to have been recently swept, but wet conditions reduced the effectiveness of the sediment removal. 10/11/07</p> <p>Accumulated sediment was observed along the roadway near sta. #790. During last week's inspection, runoff was being generated from the vault work, but the source of the sediment was unclear. The down gradient catch basin was not protected with controls. 10/11/07</p>	<p>Noted for the record since a portion of the project route overlaps this area. This yard is not jurisdictional to the M/N project. 10/11/07</p> <p>Sweep roadway as necessary, catch basin should be protected with a gutter buddy (or similar) to prevent sediment from entering basin. Runoff or dewatering from future vault work activities should be contained. 10/11/07</p>	<p>NA</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	Area near sta. #680 (vault #41) appears to be stable. Erosion controls have been removed from the area. 10/11/07	None at this time. 10/11/07	Erosion controls have been removed from the area.
	No issues were observed at the yard at the time of the inspection. 10/11/07	Continue to monitor and maintain controls as necessary. 10/11/07	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. 10/11/07	See erosion control section. 10/11/07	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. 10/11/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage and Erosion Control sections. 10/11/07	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. 10/11/07	See Erosion Control and Spills and Material Storage sections. 10/11/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 10/11/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 10/11/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 10/11/07	Continue to monitor and maintain controls as necessary. 10/11/07	NA
	Exposed soils were observed near sta.#695. since 9/26. Permanent restoration was ongoing at the time of the inspection. 10/11/07	If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 9/26-10/11/07	Permanent restoration was ongoing at the time of the inspection.
State species of concern, threatened	According to the D&M plan, state-listed species	None	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
and endangered species.	are not located in this work area.		
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) and sta. #612 (vault #37), and has reached 75% cover in some areas. 10/11/07</p> <p>Soil/ hard pack remains exposed but contained near sta. #471 (vault #28), sta. #680 (vault #41), & sta. #801 (vault #49). 10/11/07</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). 10/11/07</p> <p>Grass/vegetation was growing in the area between Main St. & Broad St. but vehicles are now parking in this area and vegetation has not fully established. 10/11/07</p> <p>A portion of the trench work along Pequot Ave. has achieved final vegetative stabilization, while a portion remains un-vegetated but stable. 10/11/07</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. 10/11/07</p>	<p>Continue to monitor until final stabilization is achieved. See erosion control section for more details on vault #37. 10/11/07</p> <p>Continue to monitor and provide final stabilization when feasible. 10/11/07</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 10/11/07</p> <p>Permanently stabilize exposed area when feasible. 10/11/07</p> <p>Permanently stabilize remaining exposed area when feasible. 10/11/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 10/11/07</p>	<p>Grass cover is increasing.</p> <p>NA</p> <p>NA</p> <p>Needs attention when feasible.</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Dewatering	Dewatering activities appeared to be properly conducted near sta. #771 during the inspection. A vac truck was on site. 10/11/07	Continue to properly contain and/or filter discharge water when dewatering is required. 10/11/07	NA
Blasting	No blasting has been proposed. 10/11/07	None 10/11/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 10/11/07 The small concrete washout area observed last week near the trench work at sta. #771-#772 was properly cleaned-up and disposed of. 10/11/07	Ensure that spill kits are also present with each vehicle during active construction 10/11/07 Continue to provide designated containment for future concrete washouts. 10/04/07	NA Concrete washout was properly cleaned-up and disposed of.
Additional Observations	None 10/11/07	None 10/11/07	NA

Next likely scheduled inspection: Thursday October 18, 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



Restoration work is occurring near sta. #759.



The small concrete washout previously observed near sta. #771-#772 has been cleaned-up and properly disposed of. Trench work continues in this area.



Accumulated sediment was observed along the roadway near sta. #790. During last week's inspection runoff was being generated from the vault work, but the source of the sediment was unclear. The downgradient catch basin was not protected with controls.



The downgradient catch basins near the storage yard at Railroad Ave. and Myrtle Ave., associated with the Glenbrook Cable project remain protected with silt sacks. (This area is not related to the M/N project but is located along a portion of the route.)