

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: January 24, 2008

Inspector: Gregory Sommer

Location: Westport Avenue to the Norwalk Substation in the City of Norwalk

Rain Event: 0.34" of precipitation was reported since the previous inspection, all of which was recorded on 1/18 (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	<p>All work is within or adjacent to existing paved roadways at this time. 1/24/08</p> <p>Sediment tracking was not observed in the area of vault 29 this week. 1/24/08</p>	<p>See erosion control section for details on sediment tracking. 1/24/08</p> <p>None. 1/24/08</p>	<p>Not Applicable (NA)</p> <p>NA</p>
Vault Openings and Trench Construction	<p>Trenching activities and/or steel road plates were observed at the time of the inspection near sta. #432-433, #461-464, #494-495, #503-505, #565-566, #788-792, and vault #41. 1/24/08</p>	<p>Continue to monitor areas. Mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 1/24/08</p>	<p>Needs regular attention.</p>
Erosion and Sediment Controls All active areas	<p>Controls had to be removed from catch basins on Rt 1 per request of ConnDOT to improve drainage during winter conditions. 1/24/08</p> <p>On non-state routes, filter fabric or filter socks are installed in most catch basins adjacent to the</p>	<p>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. 1/24/08</p> <p>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to</p>	<p>Needs regular attention.</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Fairfield	<p>construction activities. 1/24/08</p>	<p>prevent sediment from entering basin. 1/24/08</p>	<p>No issues noted but needs regular attention.</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins. 1/24/08</p>	<p>Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated during cutting. 1/24/08</p>	
	<p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. 1/24/08</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. 1/24/08</p>	<p>NA</p>
	<p>Rutting and sediment tracking were previously observed at sta. # 462-464. The area was inactive and secured at the time of this week's inspection. Spilled slurry material appears to have been properly removed and sediment tracking was not an issue. 1/24/08</p>	<p>Continue to sweep roadways before the end of a work day as necessary to minimize tracking. 1/24/08</p>	<p>Spilled slurry material appears to have been properly removed.</p>
	<p>Minor ruts in the area near vault #37 (Fairfield Inn) remain stabilized with hay mulch. 1/24/08</p>	<p>The remainder of the area is stable. Continue to monitor for further issues. 1/24/08</p>	<p>NA at this time.</p>
Bridgeport	<p>At sta. #503-504, soils remain exposed for active work. Silt fence around a soil stockpile has partially collapsed. 1/18-1/24/08 Some sediment was noted on the roadway this week. 1/24/08</p>	<p>Ensure soils are contained to the work area and repair the silt fence at the stockpile. See soils section for more details. 1/18-1/24/08</p>	<p>Needs attention</p>
	<p>At sta. #535-536, some sediment tracking and run-off was noted on the roadway. 1/24/08</p>	<p>Sweep sediment and attend to run-off generated by active work before the end of each work day 1/24/08</p>	<p>Needs attention</p>
	<p>An area of exposed soil is adjacent to the work zone near sta. #649-650.</p>	<p>Continue to contain work area and avoid traveling through the exposed</p>	<p>Continue to monitor.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)</p>	<p>Tracking was not observed this week but remains a potential issue. A temporary sidewalk is in place. 1/24/08</p> <p>Minor tracking continues from off-road/shoulder areas along Railroad Ave. Contractors continue to place compacted gravel to address the issue. 1/24/08</p> <p>Perimeter controls remain in place. 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 removal activities. 12/31-1/24/08</p>	<p>soils. Stabilize sufficiently for winter months as soon as active work is complete. 1/24/08</p> <p>Continue to sweep roadway where needed. Continue to monitor so crews can address specific problem areas as they arise. 1/24/08</p> <p>Continue to monitor and maintain controls and sweep the roadway as necessary. Spread the crushed stone throughout the yard to reduce the potential for tracking and to limit the amount of material piled near controls. 12/31-1/24/08</p>	<p>Continue to monitor</p> <p>Needs attention when feasible.</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. 1/24/08</p>	<p>See erosion control section. 1/24/08</p>	<p>NA</p>
<p>Staging, Storage, and Parking Areas</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. 1/24/08</p>	<p>See Erosion Control and Spills and Material Storage sections. 1/24/08</p>	<p>NA</p>
<p>Soils</p>	<p>Soils are exposed as part of the excavation for trench, vault, and utility work. 1/24/08</p> <p>A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 1/24/08</p> <p>At sta. #503-504, crews have removed a portion of a stone wall (as per the D&M) and has stockpiled</p>	<p>Most areas are temporarily stabilized. Soils appear to be handled appropriately. 1/24/08</p> <p>Continue to monitor and maintain controls as necessary. 1/24/08</p> <p>Repair the silt fence around the soil stockpile. Temporarily stabilized exposed soil when active</p>	<p>NA</p> <p>NA</p> <p>Needs attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>the stones. Silt fence around a soil stockpile has partially collapsed. 1/18-1/24/08</p> <p>An area of exposed soil remains near #695. Contractors plan to pave the area in the spring. No tracking or issues were noted. 1/24/08</p>	<p>work is complete. Ensure the area is contained. 1/24/08</p> <p>Continue to monitor. Provide temporary or final stabilization within the approved timelines. 1/24/08</p>	<p>Needs attention within timelines.</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 1/24/08</p>	<p>None.</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>Sidewalk has been recently installed near sta. #596-598. Topsoil has been spread in some areas but remains exposed. 11/21/07-1/24/08</p> <p>Some portions of the trench work along Pequot Ave. remain un-vegetated but stable. 1/24/08</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). 1/24/08</p> <p>A stone wall, a fence and some shrubs had been removed from the work area at sta #503 per the D&M plan. Stones from the wall were stockpiled in the homeowner's yard. 1/24/08</p>	<p>Stabilize exposed soils sufficiently for winter months within the appropriate timelines. Area has passed 21 days but now has snow cover. 1/24/08</p> <p>Permanently stabilize remaining exposed areas when feasible. 1/24/08</p> <p>Vegetation should be restored as necessary upon completion of work in these areas. 1/24/08</p> <p>When work is complete, the stone wall will be restored per the D&M plan. 1/24/08</p>	<p>Needs to be monitored and needs attention when thaw occurs.</p> <p>NA</p> <p>NA</p> <p>NA at this time.</p>
<p>Dewatering</p>	<p>Electrical crews were dewatering stormwater from contained vault #41. 1/24/08</p>	<p>Continue to properly contain and/or filter discharge water when dewatering is required. 1/24/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	The sediment and slurry previously noted near dewatering activities at #462-464 was no longer observed and work had moved on from the area 1/24/08	None. 1/24/08	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 1/24/08	Ensure that spill kits are also present with each vehicle during active construction 1/24/08	NA
Additional Observations	None. 1/24/08	None.1/24/08	NA

Next likely scheduled inspection: Thursday, January 31, 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



Trenching activities continue along Pequot Avenue near sta #494-495.



Trenching activities continue at stations #503-504, a portion of a stone wall has been removed. The stones have been placed in the adjacent homeowner's back yard until the wall can be restored.



Trenching and backfill operations continue at sta. #535-536. Sediment tracking and some run-off was observed along the roadway.



Concrete washouts were being performed properly in a contained area.