

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 19, 2007 (evening inspection)

Inspector: Katie Bednaz

Location: Singer Substation to Fairfield/Westport Town Line

Rain Event: No precipitation was reported since the previous inspection and no data was recorded for 7/18 and 7/19. Norwalk experienced showers during this week's inspection. (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. 7/19/07 Crews were noted proactively sweeping sediment resulting from trenching activities from the roadway back into the trench. 7/19/07	See erosion control section. 7/19/07 Continue to keep up with sediment production during active work. Good efforts were noted. 7/19/07	Not Applicable (NA) Crews were proactively sweeping sediment.
Vault Openings and Trench Construction Bridgeport	Construction/trenching activities were ongoing at sta. #661 to #663, #682 to #685, and at #697 to #700. 7/19/07	Continue to monitor and be proactive. Continue to mulch/ temporarily stabilize areas as they are completed. Continue to sweep roadways as soon as feasible. 7/19/07	Catch basins are protected (proactively)
Fairfield	Construction trenching activities were ongoing at sta. #461 to #463, #494, #534 to #536, #551, and #581 to #583. 7/19/07	Continue to monitor and be proactive. See erosion and sediment control and dewatering section. 7/19/07	Catch basins are protected (proactively)
Erosion and Sediment Controls	Filter fabric or filter socks are installed in catch	Continue place a gutter buddy (or similar) in any	Catch basins were protected.

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<p>All active areas</p> <p>Fairfield</p> <p>Bridgeport</p>	<p>basins adjacent the construction activities. 7/19/07</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. 7/19/07</p> <p>Exposed soil near vaults #36 and #37 has been hydroseeded and mulched. Grass has started to germinate. Silt fence at vault #37 is compromised in one location. 7/19/07</p> <p>Slurry from saw cutting activities has the potential to enter catch basins. The minor amounts of dried slurry/dust from saw-cutting activities noted along the roadway between sta. #672 to #674 last week was not observed this week. 7/19/07</p> <p>Sediment tracking is regularly observed at the Railroad and Myrtle Ave. intersection and catch basins in the area were 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. Catch basins were cleaned by the City, one silt sack was replaced</p>	<p>catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 7/19/07</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. 7/19/07</p> <p>Continue to monitor until final stabilization is achieved. Repair compromised silt fence at vault #37. 7/19/07</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. 7/19/07</p>	<p>(Proactively)</p> <p>Needs regular attention</p> <p>The areas were hydroseeded and mulched. Silt fence needs repair.</p> <p>No issues noted but needs regular attention</p> <p>NA</p>

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Kings Highway Lay-down Yard (Off Kings Highway, near Rt. 1 rotary)	downgradient of Segment 4a activities. 7/19/07 Perimeter erosion controls remain in place at the yard. 7/19/07	Continue to monitor and maintain the perimeter silt fence as necessary. 7/19/07	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. 7/19/07	See erosion control section. 7/19/07	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. 7/19/07	Ensure that spill kits are also present with each vehicle during active construction, see Spills and Material Storage section for more detail. 7/19/07	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. 7/19/07	See erosion control section. 7/19/07	NA
Soils	Soils are exposed as part of the excavation for trench, vault, and utility work. 7/19/07	Most areas are temporarily stabilized. 7/19/07	NA
	A small stockpile off Rt. 1 Pequot Ave. is contained and stable. 7/19/07	See erosion control section. 7/19/07	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	Hydroseed and mulch have been applied to soils at vaults #36 and #37. Seed has started to germinate. 7/19/07	Continue to monitor areas for final stabilization. 7/19/07	The areas were hydroseeded and mulched.
	The area near Vault #28	Continue to monitor and	NA.

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	<p>has been covered with a hard pack that is resistant to erosion. 7/19/07</p> <p>Two trees were removed near sta. #462 in accordance with the D&M Plan the week of 3/27/07. 7/19/07</p> <p>Grass/vegetation continues to grow in the stabilized area between Broad and Main St. The area is approximately 70% vegetated. 7/19/07</p> <p>A portion of the trench work along Pequot has achieved final vegetative stabilization, while a portion remains un-vegetated but stable. 7/19/07</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) 7/19/07</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. 7/19/07</p>	<p>provide final stabilization if necessary. 7/19/07</p> <p>Vegetation should be restored as necessary upon completion of work in this area. 7/19/07</p> <p>Continue to monitor for acceptable vegetative cover. 7/19/07</p> <p>Permanently stabilize remaining exposed area when feasible. 7/19/07</p> <p>Permanently stabilize soil as required by the D & M Plan as soon as feasible. 7/19/07</p> <p>Continue to monitor to ensure adequate vegetative cover. 7/19/07</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 observed during this week's inspection at sta. #582. 7/19/07	Continue to appropriately contain and/or filter discharge water. 7/19/07	NA
Blasting	No blasting has been proposed. 7/19/07	None 7/19/07	NA
Spills and Material	Spill cleanup materials/kits were	Ensure that spill kits are also present with each	NA

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Storage King's Highway lay-down yard	<p>observed in the storage yards. 7/19/07</p> <p>Fluid filled equipment in the King's Highway yard continue to be proactively stored on liners or similar containment. A 55-gallon drum of bio-diesel was being stored in an uncontained location within the yard immediately adjacent to the nearby watercourse. 7/19/07</p> <p>The concrete slurry/washout that was noted in several uncontained locations around the yard last week was no longer observed. 7/19/07</p>	<p>vehicle during active construction 7/19/07</p> <p>Good proactive controls are being used for equipment even though leaks were not observed.</p> <p>However, the drum should be relocated, preferably to a contained location within the yard, and 100 feet from sensitive areas whenever feasible. 7/19/07</p> <p>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</p>	<p>Needs proactive attention.</p> <p>Slurry was no longer observed.</p>
Additional Observations	None 7/19/07	None 7/19/07	NA

Next likely scheduled inspection: Wednesday July 25, 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: Katie Bednaz, BSC Group (accompanied by CT Siting Council staff)

Reviewers: Diana Walden, BSC Group



View of crews preparing for paving activities at sta. #582.



Exposed soils at vault #36 have been hydroseeded and mulched. Grass was starting to germinate.



Bio-diesel fuel is being stored within the King's Highway lay-down yard, on the side of the yard immediately adjacent to the watercourse. Relocate and store the drum with the other well-contained fluid filled materials. Keep over 100 feet from sensitive areas whenever feasible.



Crews were proactively sweeping spoil/sediment from trenching from the roadway, back into the trench.