

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: August 30, 2007

Inspector: Diana Walden

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

Rain Event: 0.87" of precipitation was reported since the previous inspection with the entire total recorded on 8/21. (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. 8/30/07</p> <p>The paved drive outside of the Sherwood Island lay-down yard was recently and regularly watered to control tracking and dust from the yard. However, monitor the catch basin at the intersection of the main park road and the access road for turbid run-off. 8/30/07</p>	<p>None. 8/30/07</p> <p>Continue to reduce tracking and airborne dust from the yard and sweep the access drive on a regular basis or as needed. 8/30/07</p>	<p>NA (Not applicable)</p> <p>No issues noted but needs regular attention.</p>
Vault Openings and Trench Construction Westport/Norwalk	<p>Construction/trenching activities were observed at the time of the inspection at sta. #135 to #137, #217 (Stony Brook) and in the area of #219, near #266, #282, #295, #301, #358, #383, #397, #415, #429 and #433. Most work is occurring near previously installed vaults for tie-ins 8/30/07</p>	<p>See Erosion and Sediment Control sections of this report for additional details. 8/30/07</p>	<p>NA</p>

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Erosion and Sediment Controls	Filter fabric or filter socks have been placed in catch basins that are down-gradient of/adjacent to construction activities. 8/30/07	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. 8/30/07	Catch basins were protected. (Proactively)
Norwalk Norwalk lay-down yard (Also used for Segment 4c – see that report for more details)	The yard appears to not be fully active at this time. One side of the yard is lined with perimeter erosion controls (silt fence and haybales). The area adjacent to the Norwalk River is protected by an existing concrete dock. No exposed soils/materials are present on site. 8/30/07	Install barrier controls between the Norwalk River in locations that runoff may flow from the yard to the River before materials are brought to site. The existing concrete slab/dock provides a good barrier. 8/30/07	Continue to monitor.
Westport	Area of exposed soil near sta. #360 was previously seeded and is approximately 60% vegetated. 8/30/07	Continue to monitor vegetative growth to ensure final stabilization. 8/30/07	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. 8/30/07	Ensure that the silt fence is in good condition if work resumes here. 8/30/07	NA at this time
	The flow of Stony Brook remains diverted past construction activities through a flume. Erosion control blankets remain on a small portion of the top of slope but the stone walls are being reconstructed along both banks. 8/30/07	The area remains well controlled. See Inland Wetlands section for more details. 8/30/07	NA at this time
Kings Highway Lay-down Yard (Fairfield) (Currently being used for Segment 4a and 4b operations.)	Over the past few weeks, perimeter erosion controls are overwhelmed by stored materials in two locations at the yard. 8/8-	Re-establish the controls where necessary. 8/8-8/30/07	Needs attention

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Sherwood Island lay-down yard	<p>8/30/07 The yard was not observed this week so we could not confirm whether repairs were made. 8/30/07</p> <p>The controls at the stormwater discharge point at the yard remain in place but a tree branch has fallen on the silt fence at the rear of the yard. 8/30/07</p>	Continue to monitor and maintain the controls as necessary. Remove the branch and reestablish the small section of silt fence. 8/30/07	Needs some maintenance.
Inland Wetland and Watercourse encroachment and mitigation	<p>The Kings Highway lay-down yard is located adjacent to potential resource areas and a concrete lined waterway. The Norwalk yard is bound on the westerly side by the Norwalk River. 8/30/07</p> <p>Stony Brook is currently diverted/flumed to accommodate construction activities. A boom was in place during the inspection to aid in reducing the velocity of flow at the outlet of the flume pipe. Stone walls are being re-constructed along the banks. 8/30/07</p>	<p>See erosion control section. 8/30/07</p> <p>Continue to monitor activities for compliance with the D & M Plan. As trenching is completed through the stream, evaluate whether a trench breaker or plug will be needed to prevent flow from leaving the stream channel underground. 8/30/07</p>	<p>NA</p> <p>Needs evaluation.</p>
Staging, Storage, and Parking Areas	<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. 8/30/07</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 have been observed, stored outside the fenced perimeter of</p>	<p>See Erosion Control section for more detail. 8/30/07</p> <p>Continue to monitor the one stormwater discharge point. Ensure that the yard limits are observed and review the agreement for use and storage in the yard. 6/21-8/30/07 See the spills section for more detail. 8/30/07</p>	<p>NA</p> <p>Needs evaluation</p>

