

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 31, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 1.77" of precipitation was reported since the previous inspection, with 0.47" of the total recorded on 12/23 and 0.65" on 12/29 (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. 12/31/07	See erosion control section for details on sediment tracking. 12/31/07	Not Applicable (NA)
Vault Openings and Trench Construction	Many activities were on hold for the two-week holiday break. Active work zones near sta. #649-650, #695, and near vaults #46 and 47 were secured over the break. 12/31/07	When work returns, continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 12/31/07	NA
Erosion and Sediment Controls All active areas	Controls had to be removed from catch basins on Rt 1 per request of ConnDOT (noted 12/21) to improve drainage during winter conditions. 12/31/07 Elsewhere on the project route, filter fabric or filter socks are installed in most catch basins adjacent to the construction activities. 12/31/07 Slurry from saw cutting activities has the potential	Since controls are not allowed in the catch basins on this roadway, attend to all sediment at the source and stabilize exposed soils as quickly as possible. 12/31/07 Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 12/31/07 Prevent slurry from entering catch basins and sensitive	Needs regular attention. Most catch basins were protected. (proactively) No issues noted but needs regular

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Fairfield	<p>to enter catch basins. Issues were not observed this week (no active trenching). 12/31/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 12/31/07</p> <p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 12/31/07</p>	<p>areas by quickly attending to it as it is generated during cutting. 12/31/07</p> <p>Prevent dust migration by regularly watering down exposed soils and sweeping immediately. If exposed soils are not to be worked within 21 days, they should be stabilized within 7 days of the last activity. 12/31/07</p> <p>The remainder of the area is stable. Continue to monitor for further issues. 12/31/07</p>	<p>attention.</p> <p>NA</p> <p>NA at this time.</p>
Bridgeport	<p>An area of exposed soil is adjacent to the work zone near sta. #649-650. Tracking was not observed this week but remains a potential issue. A temporary sidewalk is in place. 12/31/07</p> <p>Minor tracking continues from off-road/shoulder areas along Railroad Ave. Contractors have placed compacted gravel to address the issue. 12/31/07</p> <p>Minor sediment tracking/migration continues along the shoulder of the roadway near sta. #801-803 (vault #49). 11/21-12/31/07</p>	<p>Continue to contain work area and avoid traveling through the exposed soils. Stabilize sufficiently for winter months as soon as active work is complete. 12/31/07</p> <p>Continue to sweep roadway where needed. Continue to monitor so crews can address specific problem areas as they arise. 12/31/07</p> <p>Sweep roadway when needed. Provide temporary stabilization when feasible. Continue to monitor area. 12/31/07</p>	<p>Tracking was not observed this week. Needs attention when active work is complete.</p> <p>Continue to monitor.</p> <p>Needs attention.</p>
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	<p>Perimeter controls remain in place. In past weeks, minor sediment tracking was observed near the entrance to the yard. Stone previously spread throughout the yard has been plowed into piles adjacent to the perimeter controls during snow</p>	<p>Continue to monitor and maintain controls and sweep the roadway as necessary. Re-spread the crushed stone throughout the yard to reduce the potential for tracking and to limit the amount of material piled near controls. 12/31/07</p>	<p>Needs attention when feasible.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	removal activities. 12/31/07		
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. 12/31/07	See erosion control section. 12/31/07	NA
Staging, Storage, and Parking Areas	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. 12/31/07	See Erosion Control and Spills and Material Storage sections. 12/31/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 12/31/07 A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 12/31/07 An area of exposed soil remains near #695 but appears contained. Contractors plan to pave the area in the spring. No tracking or issues were noted. 12/31/07 Soils near sta. #801-803 (vault #49) have hard pack in place but remain somewhat exposed with the potential for sedimentation. 12/31/07	Most areas are temporarily stabilized. Soils appear to be handled appropriately. 12/31/07 Continue to monitor and maintain controls as necessary. 12/31/07 Permanent restoration efforts are still planned in this area. Provide temporary or final stabilization within the approved timelines. 12/31/07 See erosion control section for more details. Provide temporary or final stabilization within the approved timelines. 11/21-12/31/07	NA NA No issues noted but needs attention within timelines. 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. 12/31/07	None.	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Sidewalk is in place near sta. #596-598. Topsoil has been spread in some areas but remains exposed. 11/21-12/31/07	Stabilize exposed soils sufficiently for winter months within the appropriate timelines. Area is at 21 days but	Needs to be monitored and needs attention when thaw occurs.

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	<p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 12/31/07</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). 12/31/07</p> <p>Equipment and materials belonging to crews working on Singer Substation were being stored between Main St. & Broad St. during the break. There is no sediment tracking at this time. 12/31/07</p>	<p>now has snow cover. 12/31/07</p> <p>Permanently stabilize remaining exposed areas when feasible. 12/31/07</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 12/31/07</p> <p>UI and associated contractors have agreed to provide restoration to this area when work is complete. (not covered under this report). 12/31/07</p>	<p>NA</p> <p>NA</p> <p>UI crews will be providing restoration here when their access needs are complete.</p>
Dewatering	No dewatering activities were observed at the time of the inspection. 12/31/07	Continue to properly contain and/or filter discharge water when dewatering is required. 12/31/07	NA
Spills and Material Storage	<p>Spill cleanup materials/kits were observed in the storage yards. 12/31/07</p> <p>Minor amounts of debris were noted near the entrance to the Kings Highway laydown yard. 12/5-12/31/07</p>	<p>Ensure that spill kits are also present with each vehicle during active construction 12/31/07</p> <p>Remove and dispose of debris for appearances. 12/5-12/31/07</p>	<p>NA</p> <p>Needs attention when feasible.</p>
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. Sediment tracking appears to have been actively cleaned up or washed away by recent snow. 12/31/07	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. 12/31/07	Not jurisdictional to this project.

**Next likely scheduled
inspection:**

Thursday, January 10, 2008

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



Exposed soil along the shoulder near sta. #801-803 continues to migrate into the roadway.



Contractors from Singer Substation project continue to store materials and equipment in the area between Broad St. and Main St. Neither tracking, nor ruts were issues here. They have stated they will be responsible for final restoration here when their access needs are complete.



Perimeter controls remain in place around the Kings Highway laydown yard. Sediment tracking was not an issue as the work has shut down for a 2-week holiday break. Crushed stone which was previously spread throughout the yard has been plowed to the perimeter controls during snow removal activities and should be re-spread.