

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: June 29, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.21” of precipitation was reported since the previous inspection, with 0.17” recorded on 6/27. (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. 6/29/07	None. 6/29/07	NA (Not applicable)
	Minor sediment tracking was observed from the Sherwood Island lay-down yard at the time of inspection. However, the access drive to the yard is paved, reducing tracking to the main road. (Noted since 6/13) Sherwood Island lay-down yard was not visited during this week's inspection. 6/29/07	Continue to reduce tracking from the yard and sweep the access drive when feasible 6/13-6/29/07	Needs regular attention but tracking is not currently a problem on public roads.
	Bituminous curbing and the sidewalk were restored at vault #7. 6/29/07	None at this time. 6/29/07	Pre-construction features were restored.
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	See Erosion and Sediment Control sections of this report for additional details. 6/29/07	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>#283, #307 to #312, #349, #359 to #360, #367 to #368, and #370 to #379. 6/29/07</p> <p>The pavement has been saw cut in preparation for trenching near sta. #380. 6/29/07</p> <p>At the time of the inspection, steel plates were in place at vaults #17 and #26 as construction activities are ongoing here. Work at vaults #8 and #19 appears to be mostly complete. 6/29/07</p>	<p>See Erosion and Sediment Control section of this report for additional details. 6/29/07</p> <p>See Erosion and Sediment Control section of this report for additional details. 6/29/07</p>	<p>NA</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. 6/29/07</p> <p>Although active work is not occurring here, erosion controls remain in place at vault #13 to protect Stoney Brook. 6/29/07</p> <p>Although active work is not occurring here, silt fence remains between the road and the brook of Imperial Ave. at sta. #260. 6/29/07</p> <p>Silt fence remains in place down-gradient from the construction activities at vault #19 and a hard pack is in place. 6/29/07</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. 6/29/07</p> <p>Ensure that silt fence is in good condition if work resumes here. 6/29/07</p> <p>Ensure that the silt fence is in good condition if work resumes here. 6/29/07</p> <p>Continue to monitor controls and stabilize the soil surface as work is completed. 6/29/07</p>	<p>Catch basins were protected. (Proactively) Additional attention needed in some locations.</p> <p>NA at this time</p> <p>NA at this time</p> <p>Hard pack material was added to help stabilize the area.</p>
Norwalk	<p>The previous slumping section of silt fence near vault #5 was restored, but now an additional section</p>	<p>Re-establish the compromised erosion control and continue to stabilize the exposed</p>	<p>One section of fence was restored, while another is now in need of repair.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
<p>Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)</p> <p>Sherwood Island lay-down yard</p>	<p>is down and in need of repair. 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 6/29/07</p>	<p>surface 6/29/07</p>	<p>Continue to stabilize the area.</p>
	<p>Slurry from saw cutting activities has the potential to enter catch basins. The minor issues noted between sta. #149 to #151 were not observed this week. 6/29/07</p>	<p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting. 6/29/07</p>	<p>No issues noted but needs regular attention.</p>
	<p>Perimeter erosion controls remain in place at the yard. 6/29/07</p>	<p>Continue to monitor and maintain the perimeter silt fence as necessary. 6/29/07</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. 6/29/07</p>	<p>See erosion control section. 6/29/07</p>	<p>NA</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 largely demobilized. 6/29/07</p>	<p>See staging, storage, and parking area section. 6/29/07</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. 6/29/07</p>	<p>See Erosion Control section and Spills and Material Storage section for more detail. 6/29/07</p>	<p>NA</p>
	<p>A contractor lay-down</p>	<p>None. 6/29/07</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>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. 6/29/07</p> <p>A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls were used to stabilize the yard. Multiple pieces of equipment were observed being stored outside the fenced perimeter of the yard. 6/21-6/29/07</p>	<p>Review agreement with the State regarding the limits of the lay-down yard and equipment storage locations. Continue to monitor the one stormwater discharge point. 6/21-29/07</p>	Needs evaluation
Soils	No significant issues with soil storage were observed at this time. 6/29/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 6/29/07	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. 6/29/07</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. 6/29/07</p> <p>Soil near vault #20 is also exposed and waiting to be seeded and mulched. 6/29/07</p> <p>Exposed soil near</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 6/29/07</p> <p>Continue to stabilize areas of exposed soil. If exposed soils are not to be worked within 30 days, they should be stabilized within 7 days of the last activity. 6/29/07</p> <p>Continue to stabilize the exposed soil in accordance with the D&M plan. 6/29/07</p> <p>Continue to monitor for</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>Soils were mulched.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	completed activities at vault #7 has been stabilized with mulch. 6/29/07	vegetative cover and stabilization. 6/29/07	
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 6/29/07	When dewatering is necessary, continue to appropriately contain and/or filter discharge water. 6/29/07	NA
Blasting	No blasting has been proposed. 6/29/07	None 6/29/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 6/29/07	Ensure that spill kits are also present with each vehicle during active construction. 6/29/07	NA
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. 6/29/07	Continue to properly dispose of the observed material and provide containment for future washouts 6/29/07	Needs additional attention
Imperial Ave lay-down yard	A portajohn and trailer are the only remaining items in the yard. 6/29/07	See storage yard section 6/29/07	NA
Additional Observations	None 6/29/07	None 6/29/07	NA

Next likely scheduled inspection: Thursday, July 5, 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



A gully had previously formed near vault #5. A silt sock has been placed at the top of the slope to minimize further erosion. The silt fence was also repaired, but a new section now needs attention. Stabilize as soon as feasible.



Exposed soils at vault #7 have been stabilized with hay mulch. The sidewalk was repaved and the curbing was restored.



Steel plates are temporarily in place near vault #17. This area is scheduled to be paved later this week.



Hard-pack soil is in place near vault #19 to temporarily stabilize the exposed area. Silt fence remains along the down gradient side of slope.