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	<p>the yard (some since 6/21). 8/30/07</p> <p>The contractor lay-down yard located at 6 Smith Street in Norwalk is covered in the 4c report. 8/30/07</p>	<p>Please see the 4c report for more detail. 8/21/07</p>	<p>NA</p>
Soils	<p>No issues with soil storage were observed at this time. 8/30/07</p>	<p>Continue to restore exposed soils when feasible and mitigate for dust as necessary. See access road section. 8/30/07</p>	<p>NA</p>
State species of concern, threatened and endangered species.	<p>According to the D&M plan, state-listed species are not located in this work area.</p>	<p>None</p>	<p>NA</p>
Vegetative clearing (including trees to save or danger trees noted) or stabilization	<p>Minor amounts of soil have been exposed as part of the vault #7, #8, #19, and #20 construction activities. Portions of the exposed soil near the vaults remain stabilized with hard-pack material or mulch. 3/15-8/30/07</p> <p>The area immediately adjacent to Stony Brook (sta. #217) had been grubbed in preparation for stream crossing activities (7/25). The stone walls along the banks are being reconstructed. 8/30/07</p> <p>Vault #12 work area is temporarily stabilized with hard pack and hay mulch. Trees were removed to accommodate work. 8/30/07</p> <p>Vault #20 has controls in place to contain exposed</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. 8/30/07</p> <p>Cleared trees were approved for removal in accordance with the D&M plan. See the Erosion Control and Inland Wetlands sections for more details 8/30/07</p> <p>Cleared trees have been approved for removal in accordance with the D&M plan. Restore as required by the D & M Plan when feasible. 8/30/07</p> <p>Continue to monitor until fully stabilized. 8/30/07</p>	<p>Continue to restore the areas.</p> <p>NA at this time</p> <p>NA at this time</p> <p>NA at this time.</p>

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	soils. 8/30/07		
Dewatering	Dewatering activities were being conducted at the time of the inspection from the trench at the Stony Brook crossing. Trench water was being discharged to a frac tank, then processed through a mobile filtering unit and finally discharged to the diverted stream. 8/30/07	Continue to appropriately contain and/or filter discharge water. 8/30/07	NA
	Vac trucks were also noted as crews set up for evening work near sta. #415+00 and #299+00. 8/30/07	Continue to appropriately contain and/or filter discharge water. 8/30/07	NA
	The Norwalk storage yard is set up to appropriately handle dewatering from this section of the project. Water is settled/filtered in the tanks stored here and then permitted to enter a sanitary sewer connection. 8/30/07	Continue to appropriately contain and/or filter discharge water. 8/30/07	NA
Blasting	No blasting has been proposed. 8/30/07	None 8/30/07	NA
Spills and Material Storage	Spill cleanup materials/kits were observed in the storage yard. 8/30/07	Ensure that spill kits are also present with each vehicle during active construction. 8/30/07	NA
	A fluid-filled equipment/attachment was noted stored within the King's Highway lay-down yard, outside of the designated contained location last week. The yard wasn't checked during this inspection to confirm whether attachments had been moved. 8/30/07	Continue to proactively store all fluid filled equipment in the designated contained locations. 8/30/07	Needs regular attention
	Concrete washout was noted at sta. #217 within	In general, remove and properly dispose of	BSC needs to confirm it was removed.

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	<p>the entrance to the car dealership last week. This area was not inspected this week to confirm whether materials were removed. 8/30/07</p> <p>An excavator stored on a trailer outside of the Sherwood Island yard boundaries was dripping/leaking. All material was contained to the trailer at this time. 8/30/07</p>	<p>concrete. Any concrete washout should be properly contained in an approved location. 8/30/07</p> <p>Repair the equipment and provide controls. See the storage yard section and determine whether equipment should be stored outside the yard. 8/30/07</p>	Needs attention.
Additional Observations	None 8/30/07	None 8/30/07	NA

Next likely scheduled inspection: Wednesday September 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: Diana Walden, BSC Group

Reviewer: NA



View of the Norwalk storage yard shared by 4b and 4c contractors. Frac tanks are stored and effectively contained in a depression/pit in an existing concrete loading dock.



View of the Stony Brook crossing. The stone wall banks are being restored at this time. Water is still effectively diverted through the fume.



View of active trench work and plates just east of the Stony Brook crossing.



View of crews setting up for the evening near Vault #18. Trench work up to the vault was occurring. A vac truck was in place.



View of crews setting up traffic patterns for evening work along Rt 1 in Westport.



View of the entrance to the Sherwood Island lay-down yard. The access was recently swept and watered for dust control. Ensure run-off does not reach adjacent catch basins at the main park road.



Both photos were taken at the Sherwood Island lay-down yard. Left: A branch fell on the controls, damaging the silt fence. Restore when feasible. Right: An excavator was being stored just outside of the yard on a trailer and a leak was noted. The material was contained to the trailer but the equipment should be repaired. Also, ensure the agreement with the park allows equipment storage outside of the yard.