

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: July 13, 2007

Inspector: Gregory Sommer

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: 0.28" of precipitation was reported since the previous inspection, with 0.14" of precipitation recorded on both 7/6 and 7/11. (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. 7/13/07</p> <p>The dusty conditions at Pequot Ave. last week were not observed at this inspection. 7/5/07</p>	<p>See erosion control section. 7/13/07</p> <p>Continue to sweep roadways on a regular basis or as needed. 7/13/07</p>	<p>Not Applicable (NA)</p> <p>No issues noted.</p>
Vault Openings and Trench Construction Bridgeport	<p>Construction/trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #681 to #683, and #699. Saw-cutting had recently occurred at sta. #672-674. 7/13/07</p>	<p>Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 7/13/07</p>	<p>Catch basins are protected (proactively)</p>
Fairfield	<p>Construction trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #537 to #540, and #579 to #583. 7/13/07</p> <p>Work at vault #36 appears complete as the area was backfilled and graded. 7/13/07</p>	<p>Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 7/13/07</p> <p>See vegetation clearing/stabilization section. 7/13/07</p>	<p>Catch basins are protected (proactively)</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Erosion and Sediment Controls All active areas</p> <p>Fairfield</p> <p>Bridgeport</p>	<p>Filter fabric or filter socks are installed in catch basins adjacent the construction activities. 7/13/07</p> <p>Any exposed soils have potential for airborne dust migration. Contractors are aware of the potential. Problems with dust were not observed this week. 7/13/07</p> <p>Exposed soil near vault #37 has been graded with topsoil and is awaiting seed and mulch. Silt fence remains. 6/29 – 7/13/07 Exposed soil near vault #36 has been graded and also needs seed and mulch. 7/13/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. Minor amounts of dried slurry/dust from saw-cutting activities was noted along the roadway between sta. #672 to #674. 7/13/07</p> <p>Sediment tracking is regularly observed at the Railroad and Myrtle Ave. intersection and catch basins in the area are overwhelmed by continued accumulation. Sediment is originating from a stockpile yard identified as being associated with the Glenbrook Cable project. This is not covered under this D&M plan. Significant tracking was</p>	<p>Continue place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 7/13/07</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. 7/13/07</p> <p>Continue to stabilize both areas of exposed soil as soon as feasible to prevent erosion. 7/13/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 7/13/07</p> <p>Noted for the record since contractors stated the sediment is not related to this project. 7/13/07</p>	<p>Catch basins were protected. (Proactively)</p> <p>Needs regular attention.</p> <p>Needs attention when feasible.</p> <p>NA</p> <p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	noted this week; catch basins remain overwhelmed. 7/13/07 Perimeter erosion controls remain in place at the yard. 7/13/07	Continue to monitor and maintain the perimeter silt fence as necessary. 7/13/07	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. 7/13/07	See erosion control section. 7/13/07	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. 7/13/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 7/13/07	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. 7/13/07	See erosion control section. 7/13/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 7/13/07	Most areas are temporarily stabilized. 7/13/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 7/13/07	See erosion control section. 7/13/07	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area.	None	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	Work appears to be complete at vault #36 and #37. Soils remain exposed and are waiting to be seeded and mulched. 7/13/07	Stabilize/restore area when appropriate. 7/13/07	Needs attention now that work is complete.

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	<p>The area near Vault #28 has been covered with a hard pack that is resistant to erosion. 7/13/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 7/13/07</p> <p>Grass/vegetation continues to grow in the stabilized area between Broad and Main St. The area is approximately 75% vegetated. 7/13/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains un-vegetated but stable. 7/13/07</p> <p>Soil/process remains exposed but contained at vault #41, Vault #49 remains bare but has been covered with a hard pack that is resistant to erosion.(noted 6/6) 7/13/07</p> <p>A Private yard next to vault #28 has been stabilized with seed and hay mulch (noted 6/13) Some minor vegetative growth was noted. 7/13/07</p>	<p>Continue to monitor and provide final stabilization if necessary. 7/13/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 7/13/07</p> <p>Continue to monitor for acceptable vegetative cover. 7/13/07</p> <p>Permanently stabilize remaining exposed area when feasible. 7/13/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 7/13/07</p> <p>Continue to monitor to ensure adequate establishment of vegetation. 7/13/07</p>	<p>NA.</p> <p>NA at this time.</p> <p>Area is largely stable.</p> <p>NA at this time.</p> <p>NA at this time.</p> <p>Minor grass growth noted.</p>
Dewatering	Dewatering activities were not observed during this week's inspection. 7/13/07	When dewatering is necessary continue to appropriately contain and/or filter discharge water. 7/13/07	NA
Blasting	No blasting has been proposed. 7/13/07	None 7/13/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yards. 7/13/07	Ensure that spill kits are also present with each vehicle during active construction 7/13/07	NA
King's Highway lay-down yard	Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. 7/13/07 Concrete slurry/ wash-out was now noted in several uncontained locations around the yard near material stockpiles. 7/13/07	Continue to monitor. Good proactive controls are being used even though leaks were not observed. 7/13/07 Any future washout or slurry should be properly contained in a designated area on site. Deposited material should be properly disposed of. 7/13/07	NA Needs attention
Additional Observations	None 7/13/07	None 7/13/07	NA

Next likely scheduled inspection: Thursday July 19, 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 Inspectors: Gregory Sommer, BSC Group

Reviewers: Diana Walden and Katie Bednaz, BSC Group



Vault #36 has been backfilled and requires seed and mulch for final restoration. Silt fence remains along the downgradient side of most of the work area.



Saw cutting was recently performed near sta. #672 to #674 and some of the dried slurry/dust remains along the roadway. Prevent slurry from entering catch basins and sensitive areas by quickly attending to it as it is generated. Sweep as needed.



Sediment tracking continues from a storage yard not associated with this project near the intersection of Railroad Ave. and Myrtle Ave.



The area between Main Street and Broad Street is becoming increasingly stable. Vegetation is covering approximately 75% of the area.



All three photos on this page show the King's Highway lay-down yard where concrete wash-out appears to have been deposited in several locations, near gravel and other material stockpiles. Concrete washouts remain within the yard but should be performed in a contained/designated area to minimize unnecessary impacts. Concrete slurry should be removed and properly disposed of.