

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 21, 2007

Inspector: Gregory Sommer

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

Rain Event: 0.75" of precipitation was reported since the previous inspection, with 0.59" recorded on 6/16. (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. 6/21/07 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. 6/13-6/21/07	None. 6/21/07 Continue to reduce tracking from the yard and sweep the access drive when feasible 6/13-6/21/07	NA (Not applicable) Needs regular attention but tracking is not currently a problem on public roads.
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. #144 to #145, #149 to #151, #169 to #175, #282 to #283, #310 to #313, #328 to #329, #349 to #350, #359 to #363, and #367 to #372. 6/21/07 The pavement has been saw cut in preparation for trenching between sta. #372 to #380. 6/21/07	See Erosion and Sediment Control sections of this report for additional details. 6/21/07 See Erosion and Sediment Control sections of this report for additional details. 6/21/07	NA NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>At the time of the inspection, steel plates were in place at vault #8, #17 and #19 as construction activities are ongoing here. 6/21/07</p>	<p>See Erosion and Sediment Control sections of this report for additional details. 6/21/07</p>	<p>NA</p>
<p>Erosion and Sediment Controls Westport</p>	<p>Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 6/21/07</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. 6/21/07</p>	<p>Catch basins were protected. (Proactively) Additional attention needed in some locations.</p>
<p>Norwalk</p>	<p>Although active work is not occurring here, erosion controls remain in place at vault #13 to protect Stoney Brook. 6/21/07</p> <p>Although active work is not occurring here, silt fence remains between the road and the brook of Imperial Ave. at sta. #260. 6/21/07</p> <p>Silt fence was installed appropriately, down-gradient from the construction activities at vault #19. 6/21/07</p> <p>A portion of the silt fence was observed to be slumping at vault #5 (noted since 5/31). Rain had caused a small gully to form (noted 6/6). A silt sock has now been placed at the top of the gully in an effort to diverting stormwater flows 6/21/07</p> <p>A minor amount of slurry from saw cutting activities between sta. #149 to #151 was visible along the roadway and has the</p>	<p>Ensure that silt fence is in good condition if work resumes here. 6/21/07</p> <p>Ensure that the silt fence is in good condition if work resumes here. 6/21/07</p> <p>Continue to monitor controls and stabilize the soil surface as work is completed. 6/21/07</p> <p>Re-establish the compromised erosion control and continue to stabilize the exposed surface. 6/21/07</p> <p>Prevent slurry from entering catch basins and sensitive areas, by quickly attending to it as it is generated during cutting.</p>	<p>NA at this time</p> <p>NA at this time</p> <p>Silt fence was installed.</p> <p>A filter sock was installed. Continue to stabilize the area.</p> <p>Needs regular attention</p>

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Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.) Sherwood Island lay-down yard	potential to enter catch basins. 6/21/07 Perimeter erosion controls remain in place at the yard. 6/21/07	6/21/07 Continue to monitor and maintain the perimeter silt fence as necessary. 6/21/07	NA
	The controls at the stormwater discharge point at the yard remain in place. 6/21/07	Continue to monitor and maintain the controls as necessary. 6/21/07	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. 6/21/07	See erosion control section. 6/21/07	NA
	The Imperial Ave. lay-down yard is surrounded by the Saugatuck River on the southwestern, western, and northern sides but the yard is largely demobilized. 6/21/07	See soil and staging, storage, and parking area sections. 6/21/07	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. 6/21/07	See Erosion Control section and Spills and Material Storage section for more detail. 6/21/07	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 the yard will be used to accommodate the future directional boring activities. 6/21/07	None at this time. Secure controls will be determined when work continues. 6/21/07	NA
	A contractor lay-down yard is located within Sherwood Island State Park. Multiple controls	Review agreement with the State regarding the limits of the lay-down yard and equipment	Needs evaluation

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	were used to stabilize the yard. Multiple pieces of equipment were observed being stored outside the fenced perimeter of the yard. 6/21/07	storage locations. Continue to monitor the one stormwater discharge point. 6/21/07	
Soils	No significant issues with soil storage were observed at this time. 6/21/07	Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 6/21/07	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. 6/21/07</p> <p>Minor amounts of soil have been exposed as part of the Vault #19 construction activities. A portion of the exposed soil near vault #19 has been stabilized with stone. 3/15-6/21/07</p> <p>Soil near vault #20 is also exposed and waiting to be seeded and mulched. 6/21/07</p>	<p>Cleared trees have been approved for removal in accordance with the D&M plan. 6/21/07</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. 6/21/07</p> <p>Continue to stabilize the exposed soil in accordance with the D&M plan. 6/21/07</p>	<p>NA</p> <p>Needs attention when active construction is complete.</p> <p>Needs attention when active construction is complete.</p>
Dewatering	Dewatering activities were not being conducted at the time of the inspection. 6/21/07	None. 6/21/07	NA
Blasting	No blasting has been proposed. 6/21/07	None 6/21/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 6/21/07	Ensure that spill kits are also present with each vehicle during active construction. 6/21/07	NA
Kings Highway Lay-	Dried concrete washout	Continue to properly	Needs additional

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down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	or slurry was noted in an uncontained location in the yard since 5/10 but the majority has now been removed, while some remains under stored materials. 6/13- 6/21/07	dispose of the observed material and provide containment for future washouts. 6/21/07	attention
Imperial Ave lay-down yard	A portajohn and trailer are the only remaining items in the yard.6/21/07	See storage yard section 6/21/07	NA
Additional Observations	A haybale barrier was placed to protect a drainage swale near sta. #168. Muddy runoff from other activities was visible around the swale. While the run-off was not project related, crews proactively controlled its migration. 6/21/07	None at this time. 6/21/07	Controls installed for the project have proactively controlled turbid run-off that was not project related.

Next likely scheduled
inspection:

Friday, June 29, 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



Continue to monitor for sediment tracking from the lay-down yard at the Sherwood Island State Park. Multiple pieces of equipment were observed being stored outside of the fenced perimeter of the yard. Store all equipment appropriately.



A haybale barrier was placed to protect a drainage swale near sta. #168. Muddy runoff from other activities (non-project related) was noted around the swale.



Photo of the gully/washout that has formed over vault #5. A silt sock has been placed at the top of the gully in an effort to prevent further erosion. A section of silt fence is still in disrepair. Stabilize the area as soon as feasible.



Vault #19 remains open and is temporarily covered with steel plates. Silt fence has been installed along the downgradient side of the work area.