

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: March 27, 2007 (night inspection)

Inspector: Katie Bednaz

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

Rain Event: Total of 0.27" of precipitation was reported since the previous inspection with 0.18" of the total recorded on 3/25. (Bridgeport, CT NOAA data)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	All work is within existing paved roadways at this time. 3/27/07	None. 3/27/07	NA (Not applicable)
Vault Openings and Trench Construction Westport	Construction trenching activities were occurring at sta. #406 to #409, #226 to #228, and #195 to #197. 3/27/07	See Erosion and Sediment Control sections of this report for additional details. 3/27/07	NA
	Excavation was observed at vault #18 and work began at vault #20 during this week's inspection. 3/27/07	See Dewatering section of this report for additional details. 3/27/07	NA
Erosion and Sediment Controls Westport	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 3/27/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. 3/27/07	Catch basins were protected. (Proactively)
	Slurry from saw cutting activities has the potential to enter catch basins. The dry slurry/dust observed near sta. #228 last week has been swept. 3/27/07	Continue to prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 3/27/07	Slurry/dust has been swept.
Kings Highway Lay-	Airborne dust migration	Prevent dust migration by	Needs regular

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down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	was not noted within the Kings Highway lay-down yard at the time of inspection, but has been noted during past inspections. 3/27/07	implementing the dust control specifications within the 2002 CT Guidelines for Soil Erosion and Sediment Control. 3/27/07	attention.
	Additional stone was placed throughout the yard to stabilize muddy areas. 3/27/07	Continue to attend to the yard in order to prevent tracking to the roadways. 3/27/07	Stone was added to provide additional stabilization. (proactively)
Sherwood Island lay-down yard	The entire yard has been lined with fabric and covered with a layer of stone. This will aid in reducing mud and tracking and lead to simplified restoration at the end of the project. 3/27/07	None. 3/27/07	Yard was lined with fabric and stone prior to use.
	The only stormwater discharge point has been adequately controlled with haybale and silt fence barriers. 3/27/07	Continue to monitor this spot but it is currently well-controlled. 3/27/07	Controls were installed proactively.
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. 3/27/07	See erosion control section. 3/27/07	NA
	The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides. The majority of the yard is isolated from the nearby resource areas by an earthen berm. 3/27/07	None. 3/27/07	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. 3/27/07	See Erosion Control section and Spills and Material Storage section for more detail. 3/27/07	NA

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	<p>A contractor lay-down yard is located off of Imperial Ave. in Westport. 3/27/07</p> <p>Stockpiles of materials remain in the lay-down yard off Imperial Ave. Piles remain contained to the yard at this time. 3/27/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard from the beginning. 3/27/07</p>	<p>See Inland Wetland section. 3/27/07</p> <p>Continue to monitor piles for stability and containment. 3/27/07</p> <p>See Erosion Control section section for more details. Continue to monitor the one stormwater discharge point. 3/27/07</p>	<p>NA</p> <p>NA</p> <p>NA</p>
Soils	No issues with tracking or soil storage were observed at this time. 3/27/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See erosion control section 3/27/07	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. Five trees were removed to accommodate work near vault #20. 3/27/07</p> <p>Minor amounts of soil has been exposed as part of the Vault #19 construction activities. A portion of the exposed soil has been stabilized with stone. 3/15-3/27/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 3/27/07</p> <p>Continue to stabilize the exposed soil when work in the location is completed for an extended period of time. 3/15-3/27/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p>
Dewatering	Dewatering activities were being conducted at the time of our inspection at vault #18 and at sta. #195 to 197. Vac trucks were used appropriately	Continue to contain and filter dewater appropriately. 3/27/07	Vac trucks were being used.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	in both locations. 3/27/07		
Blasting	No blasting has been proposed. 3/27/07	None 3/27/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 3/27/07 An additional containment area was constructed for fluid filled equipment in the King's Highway yard. 3/27/07	Ensure that spill kits are also present with each vehicle during active construction. 3/27/07 Continue to use and monitor the storage area. 3/27/07	NA Another containment area has been provided for equipment.
Additional Observations	None 3/27/07	None 3/27/07	NA

Next likely scheduled inspection:

Tuesday April 3, 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: Katie Bednaz, BSC Group

Reviewer: Diana Walden, BSC Group



Both photo are of the Sherwood Island lay-down yard. Left: The entire yard has been lined with fabric and covered with a layer of stone. This will reduce mud and tracking as well as allow for simplified clean-up or restoration. Right: The only stormwater discharge point from the site has been adequately protected with erosion controls.



Trenching activities were being conducted at numerous locations along the project route.



Trenching activities at vault #18 required dewatering. A vac truck was used appropriately.



During trenching activities at sta. #226 to 228, the crew hit a water main that delayed construction. All water remained contained to the trench.



View of crews backfilling the trench located at sta. #195 to 197. A vac truck was dewatering the opposite end of the trench in the background of the photo.



Five trees were removed south of vault #20 to accommodate trenching activities, and as approved by the D&M Plan.



Excavation activities for Vault #20 were initiated during this week's inspection.