

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 4b Underground Line

Date: July 13, 2007

Inspector: Gregory Sommer

Location: Fairfield/Westport Town Line to Westport Avenue in Norwalk

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 existing paved roadways at this time. 7/13/07</p> <p>The stone within Sherwood Island lay-down yard is clogged/overwhelmed with soil in some areas, causing minimal tracking on the paved drive outside of the yard. (Noted since 6/13) However, the access drive to the yard is paved, reducing tracking to the main road. Crews were observed sweeping the roadway at the time of the inspection. 7/13/07</p>	<p>None. 7/13/07</p> <p>Continue to reduce tracking from the yard and sweep the access drive on a regular basis or as needed. 7/13/07 Refresh or clean stone at the yard when feasible. 7/13/07</p>	<p>NA (Not applicable)</p> <p>Street sweeping was noted. Needs regular attention.</p>
Vault Openings and Trench Construction Westport/Norwalk	<p>Construction/trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #140 to #143, #153 to #157, #166 to #169, #279 to #283, #306 to #309, #365 to #366, #367 to #373, and #377 to #379.</p>	<p>See Erosion and Sediment Control sections of this report for additional details. 7/13/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>7/13/07</p> <p>At the time of the inspection, steel plates were in place at vault #17 as construction activities are ongoing here Work at vaults #19 and 26 appears to be mostly complete. 7/13/07</p>	<p>See Erosion and Sediment Control sections of this report for additional details. 7/13/07</p>	<p>NA</p>
Erosion and Sediment Controls	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 7/13/07</p>	<p>Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. Install controls where necessary. 7/13/07</p>	<p>Catch basins were protected. (Proactively) Additional attention needed in some locations.</p>
	<p>Although active work is not occurring here, erosion controls remain in place at vault #13 to protect Stoney Brook. 7/13/07</p>	<p>Ensure that silt fence is in good condition if work resumes here. 7/13/07</p>	<p>NA at this time</p>
	<p>Although active work is not occurring here, silt fence remains between the road and the brook at Imperial Ave. at sta. #260. 7/13/07</p>	<p>Ensure that the silt fence is in good condition if work resumes here. 7/13/07</p>	<p>NA at this time</p>
Norwalk	<p>The small gully/washout noted on the slope since 6/6 has been re-graded. A silt sock remains in place and some vegetative cover was noted. The additional section of silt fence near vault #5 has been repaired. 7/13/07</p>	<p>Continue to monitor the area and maintain erosion controls along the top of the slope to prevent erosion during storm events. 7/13/07</p>	<p>The washout was graded and the silt fence was repaired.</p>
Westport	<p>Area of exposed soil near sta. #360 was previously seeded and is approximately 50% vegetated. 7/13/07</p>	<p>Continue to monitor vegetation growth to ensure final stabilization. 7/13/07</p>	<p>NA at this time.</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins.</p>	<p>Prevent slurry from entering catch basins and sensitive areas, by quickly</p>	<p>Needs regular attention.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Minor amounts of dried slurry/dust remained along the roadway near sta. #364+50. 7/13/07	attending to it as it is generated during cutting. 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
Sherwood Island lay-down yard	The controls at the stormwater discharge point at the yard remain in place. 7/13/07	Continue to monitor and maintain the controls 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
	The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides, but the yard is demobilized and awaiting future staging and bore activities. 7/13/07	See storage area section. 7/13/07	NA
Staging, Storage, and Parking Areas	A contractor lay-down yard is located off of Kings Highway near the Rt. 1 rotary. This is being used for both 4a and 4b activities. 7/13/07	See Erosion Control section and Spills and Material Storage section for more detail. 7/13/07	NA
	A contractor lay-down yard originally located off of Imperial Ave. in Westport has been vacated. The chain link fence around the perimeter remains and will be used to accommodate the future directional boring activities. 7/13/07	None. 7/13/07	NA
Sherwood Island lay-down yard	A contractor lay-down yard is located within Sherwood Island State	Continue to monitor the one stormwater discharge point. Ensure that the	Needs evaluation.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>Park. The multiple pieces of equipment that were being stored outside the fenced perimeter of the yard since 6/21/07 were noted there again. 7/13/07</p> <p>Hydraulic filled equipment was noted being stored in a common location. 7/13/07</p>	<p>yard limits are observed and review the agreement for storage. 7/13/07</p> <p>Continue to provide appropriate storage. 7/13/07</p>	NA.
Soils	No issues with soil storage were observed at this time. 7/13/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road 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	<p>Only minor clearing of individual trees has been necessary at this time. 7/13/07</p> <p>A hard pack material remains in place at Vault #19 and portions of Vault #20 to help stabilize the area. 7/13/07</p> <p>Exposed soil near completed activities at vault #7 remain stabilized with mulch. Some reas of soil at vault #8 are exposed. 7/13/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 7/13/07</p> <p>Continue to stabilize the exposed soil. 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 monitor for vegetative cover and stabilization. 7/13/07</p>	<p>NA</p> <p>Continue to restore the area.</p> <p>NA</p>
Dewatering	Dewatering activities were not being conducted at the time of the 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	None 7/13/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	proposed. 7/13/07		
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 7/13/07	Ensure that spill kits are also present with each vehicle during active construction. 7/13/07	NA
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Concrete slurry/ wash-out was now noted in several uncontained locations around the yard near material stockpiles. 7/13/07 Dried concrete washout or slurry was noted in an uncontained location near vault #19. 7/13/07	Any future washout or slurry should be properly contained in a designated area. Deposited material should be properly disposed of. 7/13/07 Recommend properly containing future washout or slurry and properly dispose of deposited material. 7/13/07	Needs attention Needs attention when feasible.
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 Inspector: Gregory Sommer, BSC Group

Reviewers: Diana Walden and Katie Bednaz, BSC Group



Construction equipment was noted again, stored outside the fenced limits of the Sherwood Island lay-down yard. Determine if this is within the yard agreement.



Crews are sweeping the roadway near the Sherwood Island lay-down yard to reduce sediment tracking. A water truck helps to control dust.



Trench work has begun near vault #5. The gully that had previously formed along the slope has since been backfilled and the silt fence was completely repaired.



Saw cutting was recently performed near sta. #364+50 and some 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.



Concrete slurry appears to have been deposited near the backfilled area of vault 19. Concrete washouts should be performed in a contained area.



Concrete washout appears to have been deposited in several locations within the King Highway lay-down yard, near gravel and other material stockpiles. Concrete washouts remain in the yard but should be performed in a designated area to minimize unnecessary impacts.



Both photos show the King's Highway lay-down yard where concrete washout 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.