

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 5, 2007

Inspector: Katie Bednaz

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

Rain Event: 0.73" of precipitation was reported since the previous inspection, with the entire total recorded on 7/4. (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. 7/5/07 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. 7/5/07	None. 7/5/07 Continue to reduce tracking from the yard and sweep the access drive when feasible 6/13-7/5/07 Refresh or clean stone at the yard when feasible. 7/5/07	NA (Not applicable) Needs regular attention.
Vault Openings and Trench Construction Westport/Norwalk	Construction/trenching activities were ongoing. At the time of the inspection, steel plates were in place at sta. #140 to #143, #151 to #154, #167 to #170, #279 to #283, #308 to #312, #349, #359 to #360, #367 to #368, and #370 to #379. 7/5/07 At the time of the	See Erosion and Sediment Control sections of this report for additional details. 7/5/07 See Erosion and Sediment	NA NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	inspection, steel plates were in place at vault #17 and #26 as construction activities are ongoing here Work at vault #19 appears to be mostly complete. 7/5/07	Control sections of this report for additional details. 7/5/07	
Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 7/5/07	Continue to place a gutter buddy (or similar) in any catch basins with a curb/gutter drop inlet to prevent sediment from entering basin. Install controls where necessary. 7/5/07	Catch basins were protected. (Proactively) Additional attention needed in some locations.
	Although active work is not occurring here, erosion controls remain in place at vault #13 to protect Stoney Brook. 7/5/07	Ensure that silt fence is in good condition if work resumes here. 7/5/07	NA at this time
	Although active work is not occurring here, silt fence remains between the road and the brook of Imperial Ave. at sta. #260. 7/5/07	Ensure that the silt fence is in good condition if work resumes here. 7/5/07	NA at this time
	Slurry from saw cutting activities has the potential to enter catch basins. Issues were not observed this week. 7/5/07	Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 7/5/07	No issues noted but needs regular attention.
Norwalk	Rain has caused a small gully to form (noted 6/6). A silt sock remains at the top of the gully in an effort to diverting stormwater flows and some vegetative cover was noted. The additional slumping section of silt fence near vault #5 is still down and in need of repair. 6/29-7/5/07	Re-establish the compromised erosion control and continue to stabilize the exposed surface. 7/5/07	Needs additional attention
Kings Highway Lay-down Yard (Fairfield)	Perimeter erosion controls remain in place	Continue to monitor and maintain the perimeter	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p> <p>Sherwood Island lay- down yard</p>	<p>at the yard. 7/5/07</p> <p>The controls at the stormwater discharge point at the yard remain in place. 7/5/07</p>	<p>silt fence as necessary. 7/5/07</p> <p>Continue to monitor and maintain the controls as necessary. 7/5/07</p>	<p>NA</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. 7/5/07</p> <p>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. 7/5/07</p>	<p>See erosion control section. 7/5/07</p> <p>See soil and staging, storage, and parking area sections. 7/5/07</p>	<p>NA</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. This is being used for both 4a and 4b activities. 7/5/07</p> <p>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. 7/5/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. The multiple pieces of equipment that were being stored outside the fenced perimeter of the</p>	<p>See Erosion Control section and Spills and Material Storage section for more detail. 7/5/07</p> <p>None at this time. Ensure that controls are adequate when activities return. 7/5/07</p> <p>Continue to monitor the one stormwater discharge point. Ensure that the yard limits are observed. 7/5/07</p>	<p>NA</p> <p>NA</p> <p>Equipment was not observed outside the perimeter of the yard.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	yard since 6/21/07 were no longer noted. 7/5/07		
Soils	No significant issues with soil storage were observed at this time. 7/5/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 7/5/07	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. 7/5/07</p> <p>Amounts of soil have remained exposed as part of the Vault #19 construction activities (since 3/15). A hard pack material has been applied to help stabilize the area. 7/5/07</p> <p>Soil near vault #20 is also exposed. It has some hard pack material in place. 7/5/07</p> <p>Exposed soil near completed activities at vault #7 remain stabilized with mulch. 7/5/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 7/5/07</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. 7/5/07</p> <p>Continue to stabilize the exposed soil in accordance with the D&M plan. 7/5/07</p> <p>Continue to monitor for vegetative cover and stabilization. 7/5/07</p>	<p>NA</p> <p>Hard pack material is in place, continue to restore.</p> <p>Needs attention when active construction is complete.</p> <p>NA at this time.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 7/5/07	When dewatering is necessary, continue to appropriately contain and/or filter discharge water. 7/5/07	NA
Blasting	No blasting has been proposed. 7/5/07	None 7/5/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 7/5/07	Ensure that spill kits are also present with each vehicle during active construction. 7/5/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	The majority of dried concrete washout that was deposited in an uncontained location in the yard on 5/10/07, has since been removed. Some had been noted under stored materials which were later removed to facilitate slurry clean-up, but a gravel stockpile has now been placed in that location. 6/29-7/5/07	Continue to properly dispose of the observed material and provide containment for future washouts 6/29-7/5/07	Needs additional attention
Imperial Ave lay-down yard	All facilities have been removed from within the perimeter chain link fence. 7/5/07	None at this time. See storage yard section 7/5/07	NA
Additional Observations	None 7/5/07	None 7/5/07	NA

Next likely scheduled inspection: Friday July 13, 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



Photo of erosion controls at vault #5, a section of silt fence remains in need of repair. No evidence of additional erosion at the site and some vegetative cover was starting to establish.



All materials have been removed from the Imperial Ave. lay-down yard in preparation for future staging/bore activities in this location.